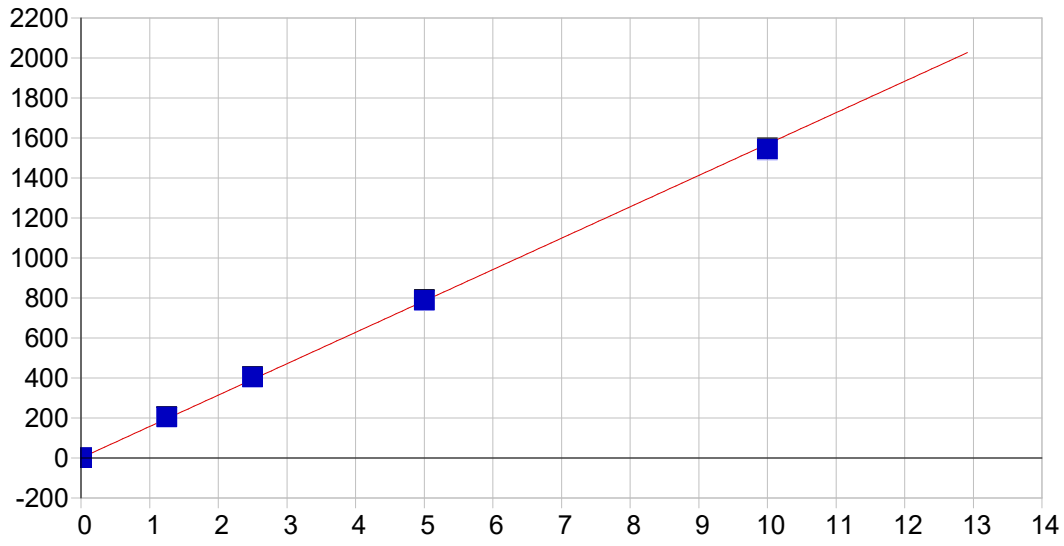
Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5



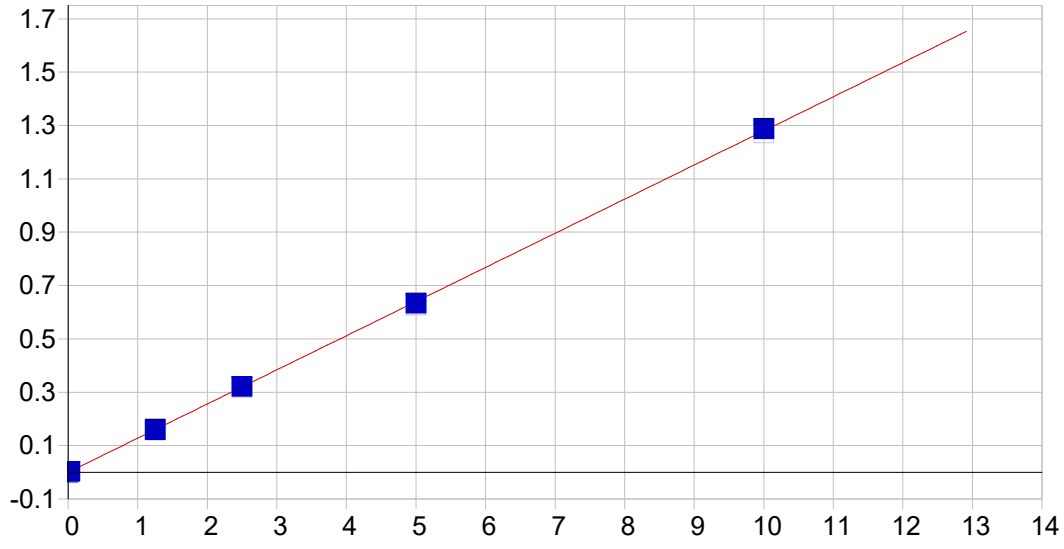
As 189.042 {478}

Date of Fit:	12/27/2024 18:53:57	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.027719	Re-Slope:	1.000000
A1 (Gain):	156.923538	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999800	Status:	OK.
Std Error of Est:	0.052413		
Predicted MDL:	0.005037		
Predicted MQL:	0.016791		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.02740	.117	1
S1	.01000	.01138	.001	13.8	1.8116	.899	1
S2	1.2500	1.3035	.054	4.28	203.76	1.30	1
S3	2.5000	2.5744	.074	2.98	402.37	1.69	1
S4	5.0000	5.0305	.031	.611	786.14	2.35	1
S5	10.000	9.8401	-.160	-1.60	1537.6	6.87	1

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5



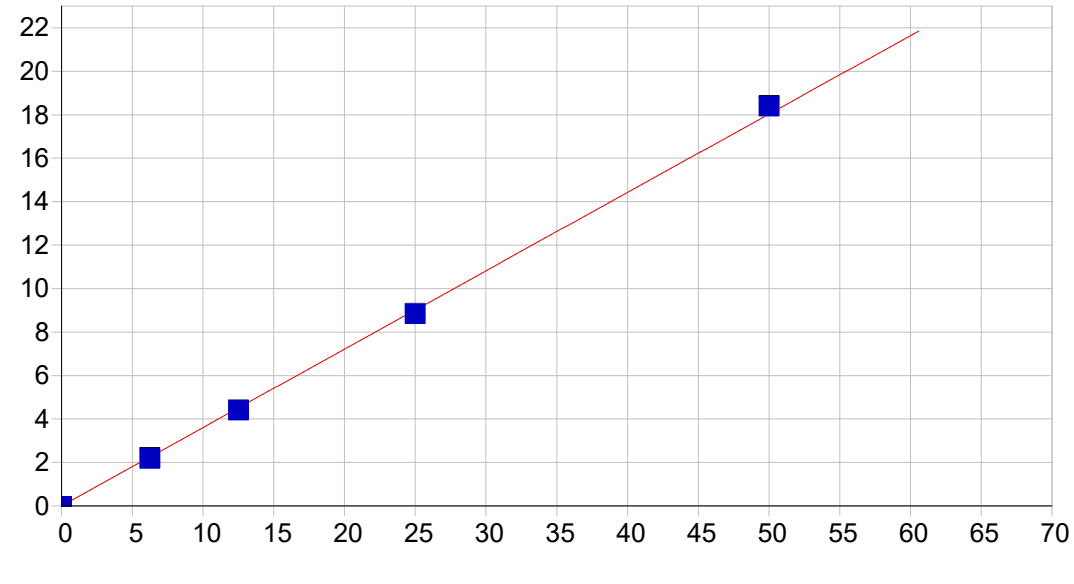
Tl 190.856 {477}

Date of Fit:	12/27/2024 18:53:57	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000223	Re-Slope:	1.000000
A1 (Gain):	0.127996	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999974	Status:	OK.
Std Error of Est:	0.000024		
Predicted MDL:	0.002875		
Predicted MQL:	0.009583		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00022	.000	1
S1	.02500	.02430	-.001	-2.79	.00277	.000	1
S2	1.2500	1.2426	-.007	-.593	.15697	.003	1
S3	2.5000	2.5088	.009	.354	.31719	.001	1
S4	5.0000	4.9466	-.053	-1.07	.62551	.001	1
S5	10.000	10.053	.053	.526	1.2717	.003	1

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5



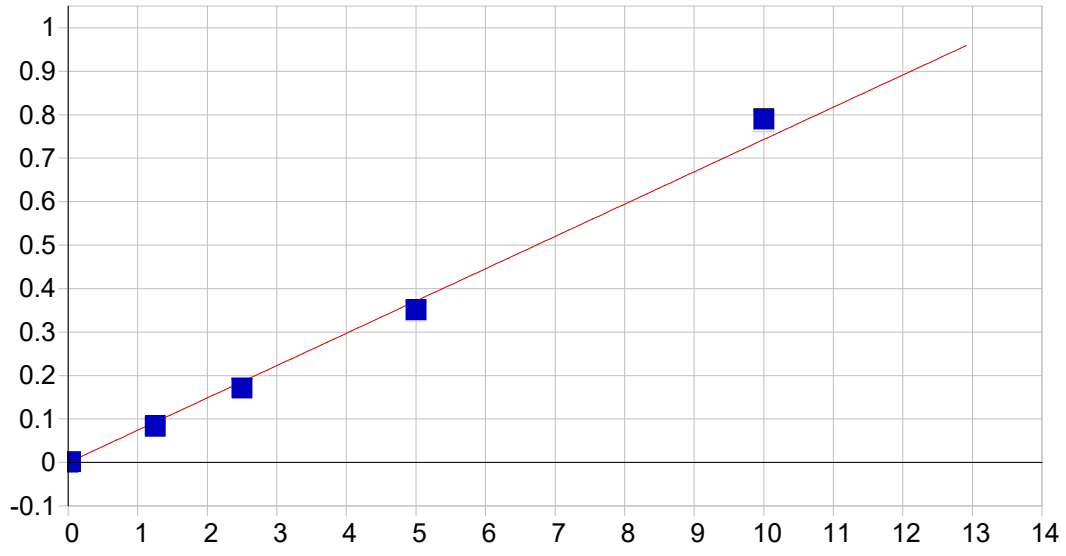
Pb 220.353 {453}

Date of Fit:	12/27/2024 18:53:57	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000383	Re-Slope:	1.000000
A1 (Gain):	0.360619	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999756	Status:	OK.
Std Error of Est:	0.000298		
Predicted MDL:	0.002124		
Predicted MQL:	0.007081		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00038	.000	1
S1	.01000	.00731	-.003	-26.9	.00300	.001	1
S2	6.2500	6.0244	-.226	-3.61	2.1704	.044	1
S3	12.500	12.210	-.290	-2.32	4.3988	.005	1
S4	25.000	24.509	-.491	-1.97	8.8290	.021	1
S5	50.000	51.009	1.01	2.02	18.376	.030	1

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5



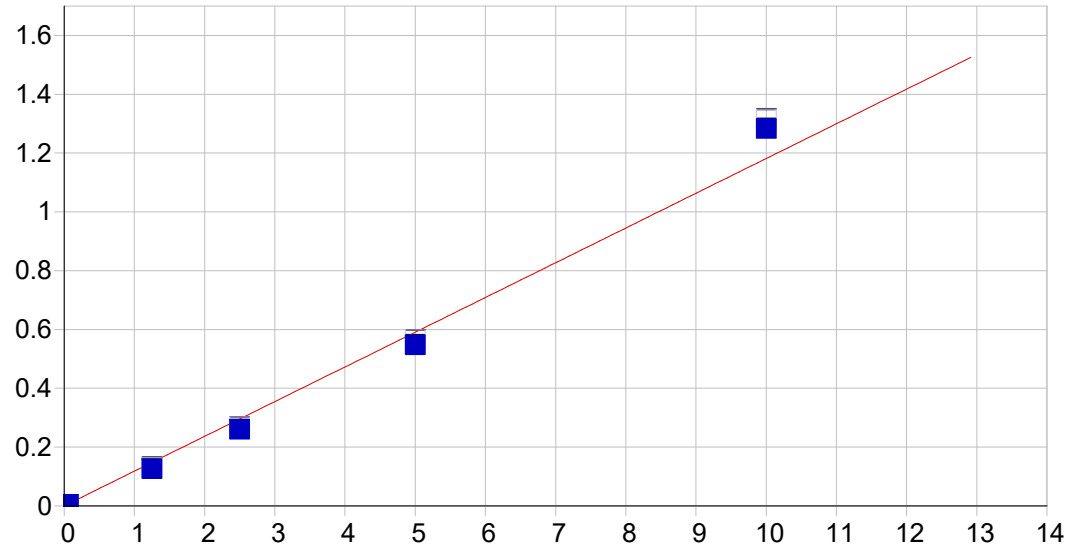
Se 196.090 {472}

Date of Fit:	12/27/2024 18:53:57	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000085	Re-Slope:	1.000000
A1 (Gain):	0.074303	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.997621	Status:	OK.
Std Error of Est:	0.000160		
Predicted MDL:	0.005188		
Predicted MQL:	0.017295		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00002	.000	.000	-.00008	.000	1
S1	.03500	.02488	-.010	-28.9	.00176	.000	1
S2	1.2500	1.1165	-.134	-10.7	.08206	.002	1
S3	2.5000	2.3001	-.200	-8.00	.16920	.000	1
S4	5.0000	4.7184	-.282	-5.63	.34727	.002	1
S5	10.000	10.625	.625	6.25	.78293	.001	1

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5



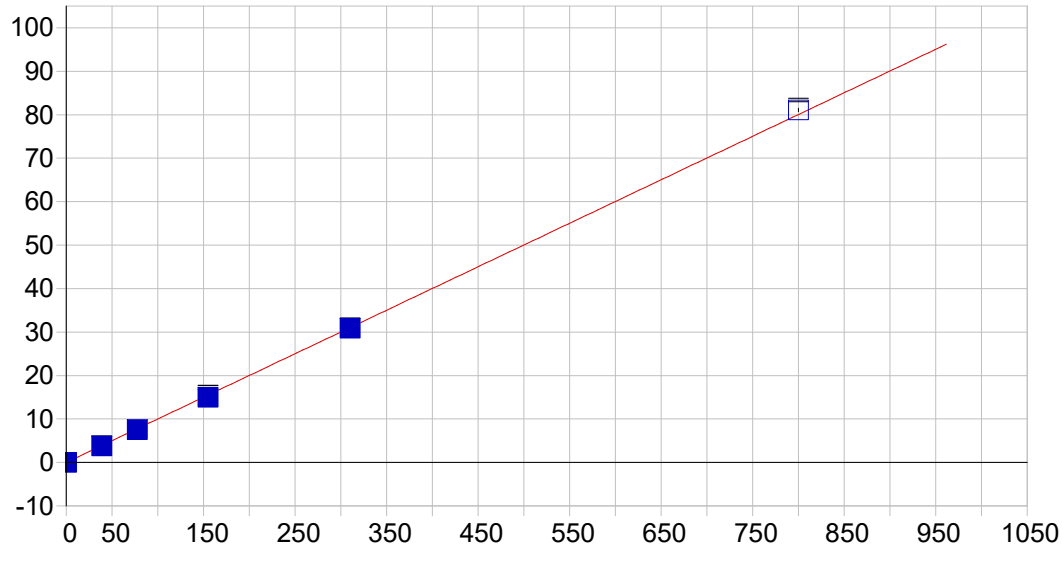
Sb 206.833 {463}

Date of Fit:	12/27/2024 18:53:57	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000254	Re-Slope:	1.000000
A1 (Gain):	0.118106	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.995864	Status:	OK.
Std Error of Est:	0.000455		
Predicted MDL:	0.003975		
Predicted MQL:	0.013250		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00003	.000	.000	.00026	.000	1
S1	.06000	.04729	-.013	-21.2	.00584	.000	1
S2	1.2500	1.0637	-.186	-14.9	.13003	.003	1
S3	2.5000	2.2042	-.296	-11.8	.26886	.000	1
S4	5.0000	4.6367	-.363	-7.27	.56443	.001	1
S5	10.000	10.858	.858	8.58	1.3157	.003	1

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5



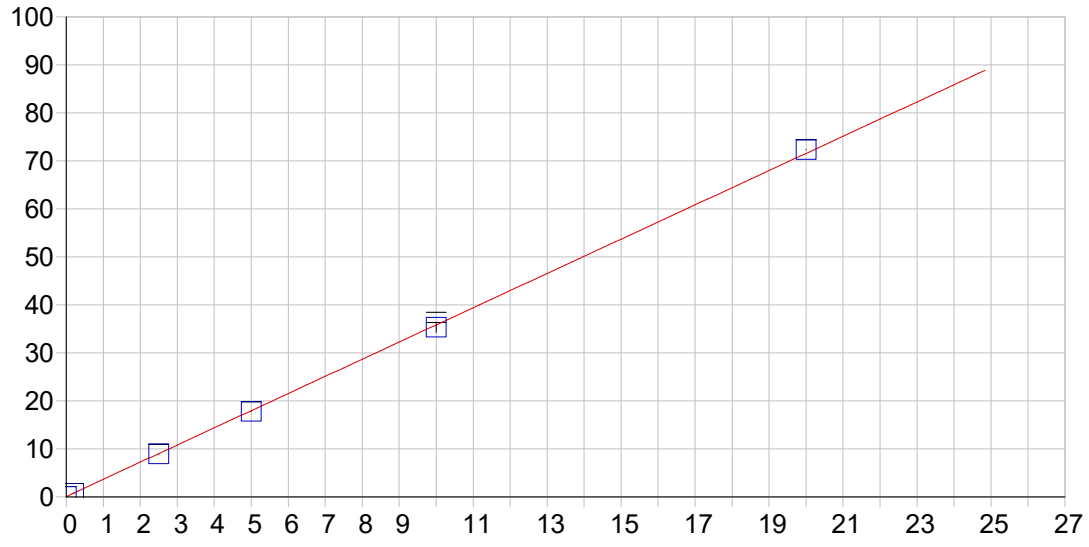
Al 396.152 { 85}

Date of Fit:	12/27/2024 18:53:57	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000266	Re-Slope:	1.000000
A1 (Gain):	0.100060	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999842	Status:	OK.
Std Error of Est:	0.001107		
Predicted MDL:	0.029582		
Predicted MQL:	0.098608		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00003	.000	.000	-.00026	.004	1
S1	.20000	.19150	-.008	-4.25	.01893	.004	1
S2	38.750	37.513	-1.24	-3.19	3.7575	.012	1
S3	77.500	75.144	-2.36	-3.04	7.5271	.018	1
S4	155.00	149.72	-5.28	-3.41	14.997	.446	1
S5	310.00	308.39	-1.61	-.519	30.891	.032	1
S6	800.00	810.51	10.5	1.31	81.099	.387	1

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5



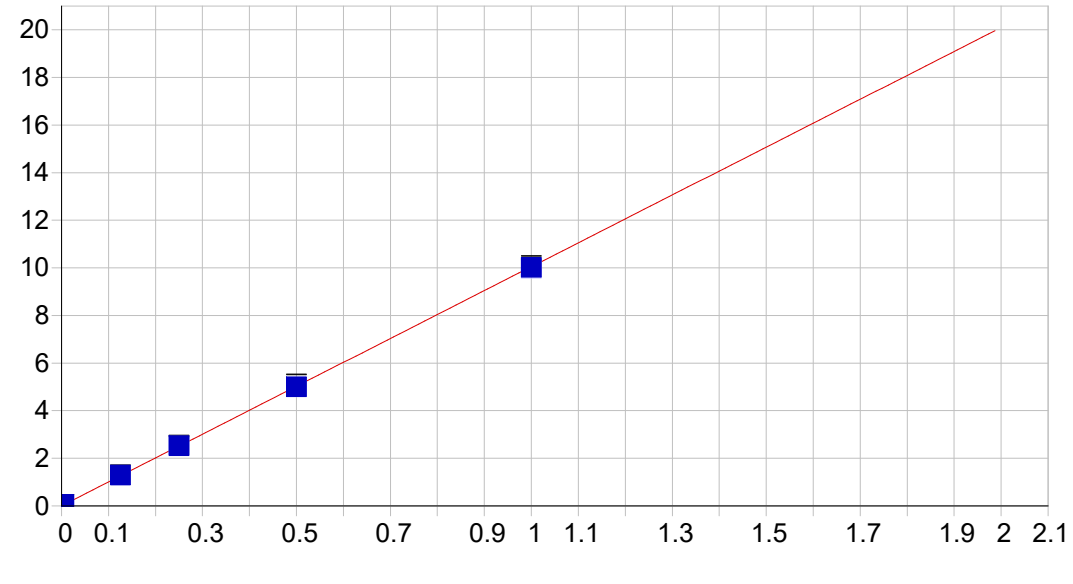
Ba 493.409 { 68}

Date of Fit:	12/27/2024 18:53:57	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.091981	Re-Slope:	1.000000
A1 (Gain):	3.573707	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999930	Status:	OK.
Std Error of Est:	0.004488		
Predicted MDL:	0.001771		
Predicted MQL:	0.005903		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.09200	.005	1
S1	.20000	.19929	-.001	-.357	.80417	.017	1
S2	2.5000	2.4673	-.033	-1.31	8.9096	.029	1
S3	5.0000	4.9498	-.050	-1.00	17.781	.047	1
S4	10.000	9.8626	-.137	-1.37	35.338	1.06	1
S5	20.000	20.221	.221	1.10	72.356	.011	1

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5



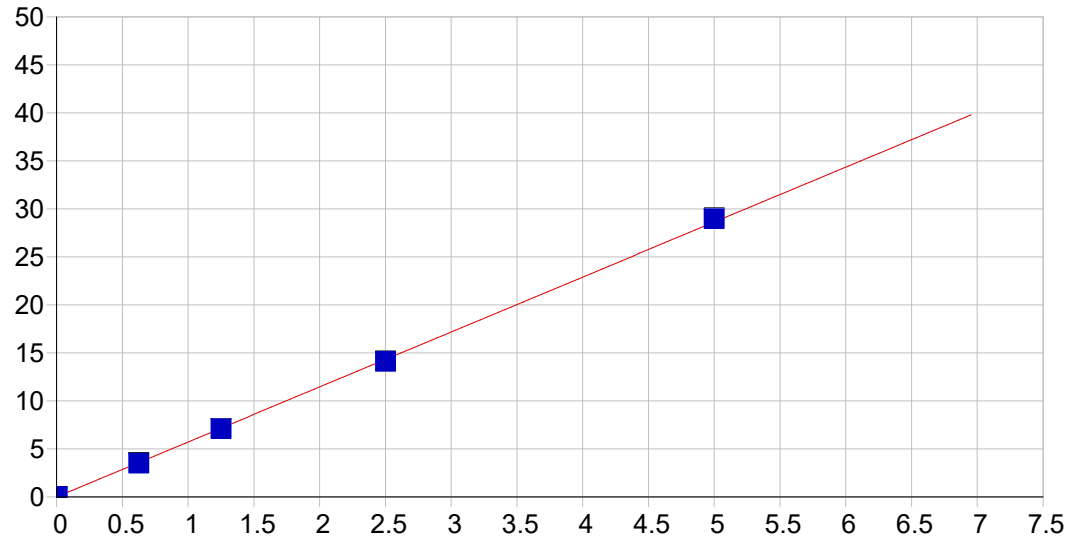
Be 234.861 {144}

Date of Fit:	12/27/2024 18:53:57	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.001742	Re-Slope:	1.000000
A1 (Gain):	10.047430	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999966	Status:	OK.
Std Error of Est:	0.000311		
Predicted MDL:	0.000163		
Predicted MQL:	0.000544		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00174	.000	1
S1	.00500	.00521	.000	4.17	.05403	.001	1
S2	.12500	.12834	.003	2.67	1.2854	.009	1
S3	.25000	.25171	.002	.686	2.5193	.028	1
S4	.50000	.49808	-.002	-.385	4.9831	.118	1
S5	1.0000	.99666	-.003	-.334	9.9695	.075	1

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5



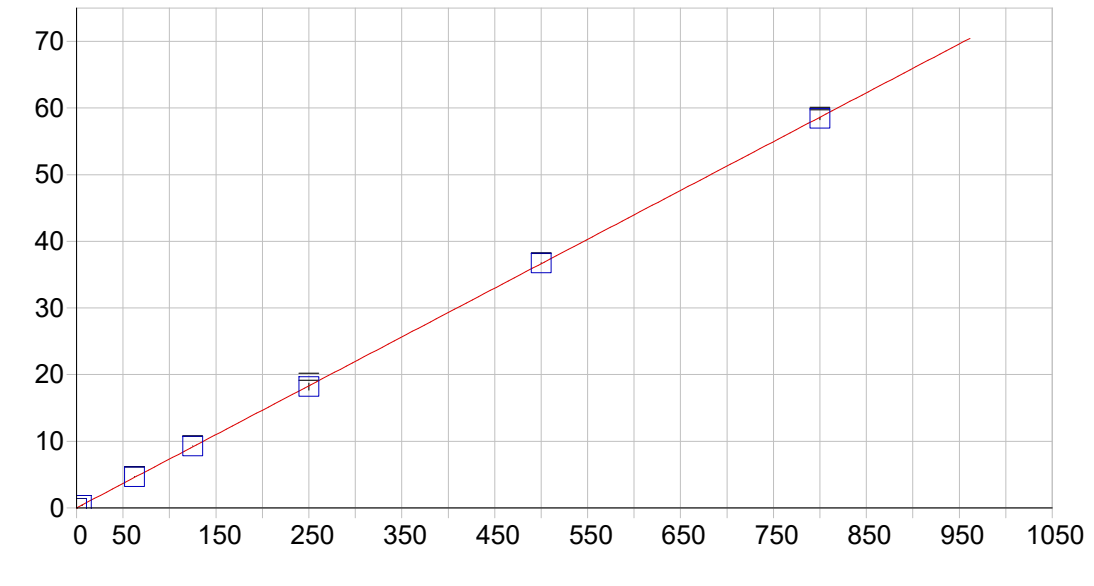
Cd 214.438 {457}

Date of Fit:	12/27/2024 18:53:57	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000361	Re-Slope:	1.000000
A1 (Gain):	5.725509	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999923	Status:	OK.
Std Error of Est:	0.000598		
Predicted MDL:	0.000090		
Predicted MQL:	0.000301		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00036	.000	1
S1	.00500	.00490	-.000	-2.04	.02851	.001	1
S2	.62500	.61247	-.013	-2.01	3.5125	.070	1
S3	1.2500	1.2407	-.009	-.740	7.1153	.007	1
S4	2.5000	2.4651	-.035	-1.40	14.136	.028	1
S5	5.0000	5.0568	.057	1.14	28.997	.056	1

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5



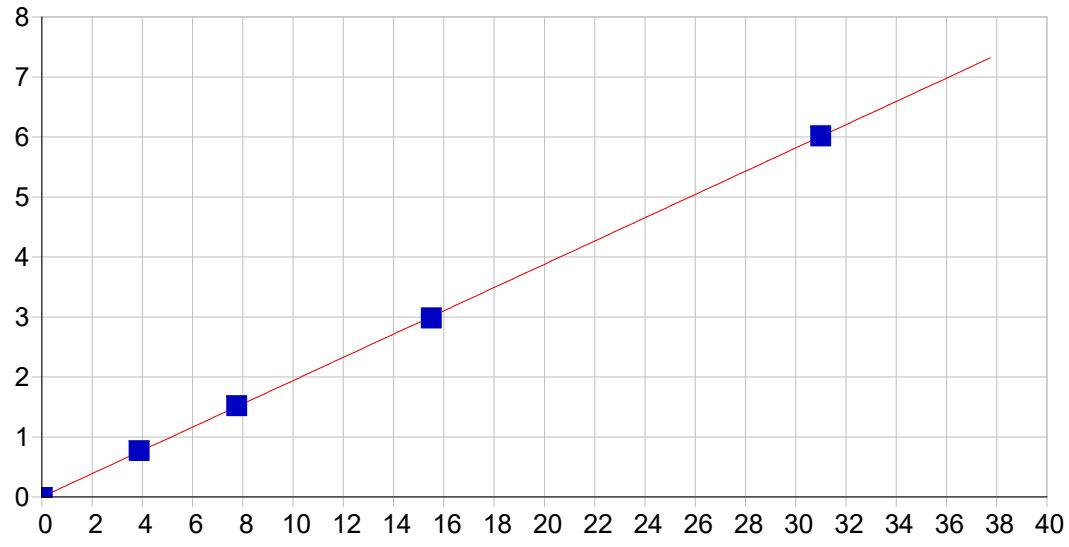
Ca 373.690 { 90}

Date of Fit:	12/27/2024 18:53:57	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.003639	Re-Slope:	1.000000
A1 (Gain):	0.073276	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999979	Status:	OK.
Std Error of Est:	0.001666		
Predicted MDL:	0.030562		
Predicted MQL:	0.101872		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00033	-.000	.000	.00362	.003	1
S1	5.0000	5.2109	.211	4.22	.38548	.003	1
S2	62.500	63.613	1.11	1.78	4.6649	.020	1
S3	125.00	126.61	1.61	1.29	9.2811	.024	1
S4	250.00	248.29	-1.71	-.684	18.197	.508	1
S5	500.00	501.42	1.42	.285	36.746	.052	1
S6	800.00	797.35	-2.65	-.331	58.430	.207	1

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5



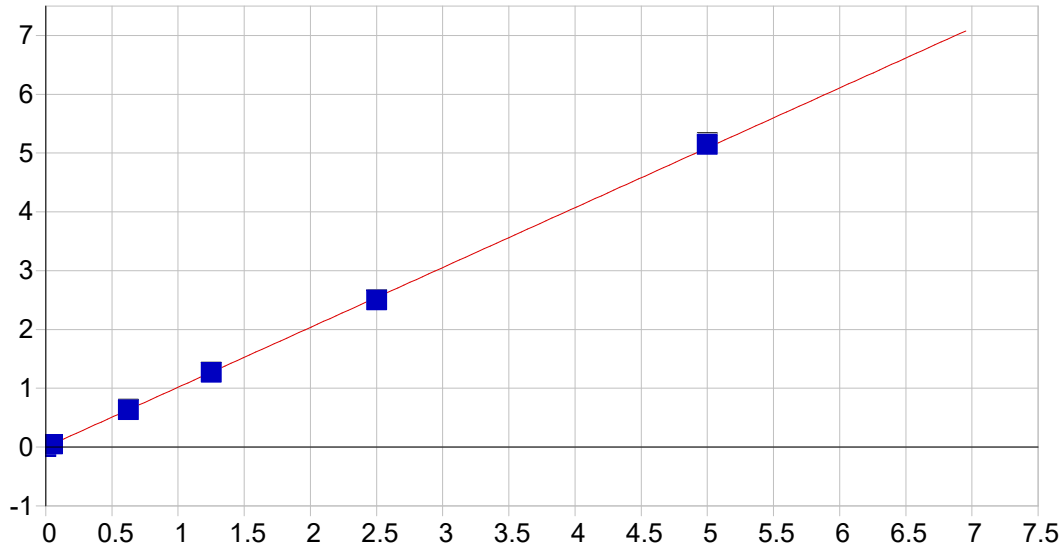
Cr 267.716 {126}

Date of Fit:	12/27/2024 18:53:57	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000203	Re-Slope:	1.000000
A1 (Gain):	0.193839	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999973	Status:	OK.
Std Error of Est:	0.000042		
Predicted MDL:	0.001023		
Predicted MQL:	0.003411		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00020	.000	1
S1	.01000	.01003	.000	.336	.00215	.000	1
S2	3.8750	3.9473	.072	1.87	.76594	.002	1
S3	7.7500	7.8147	.065	.835	1.5162	.002	1
S4	15.500	15.359	-.141	-.910	2.9797	.005	1
S5	31.000	31.004	.004	.013	6.0146	.013	1

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5



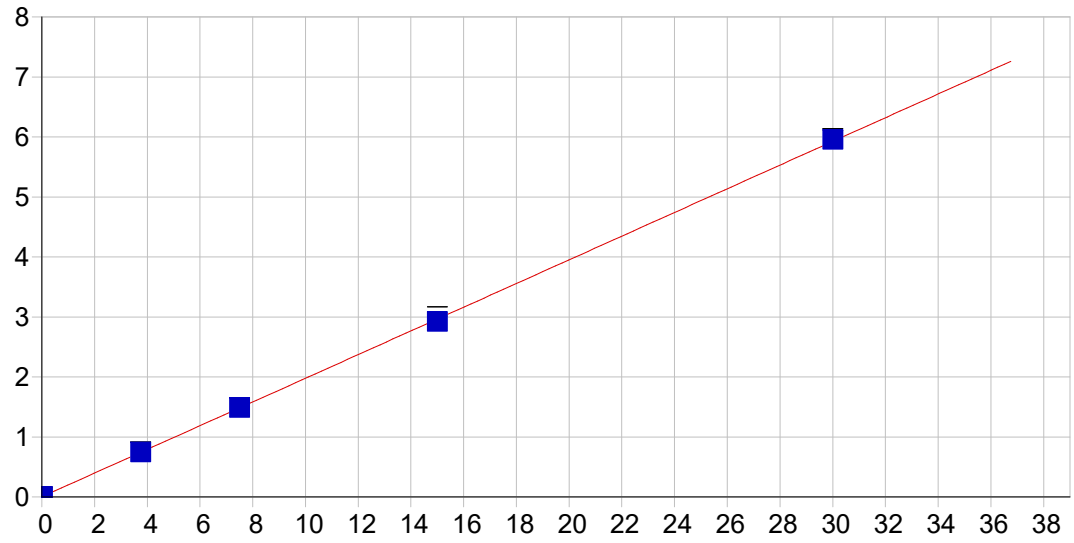
Co 228.616 {448}

Date of Fit:	12/27/2024 18:53:57	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000304	Re-Slope:	1.000000
A1 (Gain):	1.017961	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999920	Status:	OK.
Std Error of Est:	0.000344		
Predicted MDL:	0.000471		
Predicted MQL:	0.001570		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00030	.000	1
S1	.05000	.05101	.001	2.02	.05179	.001	1
S2	.62500	.61932	-.006	-.908	.63219	.013	1
S3	1.2500	1.2453	-.005	-.379	1.2714	.001	1
S4	2.5000	2.4544	-.046	-1.82	2.5064	.006	1
S5	5.0000	5.0550	.055	1.10	5.1619	.012	1

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5



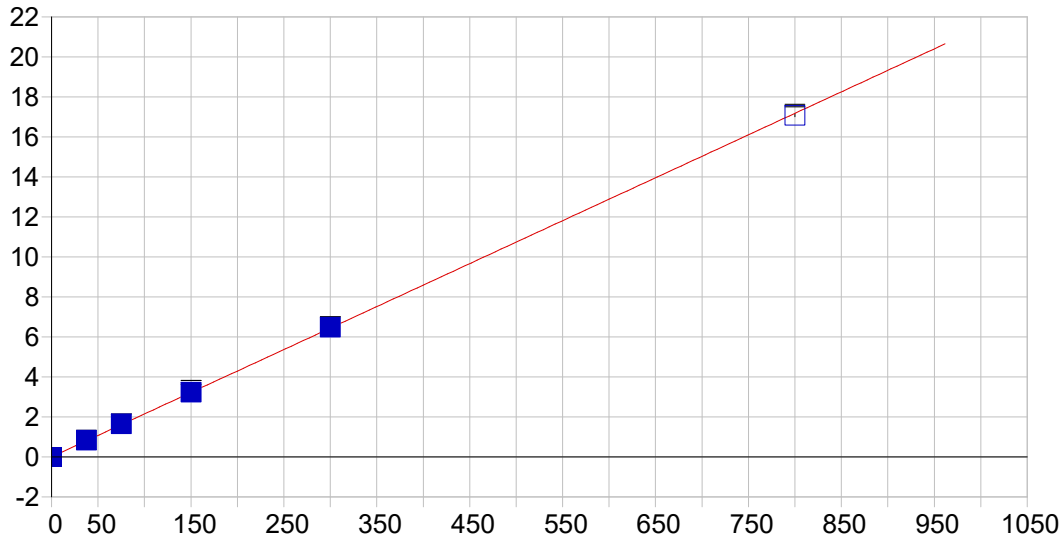
Cu 324.754 {104}

Date of Fit:	12/27/2024 18:53:57	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.002559	Re-Slope:	1.000000
A1 (Gain):	0.197422	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999964	Status:	OK.
Std Error of Est:	0.000077		
Predicted MDL:	0.008007		
Predicted MQL:	0.026689		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00256	.001	1
S1	.02500	.02147	-.004	-14.1	.00679	.001	1
S2	3.7500	3.7751	.025	.669	.74777	.003	1
S3	7.5000	7.5191	.019	.254	1.4868	.002	1
S4	15.000	14.804	-.196	-1.31	2.9248	.079	1
S5	30.000	30.156	.156	.518	5.9553	.016	1

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5



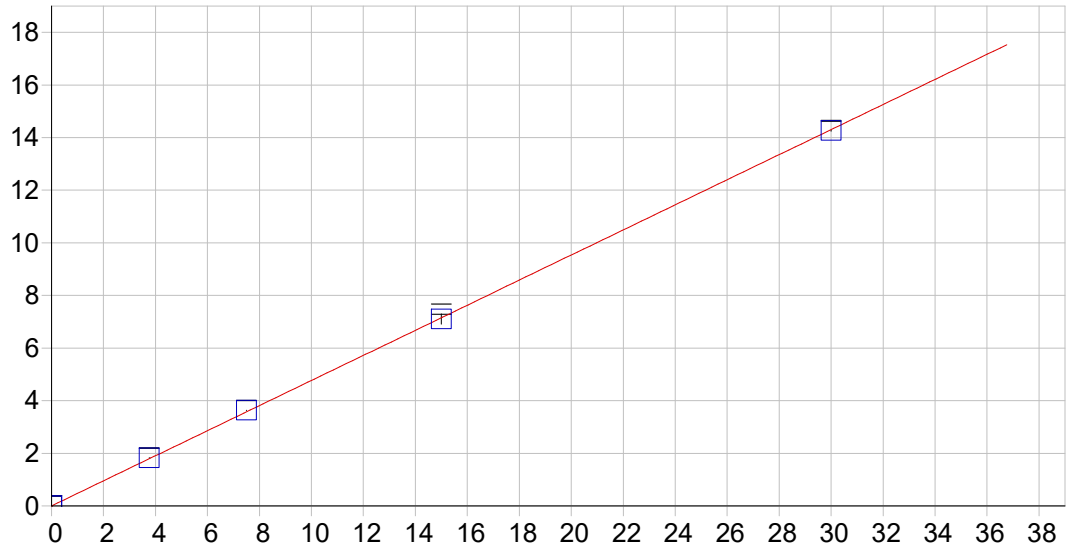
Fe 259.837 {130}

Date of Fit:	12/27/2024 18:53:57	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000278	Re-Slope:	1.000000
A1 (Gain):	0.021475	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999957	Status:	OK.
Std Error of Est:	0.000087		
Predicted MDL:	0.035698		
Predicted MQL:	0.118994		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00028	.001	1
S1	.10000	.10478	.005	4.78	.00197	.000	1
S2	37.500	38.416	.916	2.44	.82487	.004	1
S3	75.000	76.901	1.90	2.53	1.6515	.003	1
S4	150.00	150.30	.304	.203	3.2282	.094	1
S5	300.00	301.99	1.99	.664	6.4864	.023	1
S6	800.00	794.88	-5.12	-.640	17.070	.066	1

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5



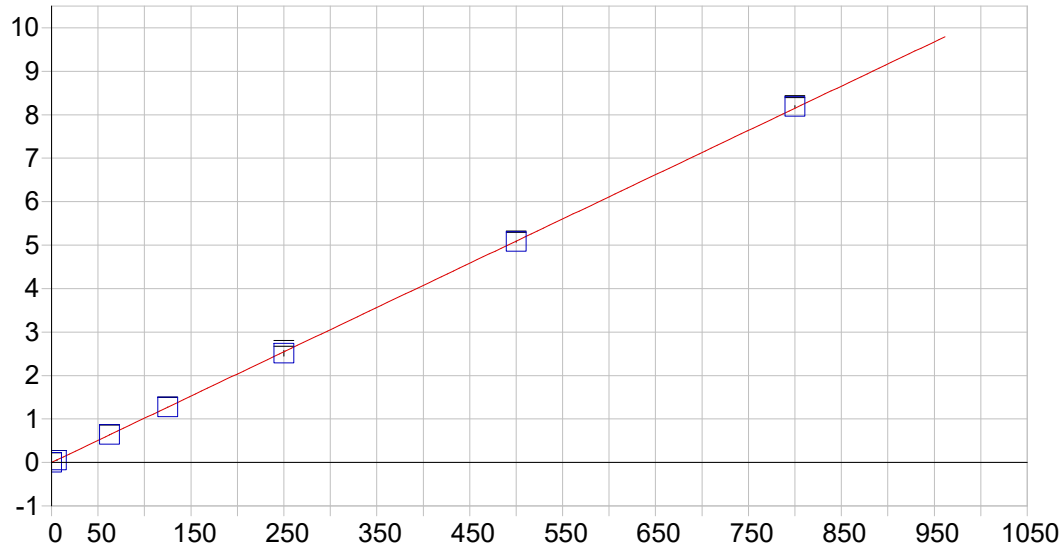
Mn 257.610 {131}

Date of Fit:	12/27/2024 18:53:57	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000353	Re-Slope:	1.000000
A1 (Gain):	0.476790	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999960	Status:	OK.
Std Error of Est:	0.000152		
Predicted MDL:	0.001414		
Predicted MQL:	0.004714		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00035	.000	1
S1	.01500	.01698	.002	13.2	.00845	.001	1
S2	3.7500	3.8235	.074	1.96	1.8234	.002	1
S3	7.5000	7.6174	.117	1.57	3.6323	.005	1
S4	15.000	14.894	-.106	-.707	7.1016	.198	1
S5	30.000	29.913	-.087	-.289	14.263	.021	1

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5



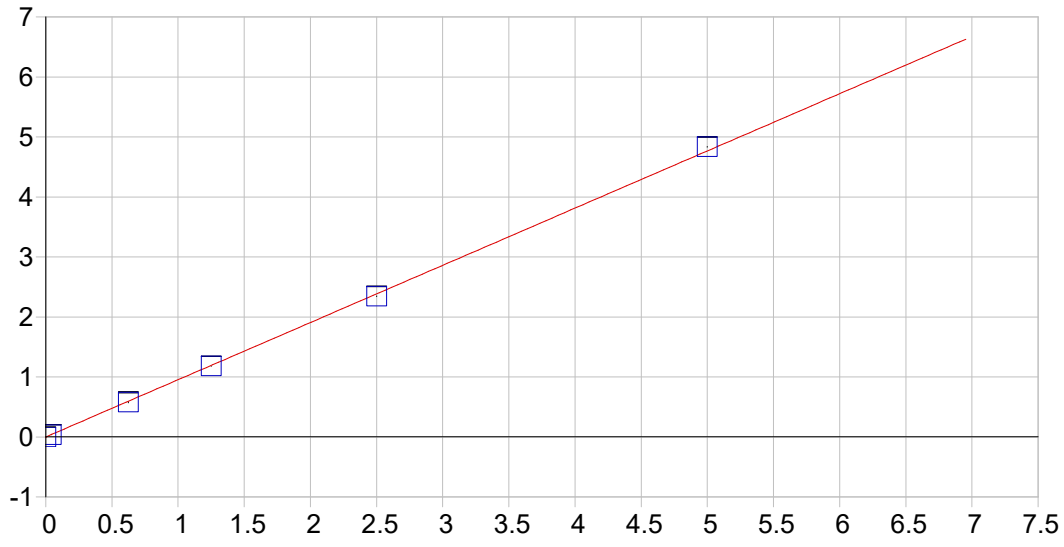
Mg 279.079 {121}

Date of Fit:	12/27/2024 18:53:57	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.001401	Re-Slope:	1.000000
A1 (Gain):	0.010188	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999979	Status:	OK.
Std Error of Est:	0.000233		
Predicted MDL:	0.095496		
Predicted MQL:	0.318319		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00017	-.000	.000	-.00140	.001	1
S1	5.0000	5.1921	.192	3.84	.05150	.000	1
S2	62.500	62.826	.326	.522	.63866	.004	1
S3	125.00	125.12	.122	.097	1.2733	.004	1
S4	250.00	246.69	-3.31	-1.33	2.5118	.068	1
S5	500.00	498.81	-1.19	-.238	5.0804	.014	1
S6	800.00	803.86	3.86	.483	8.1882	.023	1

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5



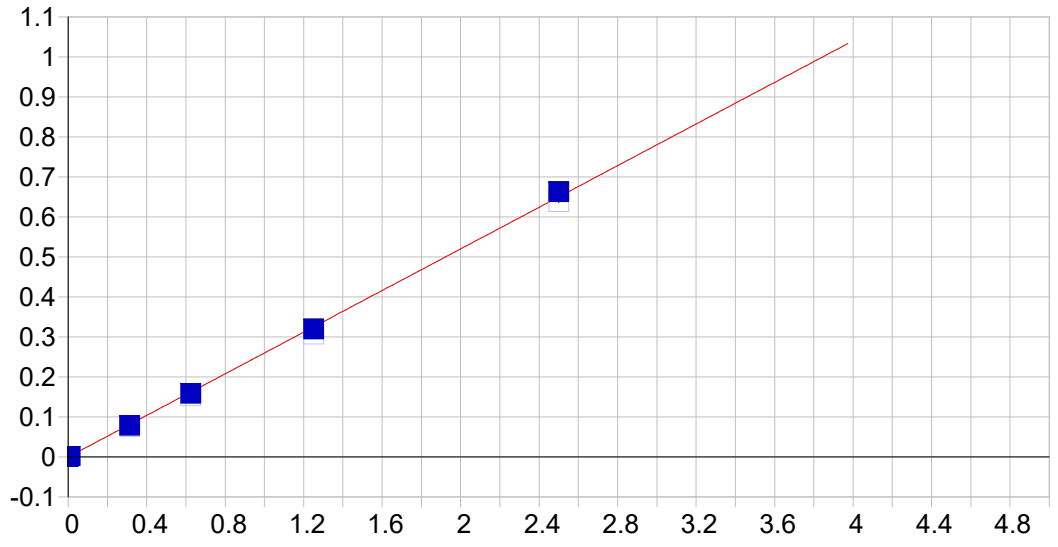
Ni 231.604 {446}

Date of Fit:	12/27/2024 18:53:57	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000284	Re-Slope:	1.000000
A1 (Gain):	0.953359	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999885	Status:	OK.
Std Error of Est:	0.000343		
Predicted MDL:	0.000608		
Predicted MQL:	0.002025		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00028	.001	1
S1	.04000	.03944	-.001	-1.41	.03731	.000	1
S2	.62500	.60904	-.016	-2.55	.58035	.011	1
S3	1.2500	1.2372	-.013	-1.02	1.1792	.002	1
S4	2.5000	2.4598	-.040	-1.61	2.3448	.006	1
S5	5.0000	5.0696	.070	1.39	4.8328	.006	1

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5



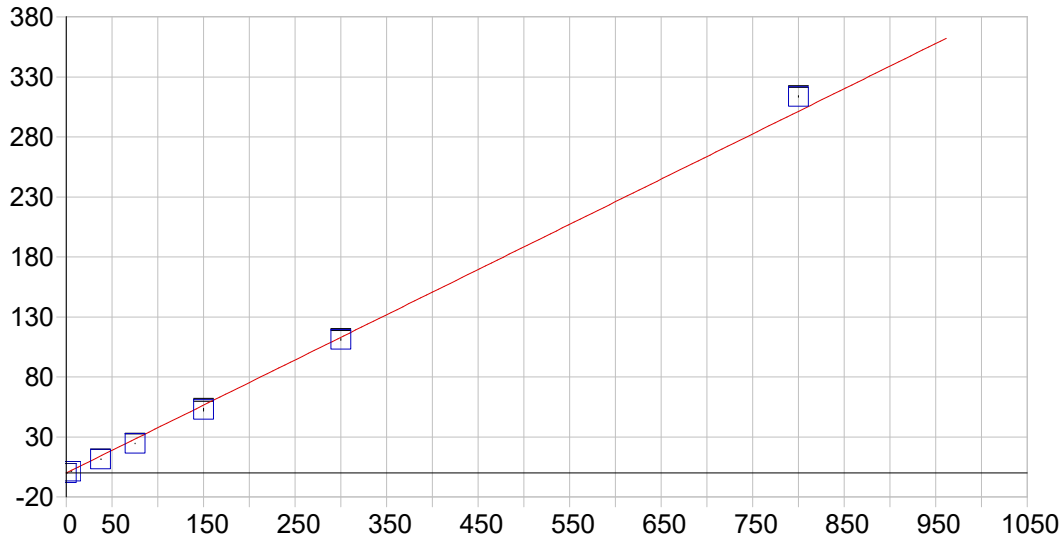
Ag 328.068 {103}

Date of Fit:	12/27/2024 18:53:57	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000392	Re-Slope:	1.000000
A1 (Gain):	0.260195	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999784	Status:	OK.
Std Error of Est:	0.000044		
Predicted MDL:	0.001439		
Predicted MQL:	0.004798		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00039	.000	1
S1	.01000	.00990	-.000	-.957	.00218	.000	1
S2	.31250	.30316	-.009	-2.99	.07537	.000	1
S3	.62500	.61087	-.014	-2.26	.15231	.000	1
S4	1.2500	1.2271	-.023	-1.83	.30641	.001	1
S5	2.5000	2.5465	.046	1.86	.63720	.001	1

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5



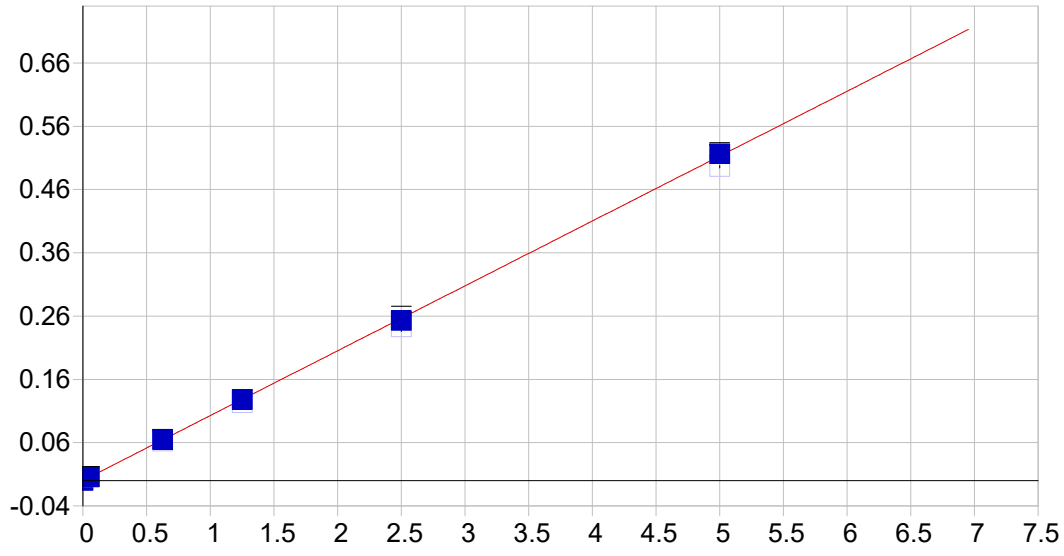
Na 818.326 { 41}

Date of Fit:	12/27/2024 18:53:57	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.031962	Re-Slope:	1.000000
A1 (Gain):	0.376774	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.998153	Status:	OK.
Std Error of Est:	0.070893		
Predicted MDL:	0.027106		
Predicted MQL:	0.090352		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00322	.003	.000	-.03075	.016	1
S1	5.0000	3.5593	-1.44	-28.8	1.3091	.017	1
S2	37.500	30.665	-6.84	-18.2	11.522	.042	1
S3	75.000	65.111	-9.89	-13.2	24.500	.317	1
S4	150.00	140.00	-10.0	-6.67	52.716	1.16	1
S5	300.00	295.25	-4.75	-1.58	111.21	.794	1
S6	800.00	832.92	32.9	4.12	313.79	.727	1

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5



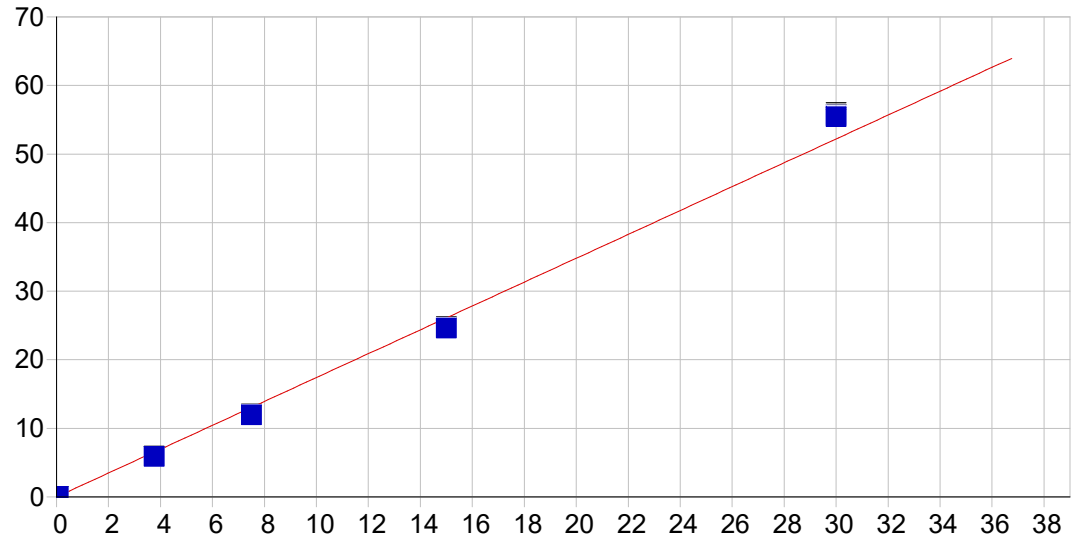
V 292.402 {115}

Date of Fit:	12/27/2024 18:53:57	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000187	Re-Slope:	1.000000
A1 (Gain):	0.102531	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999953	Status:	OK.
Std Error of Est:	0.000025		
Predicted MDL:	0.011369		
Predicted MQL:	0.037898		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00019	.001	1
S1	.05000	.05004	.000	.084	.00530	.001	1
S2	.62500	.62931	.004	.690	.06214	.000	1
S3	1.2500	1.2450	-.005	-.397	.12271	.000	1
S4	2.5000	2.4645	-.036	-1.42	.24260	.007	1
S5	5.0000	5.0361	.036	.723	.49600	.002	1

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5



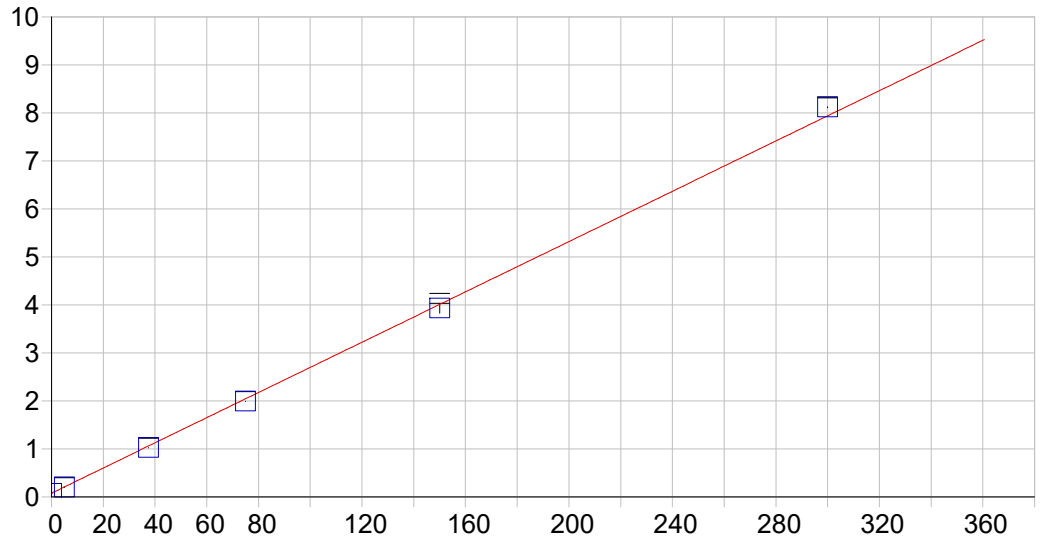
Zn 213.856 {158}

Date of Fit:	12/27/2024 18:53:57	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.004113	Re-Slope:	1.000000
A1 (Gain):	1.739977	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.997774	Status:	OK.
Std Error of Est:	0.008315		
Predicted MDL:	0.000705		
Predicted MQL:	0.002351		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00002	.000	.000	.00414	.001	1
S1	.06000	.05488	-.005	-8.54	.09992	.001	1
S2	3.7500	3.3835	-.367	-9.77	5.9232	.016	1
S3	7.5000	6.8681	-.632	-8.43	12.018	.083	1
S4	15.000	14.142	-.858	-5.72	24.739	.081	1
S5	30.000	31.861	1.86	6.20	55.697	.366	1

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5



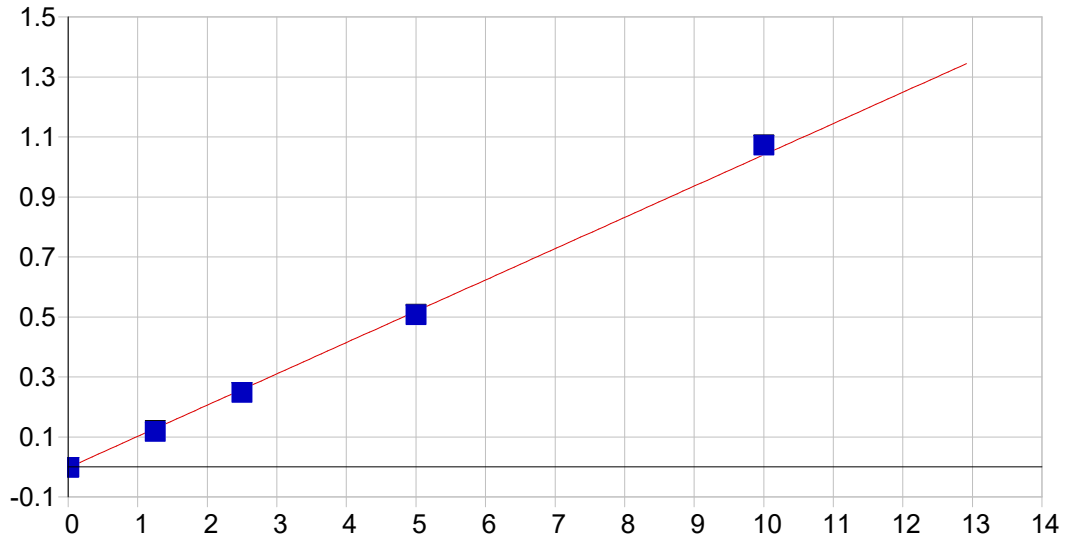
K 769.896 { 44}

Date of Fit:	12/27/2024 18:53:57	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.078852	Re-Slope:	1.000000
A1 (Gain):	0.026202	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999691	Status:	OK.
Std Error of Est:	0.001343		
Predicted MDL:	0.157116		
Predicted MQL:	0.523721		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00068	.001	.000	.07887	.003	1
S1	5.0000	4.6343	-.366	-7.31	.20028	.009	1
S2	37.500	36.084	-1.42	-3.78	1.0243	.003	1
S3	75.000	72.980	-2.02	-2.69	1.9911	.005	1
S4	150.00	146.98	-3.02	-2.01	3.9301	.101	1
S5	300.00	306.82	6.82	2.27	8.1183	.011	1

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5



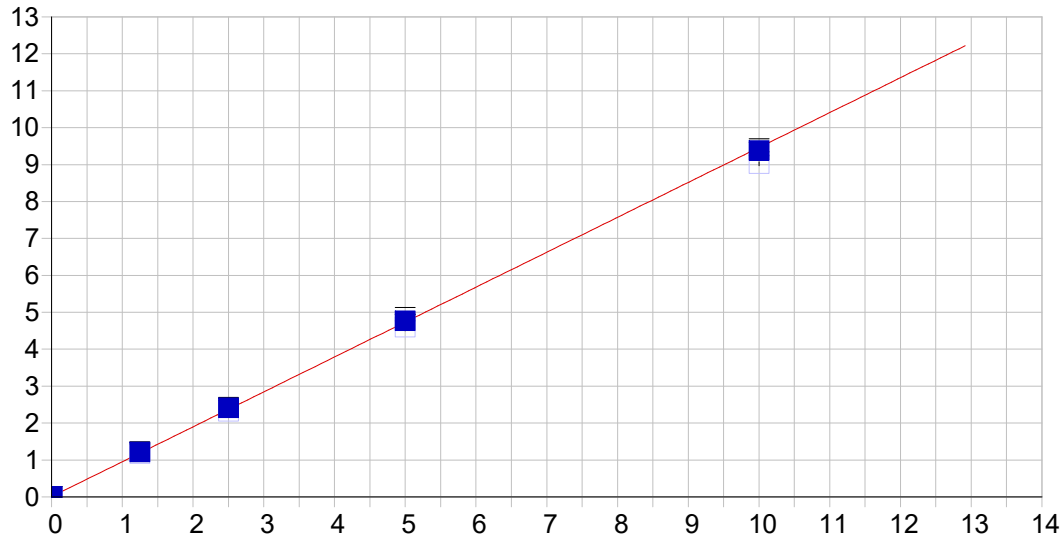
P 177.495 {490}

Date of Fit:	12/27/2024 18:53:57	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.002554	Re-Slope:	1.000000
A1 (Gain):	0.104279	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999370	Status:	OK.
Std Error of Est:	0.000062		
Predicted MDL:	0.002717		
Predicted MQL:	0.009058		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00255	.000	1
S1	.01000	.00829	-.002	-17.1	-.00169	.000	1
S2	1.2500	1.1573	-.093	-7.42	.11794	.003	1
S3	2.5000	2.3983	-.102	-4.07	.24716	.000	1
S4	5.0000	4.8854	-.115	-2.29	.50613	.002	1
S5	10.000	10.311	.311	3.11	1.0711	.001	1

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5



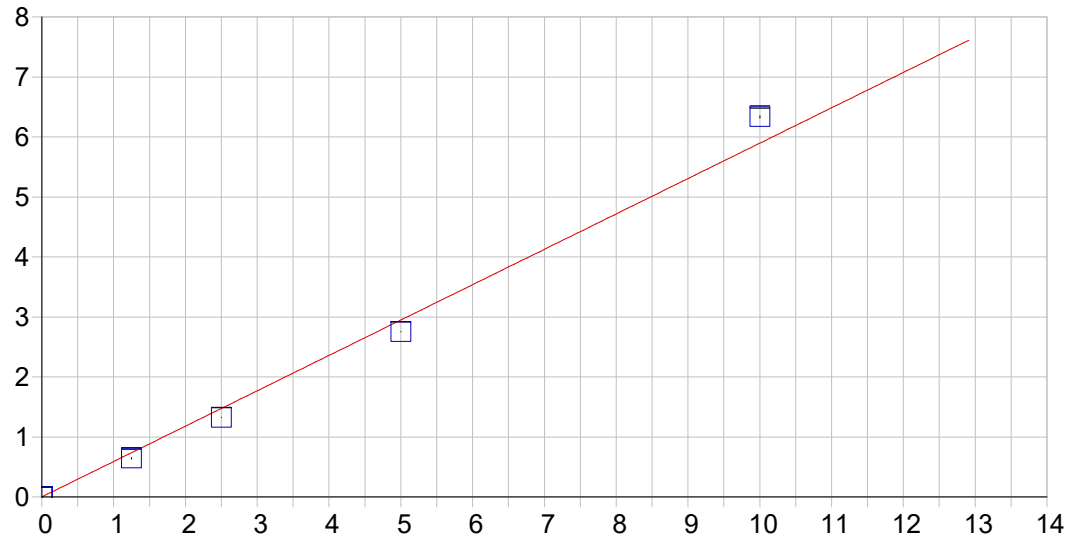
B 249.678 {135}

Date of Fit:	12/27/2024 18:53:57	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.007337	Re-Slope:	1.000000
A1 (Gain):	0.945534	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999556	Status:	OK.
Std Error of Est:	0.000455		
Predicted MDL:	0.002029		
Predicted MQL:	0.006764		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00735	.001	1
S1	.01000	-.00155	-.012	-116.	.00582	.001	1
S2	1.2500	1.2751	.025	2.01	1.1681	.009	1
S3	2.5000	2.5369	.037	1.48	2.3162	.018	1
S4	5.0000	5.0364	.036	.728	4.5897	.089	1
S5	10.000	9.9135	-.086	-.865	9.0213	.049	1

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5



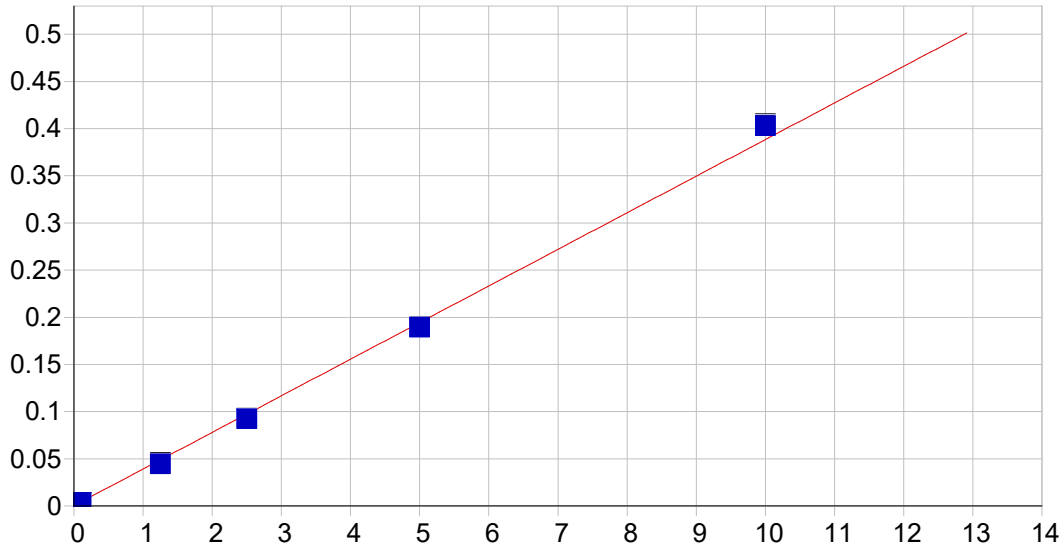
Mo 202.030 {467}

Date of Fit:	12/27/2024 18:53:57	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000217	Re-Slope:	1.000000
A1 (Gain):	0.589536	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.996721	Status:	OK.
Std Error of Est:	0.000802		
Predicted MDL:	0.000561		
Predicted MQL:	0.001871		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00022	.000	1
S1	.01000	.00946	-.001	-5.40	.00579	.000	1
S2	1.2500	1.0900	-.160	-12.8	.64280	.012	1
S3	2.5000	2.2442	-.256	-10.2	1.3232	.002	1
S4	5.0000	4.6719	-.328	-6.56	2.7545	.005	1
S5	10.000	10.744	.744	7.44	6.3344	.019	1

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5



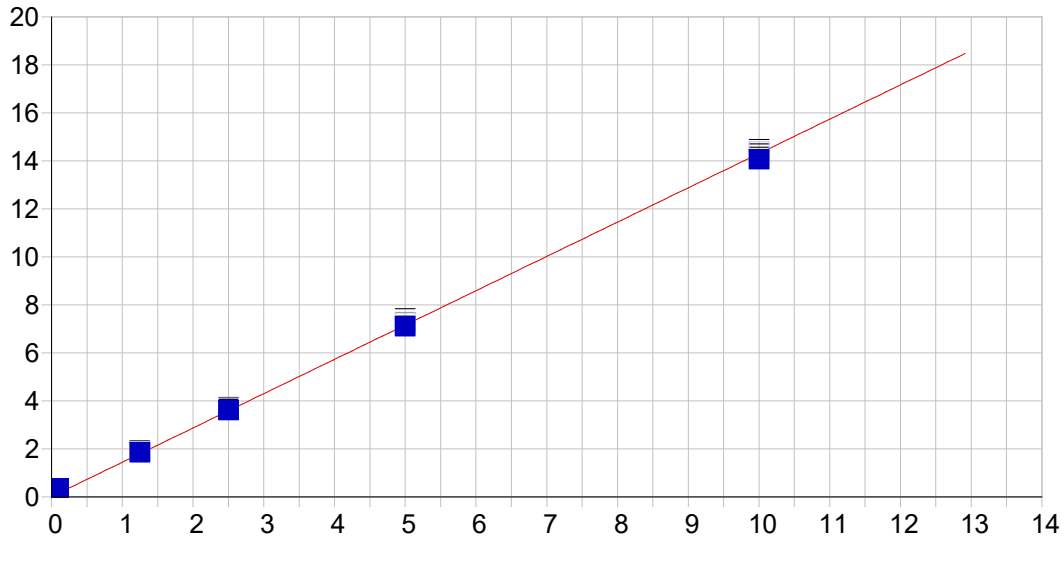
S 182.034 {485}

Date of Fit:	12/27/2024 18:53:57	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000345	Re-Slope:	1.000000
A1 (Gain):	0.038810	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999045	Status:	OK.
Std Error of Est:	0.000090		
Predicted MDL:	0.006062		
Predicted MQL:	0.020205		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00003	.000	.000	.00035	.000	1
S1	.10000	.08621	-.014	-13.8	.00369	.000	1
S2	1.2500	1.1384	-.112	-8.93	.04468	.001	1
S3	2.5000	2.3706	-.129	-5.18	.09266	.000	1
S4	5.0000	4.8737	-.126	-2.53	.19012	.000	1
S5	10.000	10.381	.381	3.81	.40448	.001	1

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5



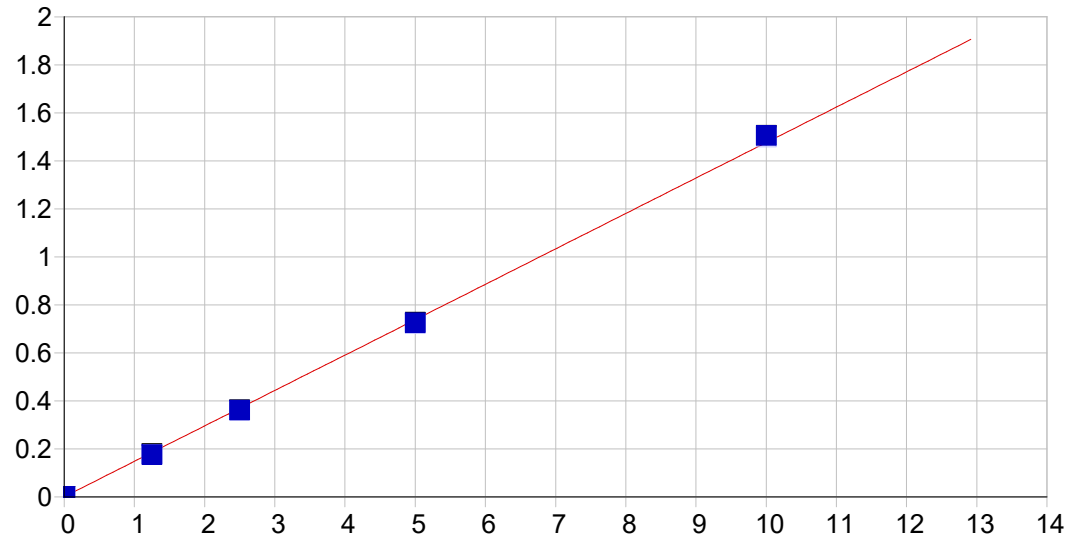
Si 251.611 {134}

Date of Fit:	12/27/2024 18:53:57	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.014317	Re-Slope:	1.000000
A1 (Gain):	1.429473	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.994603	Status:	OK.
Std Error of Est:	0.008104		
Predicted MDL:	0.001310		
Predicted MQL:	0.004368		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00015	-.000	.000	.01411	.002	1
S1	.10000	.24485	.145	145.	.36635	.002	1
S2	1.2500	1.2881	.038	3.05	1.8962	.018	1
S3	2.5000	2.5224	.022	.895	3.7011	.038	1
S4	5.0000	4.9656	-.034	-.688	7.2748	.155	1
S5	10.000	9.8303	-.170	-1.70	14.391	.095	1

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5



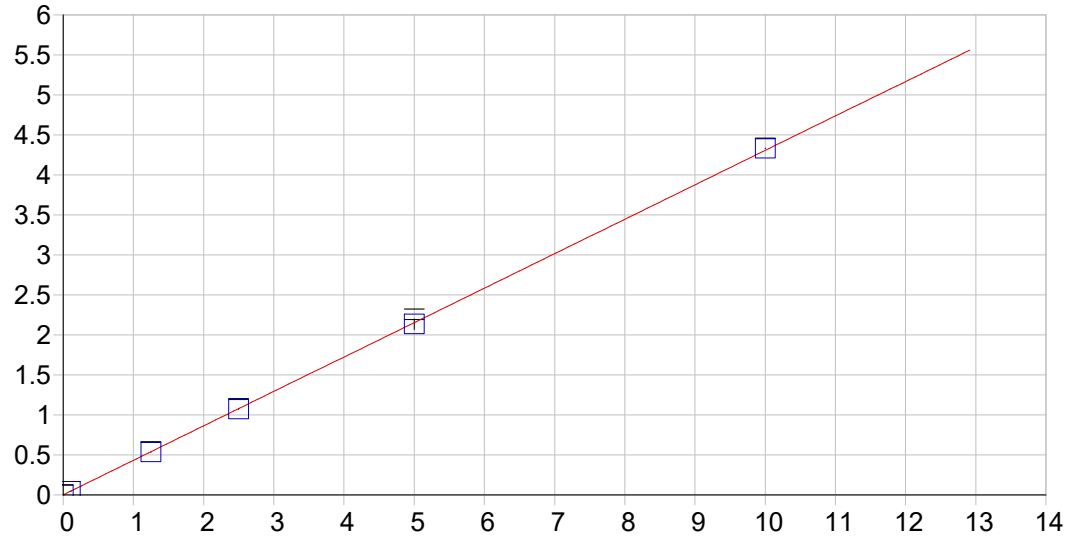
Sn 189.989 {478}

Date of Fit:	12/27/2024 18:53:57	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000613	Re-Slope:	1.000000
A1 (Gain):	0.147576	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999736	Status:	OK.
Std Error of Est:	0.000047		
Predicted MDL:	0.001570		
Predicted MQL:	0.005235		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00061	.000	1
S1	.00700	.00521	-.002	-25.6	.00134	.000	1
S2	1.2500	1.1926	-.057	-4.59	.17568	.003	1
S3	2.5000	2.4451	-.055	-2.19	.35961	.001	1
S4	5.0000	4.9137	-.086	-1.73	.72206	.003	1
S5	10.000	10.200	.200	2.00	1.4985	.001	1

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5



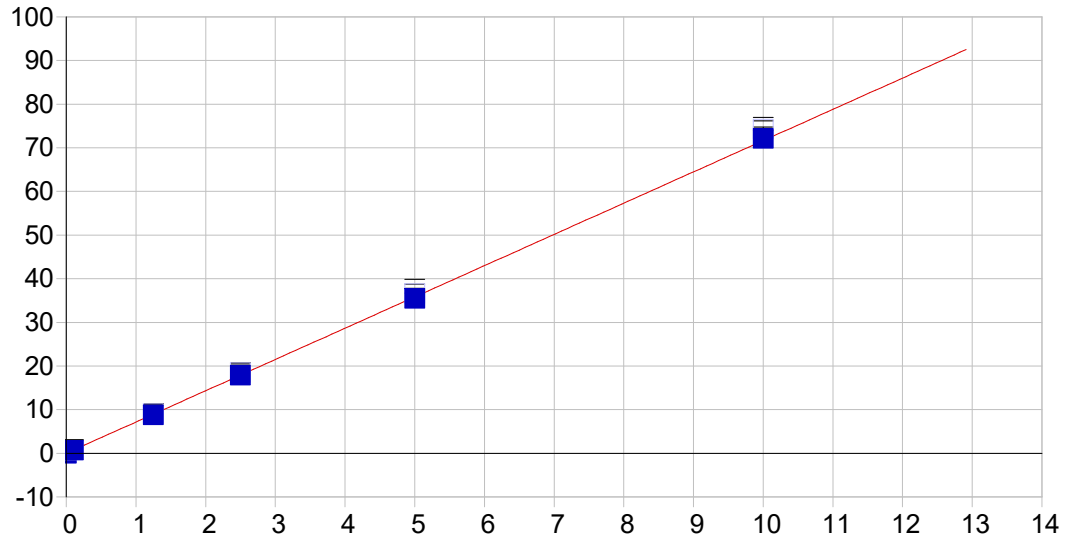
Ti 336.121 {100}

Date of Fit:	12/27/2024 18:53:57	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.001964	Re-Slope:	1.000000
A1 (Gain):	0.430420	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999976	Status:	OK.
Std Error of Est:	0.000160		
Predicted MDL:	0.004066		
Predicted MQL:	0.013555		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00196	.000	1
S1	.10000	.09944	-.001	-.558	.04477	.001	1
S2	1.2500	1.2407	-.009	-.743	.53599	.004	1
S3	2.5000	2.4897	-.010	-.412	1.0736	.006	1
S4	5.0000	4.9559	-.044	-.882	2.1351	.067	1
S5	10.000	10.064	.064	.643	4.3338	.004	1

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5



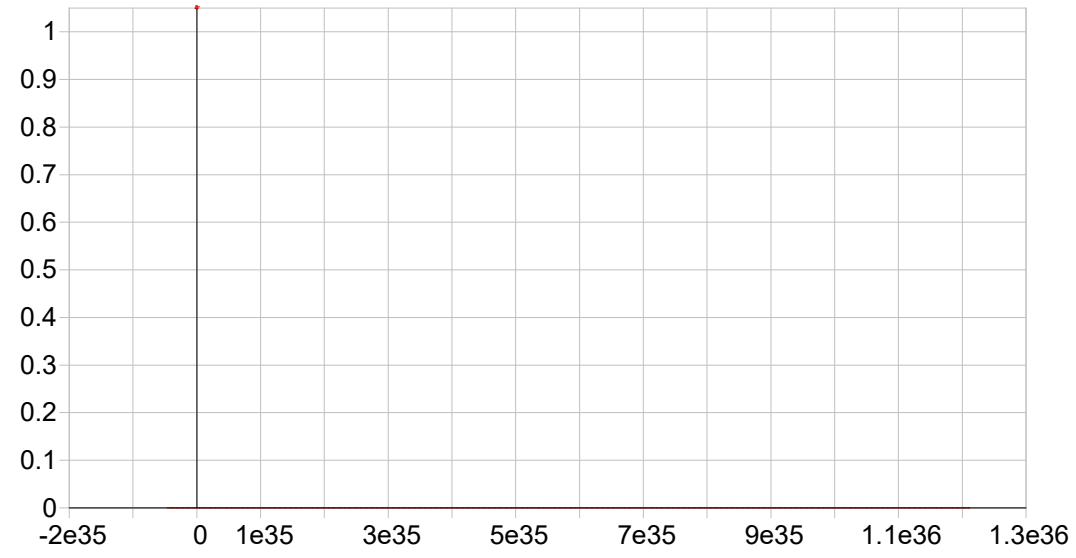
Sr 407.771 { 83}

Date of Fit:	12/27/2024 18:53:57	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.002159	Re-Slope:	1.000000
A1 (Gain):	7.164940	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999965	Status:	OK.
Std Error of Est:	0.003270		
Predicted MDL:	0.000308		
Predicted MQL:	0.001027		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00217	.002	1
S1	.10000	.10394	.004	3.94	.74331	.001	1
S2	1.2500	1.2291	-.021	-1.67	9.0733	.011	1
S3	2.5000	2.4983	-.002	-.067	18.436	.045	1
S4	5.0000	4.9526	-.047	-.948	36.558	1.05	1
S5	10.000	10.066	.066	.661	74.270	.411	1

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

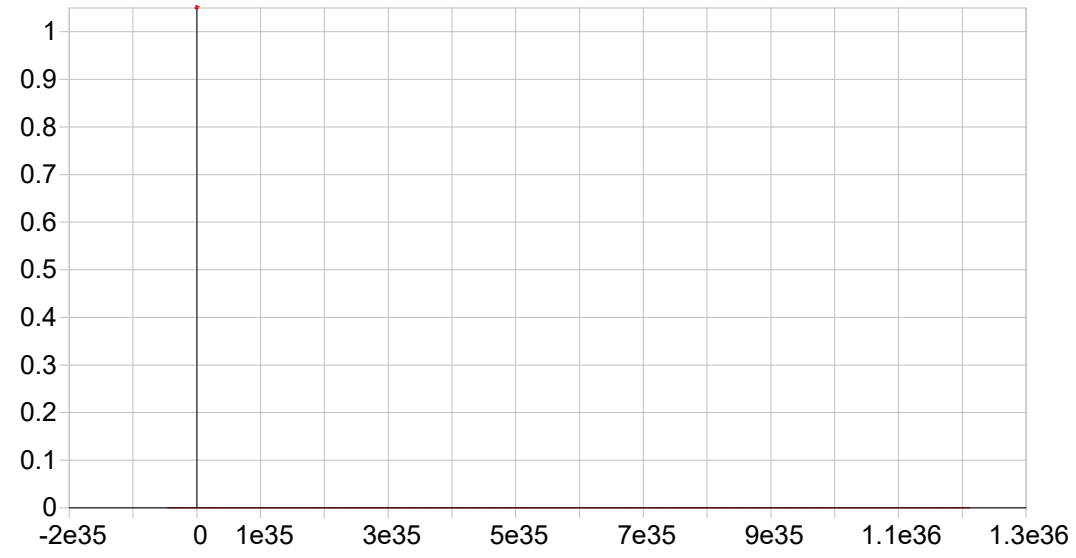


Y 224.306 {450}*

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}*

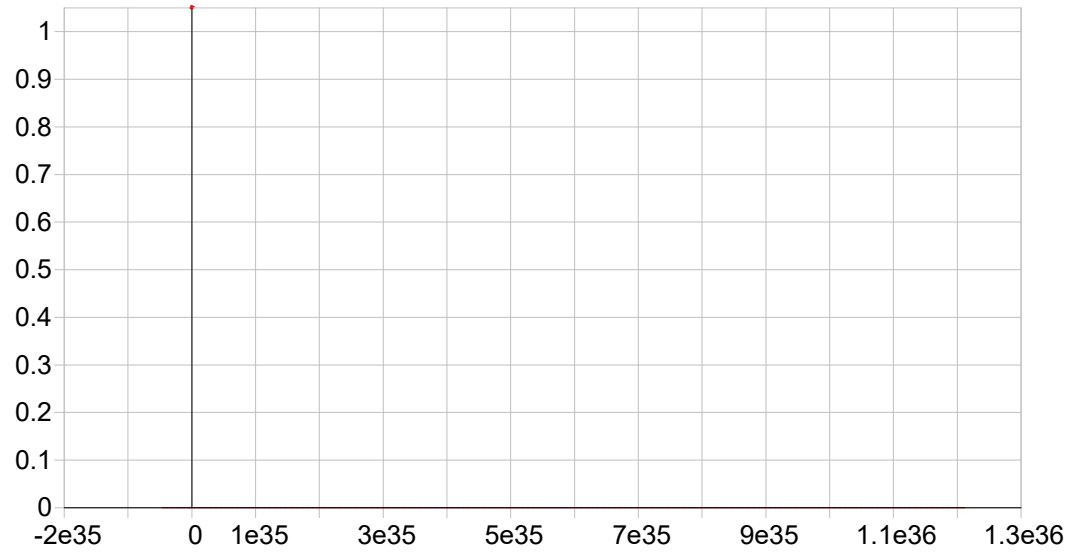
Date of Fit:	<not fit>	Type of Fit:	Linear	Weighting:	1/Conc

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

Reviewed By:mohan
On:12/31/2024
11:25:14 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

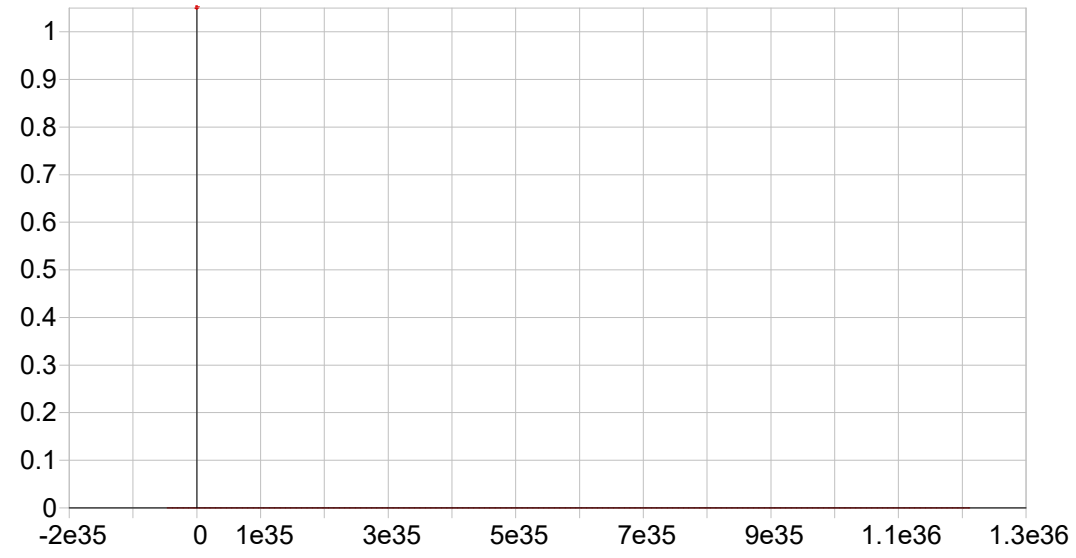


Y 371.030 { 91}*

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

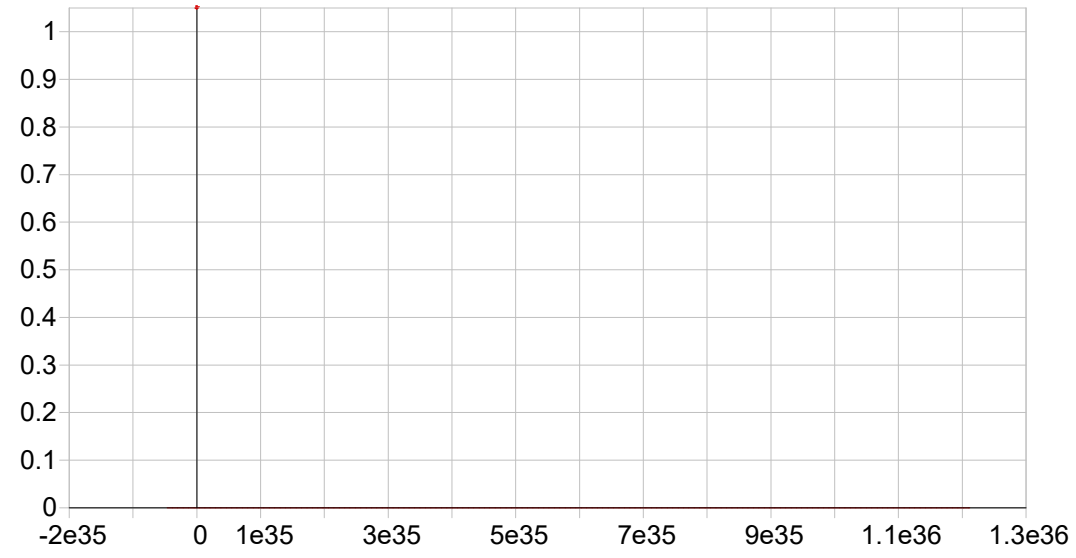
Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5



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



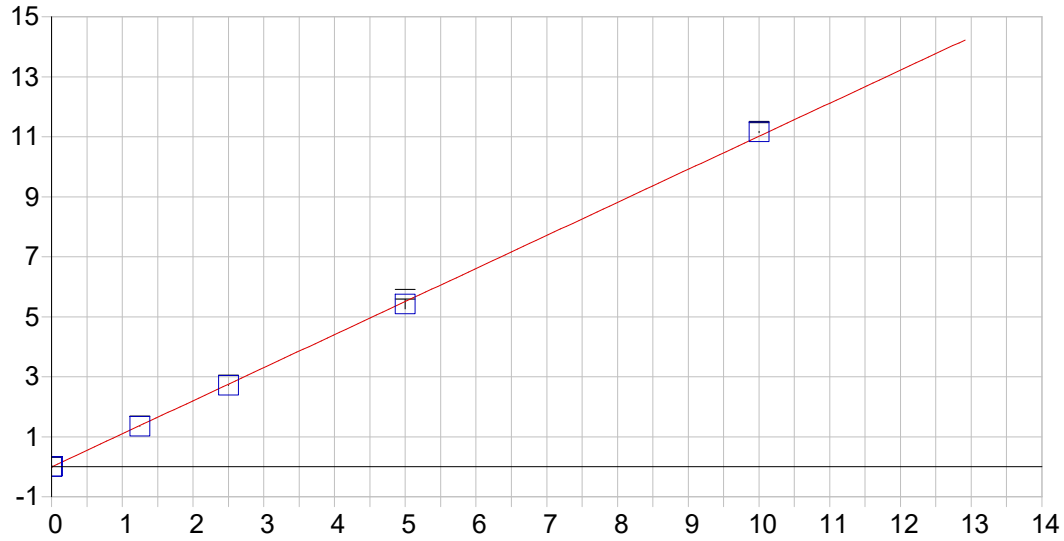
In 230.606 {446}*

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:mohan
On:12/31/2024
11:25:14 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:	12/27/2024 18:53:57	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.003424	Re-Slope:	1.000000
A1 (Gain):	1.101915	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999899	Status:	OK.
Std Error of Est:	0.000322		
Predicted MDL:	0.004247		
Predicted MQL:	0.014157		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00342	.001	1
S5	10.000	10.133	.133	1.33	11.162	.020	1
S4	5.0000	4.9208	-.079	-1.58	5.4188	.158	1
S3	2.5000	2.4677	-.032	-1.29	2.7158	.009	1
S2	1.2500	1.2296	-.020	-1.63	1.3515	.003	1
S1	.01500	.01422	-.001	-5.18	.01225	.010	1

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: S0 Acquired: 12/27/2024 12:22:59 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) 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	.02740	-.00022	.00038	-.00008	.00026	-.00026	.09200	.00174
Stddev	.11665	.00035	.00038	.00037	.00007	.00411	.00483	.00024
%RSD	425.68	158.21	97.621	441.78	28.941	1560.3	5.2488	13.965
#1	.02666	-.00058	.00033	.00028	.00032	-.00024	.09672	.00146
#2	.14443	-.00022	.00004	-.00046	.00027	.00384	.08707	.00193
#3	-.08888	.00013	.00078	-.00007	.00018	-.00438	.09221	.00182

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	.00036	.00362	.00020	-.00030	.00256	-.00028	.00035	-.00140
Stddev	.00035	.00300	.00007	.00025	.00076	.00053	.00032	.00143
%RSD	96.424	82.947	35.074	81.400	29.871	191.00	90.810	101.92
#1	.00058	.00076	.00016	-.00007	.00303	-.00008	.00067	-.00301
#2	-.00004	.00335	.00016	-.00056	.00168	.00013	.00035	-.00094
#3	.00055	.00674	.00029	-.00029	.00297	-.00088	.00003	-.00026

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	-.00028	-.00039	-.03075	.00019	.00414	.07887	-.00255	.00735
Stddev	.00054	.00023	.01564	.00085	.00083	.00342	.00020	.00124
%RSD	191.28	58.240	50.853	454.54	20.114	4.3423	7.7473	16.828
#1	.00031	-.00061	-.03638	.00022	.00418	.08174	-.00277	.00611
#2	-.00042	-.00015	-.01308	-.00068	.00329	.07508	-.00237	.00736
#3	-.00074	-.00041	-.04279	.00102	.00495	.07979	-.00252	.00858

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077	Li6707
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.00022	.00035	.01411	.00061	.00196	-.00217	-.00342
Stddev	.00008	.00019	.00222	.00028	.00035	.00236	.00076
%RSD	36.381	56.162	15.728	45.174	17.993	108.80	22.216
#1	.00021	.00013	.01601	.00055	.00182	-.00297	-.00294
#2	.00030	.00042	.01465	.00091	.00170	.00049	-.00430
#3	.00014	.00050	.01167	.00037	.00237	-.00404	-.00303

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: S0 Acquired: 12/27/2024 12:22:59 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) 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	2026.4	25409.	1993.7	1694.0	1833.4
Stddev	10.5	59.	10.9	4.3	9.2
%RSD	.51906	.23177	.54869	.25565	.50402
#1	2022.3	25341.	1995.1	1690.2	1828.6
#2	2038.4	25445.	2003.8	1693.0	1844.1
#3	2018.6	25441.	1982.1	1698.7	1827.5

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: S1 Acquired: 12/27/2024 12:27:05 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) 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	1.8116	.00277	.00300	.00176	.00584	.01893	.80417	.05403
Stddev	.8987	.00034	.00053	.00016	.00034	.00390	.01691	.00090
%RSD	49.607	12.219	17.628	9.3345	5.7435	20.607	2.1032	1.6699
#1	2.1375	.00316	.00355	.00163	.00590	.02107	.82051	.05345
#2	.79545	.00252	.00250	.00171	.00548	.02129	.80527	.05356
#3	2.5019	.00264	.00295	.00194	.00614	.01443	.78674	.05507

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	.02851	.38548	.00215	.05179	.00679	.00197	.00845	.05150
Stddev	.00055	.00318	.00004	.00060	.00116	.00034	.00080	.00015
%RSD	1.9200	.82368	1.8006	1.1508	17.065	16.990	9.5073	.28427
#1	.02788	.38531	.00213	.05242	.00659	.00185	.00920	.05136
#2	.02877	.38873	.00213	.05123	.00575	.00235	.00856	.05147
#3	.02888	.38239	.00219	.05171	.00804	.00172	.00760	.05165

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	.03731	.00218	1.3091	.00530	.09992	.20028	-.00169	.00582
Stddev	.00039	.00027	.0172	.00134	.00075	.00853	.00029	.00055
%RSD	1.0370	12.622	1.3159	25.312	.75394	4.2572	16.977	9.4462
#1	.03687	.00220	1.3227	.00680	.10071	.20725	-.00188	.00598
#2	.03748	.00189	1.2897	.00492	.09986	.20283	-.00136	.00520
#3	.03759	.00244	1.3149	.00419	.09920	.19077	-.00182	.00626

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	.00579	.00369	.36635	.00134	.04477	.74331	.01225
Stddev	.00032	.00025	.00215	.00013	.00104	.00093	.01049
%RSD	5.5293	6.8203	.58811	9.5307	2.3124	.12546	85.680
#1	.00571	.00382	.36826	.00135	.04367	.74337	.00162
#2	.00552	.00385	.36678	.00120	.04491	.74422	.02260
#3	.00615	.00340	.36401	.00146	.04572	.74235	.01253

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: S1 Acquired: 12/27/2024 12:27:05 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) 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	2042.7	25683.	2022.7	1705.5	1853.7
Stddev	5.8	129.	10.1	8.7	4.8
%RSD	.28551	.50157	.49821	.50861	.25746
#1	2046.9	25765.	2021.4	1707.2	1859.0
#2	2036.0	25534.	2013.3	1696.1	1849.7
#3	2045.1	25749.	2033.3	1713.2	1852.3

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: S2 Acquired: 12/27/2024 12:31:09 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) 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	203.76	.15697	2.1704	.08206	.13003	3.7575	8.9096	1.2854
Stddev	1.30	.00318	.0440	.00177	.00288	.0121	.0291	.0092
%RSD	.63939	2.0284	2.0268	2.1528	2.2111	.32104	.32657	.71198
#1	204.71	.15779	2.1934	.08274	.13109	3.7714	8.9384	1.2880
#2	202.28	.15346	2.1197	.08006	.12677	3.7512	8.9100	1.2753
#3	204.29	.15966	2.1982	.08339	.13222	3.7499	8.8802	1.2931

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3.5125	4.6649	.76594	.63219	.74777	.82487	1.8234	.63866
Stddev	.0700	.0196	.00210	.01251	.00295	.00378	.0024	.00445
%RSD	1.9925	.41958	.27443	1.9787	.39407	.45859	.13070	.69699
#1	3.5496	4.6866	.76794	.63960	.74874	.82710	1.8224	.64284
#2	3.4318	4.6595	.76612	.61775	.75010	.82701	1.8261	.63398
#3	3.5562	4.6486	.76375	.63924	.74446	.82051	1.8217	.63915

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	.58035	.07537	11.522	.06214	5.9232	1.0243	.11794	1.1681
Stddev	.01115	.00023	.042	.00031	.0161	.0032	.00253	.0092
%RSD	1.9205	.29887	.36694	.49896	.27206	.31290	2.1462	.78699
#1	.58655	.07558	11.519	.06245	5.9336	1.0241	.11936	1.1750
#2	.56748	.07539	11.481	.06183	5.9046	1.0212	.11501	1.1576
#3	.58701	.07513	11.565	.06216	5.9314	1.0276	.11943	1.1715

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	.64280	.04468	1.8962	.17568	.53599	9.0733	1.3515
Stddev	.01188	.00110	.0176	.00345	.00376	.0114	.0026
%RSD	1.8483	2.4570	.92887	1.9663	.70154	.12514	.19417
#1	.64880	.04539	1.9121	.17770	.53865	9.0840	1.3543
#2	.62912	.04342	1.8772	.17169	.53169	9.0614	1.3490
#3	.65049	.04523	1.8992	.17765	.53763	9.0745	1.3512

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: S2 Acquired: 12/27/2024 12:31:09 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) 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	1982.2	25422.	2030.5	1645.9	1748.6
Stddev	32.4	104.	9.5	4.0	30.8
%RSD	1.6328	.40820	.46946	.24338	1.7636
#1	1964.6	25390.	2022.9	1642.4	1730.5
#2	2019.5	25338.	2041.2	1645.0	1784.3
#3	1962.3	25538.	2027.5	1650.3	1731.2

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: S3 Acquired: 12/27/2024 12:34:59 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) 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	402.37	.31719	4.3988	.16920	.26886	7.5271	17.781	2.5193
Stddev	1.69	.00062	.0047	.00048	.00035	.0185	.047	.0284
%RSD	.42066	.19459	.10611	.28506	.12946	.24556	.26399	1.1260
#1	400.42	.31731	4.4038	.16913	.26849	7.5057	17.728	2.5095
#2	403.41	.31652	4.3946	.16972	.26892	7.5376	17.796	2.5513
#3	403.28	.31774	4.3980	.16876	.26918	7.5379	17.819	2.4971

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	7.1153	9.2811	1.5162	1.2714	1.4868	1.6515	3.6323	1.2733
Stddev	.0074	.0238	.0024	.0008	.0020	.0031	.0048	.0045
%RSD	.10419	.25633	.15642	.06485	.13297	.18666	.13271	.35017
#1	7.1233	9.2536	1.5143	1.2723	1.4887	1.6491	3.6375	1.2690
#2	7.1137	9.2952	1.5154	1.2706	1.4871	1.6550	3.6312	1.2779
#3	7.1087	9.2945	1.5188	1.2714	1.4847	1.6504	3.6281	1.2731

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	1.1792	.15231	24.500	.12271	12.018	1.9911	.24716	2.3162
Stddev	.0025	.00024	.317	.00031	.083	.0046	.00041	.0177
%RSD	.21148	.15433	1.2928	.25375	.68772	.23016	.16660	.76554
#1	1.1792	.15224	24.431	.12255	12.113	1.9894	.24737	2.3105
#2	1.1817	.15212	24.846	.12250	11.982	1.9877	.24742	2.3360
#3	1.1767	.15257	24.224	.12306	11.960	1.9963	.24669	2.3020

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	1.3232	.09266	3.7011	.35961	1.0736	18.436	2.7158
Stddev	.0022	.00025	.0378	.00077	.0062	.045	.0086
%RSD	.16926	.26611	1.0225	.21423	.57500	.24198	.31548
#1	1.3242	.09259	3.6887	.36050	1.0665	18.396	2.7063
#2	1.3249	.09246	3.7436	.35919	1.0763	18.484	2.7230
#3	1.3207	.09293	3.6710	.35914	1.0779	18.426	2.7181

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: S3 Acquired: 12/27/2024 12:34:59 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) 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	1887.1	24866.	2021.0	1567.9	1669.0
Stddev	7.9	89.	14.4	13.2	7.4
%RSD	.42124	.35918	.71473	.84143	.44491
#1	1879.6	24877.	2026.6	1555.3	1660.7
#2	1886.2	24950.	2004.6	1581.6	1671.3
#3	1895.4	24772.	2031.8	1566.9	1675.0

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: S4 Acquired: 12/27/2024 12:38:44 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) 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	786.14	.62551	8.8290	.34727	.56443	14.997	35.338	4.9831
Stddev	2.35	.00116	.0208	.00187	.00120	.446	1.064	.1179
%RSD	.29944	.18587	.23508	.53955	.21301	2.9716	3.0119	2.3655
#1	788.34	.62420	8.8077	.34755	.56352	14.500	34.147	4.8644
#2	783.66	.62641	8.8299	.34528	.56397	15.361	36.197	5.1001
#3	786.43	.62593	8.8492	.34899	.56579	15.130	35.669	4.9847

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	14.136	18.197	2.9797	2.5064	2.9248	3.2282	7.1016	2.5118
Stddev	.028	.508	.0046	.0061	.0792	.0944	.1978	.0683
%RSD	.20073	2.7903	.15445	.24473	2.7081	2.9247	2.7849	2.7181
#1	14.105	17.626	2.9842	2.4999	2.8342	3.1220	6.8803	2.4336
#2	14.142	18.596	2.9750	2.5071	2.9806	3.3027	7.2611	2.5599
#3	14.161	18.370	2.9798	2.5121	2.9597	3.2599	7.1634	2.5418

Elem	Ni2316	Ag3280	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2.3448	.30641	52.716	.24260	24.739	3.9301	.50613	4.5897
Stddev	.0059	.00106	1.157	.00704	.081	.1009	.00183	.0893
%RSD	.25185	.34697	2.1954	2.9010	.32572	2.5670	.36070	1.9447
#1	2.3402	.30659	51.486	.23479	24.792	3.8165	.50421	4.4937
#2	2.3426	.30527	53.784	.24846	24.646	4.0093	.50634	4.6702
#3	2.3514	.30737	52.876	.24455	24.779	3.9646	.50785	4.6051

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	2.7545	.19012	7.2748	.72206	2.1351	36.558	5.4188
Stddev	.0049	.00017	.1548	.00278	.0668	1.046	.1579
%RSD	.17916	.08779	2.1282	.38467	3.1290	2.8604	2.9146
#1	2.7514	.19017	7.1156	.71899	2.0617	35.380	5.2418
#2	2.7519	.19025	7.4248	.72278	2.1925	37.377	5.5452
#3	2.7602	.18993	7.2839	.72441	2.1510	36.916	5.4696

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: S4 Acquired: 12/27/2024 12:38:44 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) 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	1756.1	24460.	2001.8	1462.7	1599.6
Stddev	6.6	78.	41.0	9.5	7.2
%RSD	.37424	.31713	2.0499	.64919	.45095
#1	1763.5	24414.	2045.9	1458.7	1607.2
#2	1751.0	24549.	1964.8	1473.5	1592.8
#3	1753.6	24416.	1994.6	1455.8	1598.9

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: S5 Acquired: 12/27/2024 12:42:29 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) 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	1537.6	1.2717	18.376	.78293	1.3157	30.891	72.356	9.9695
Stddev	6.9	.0029	.030	.00116	.0026	.032	.011	.0752
%RSD	.44708	.23037	.16302	.14855	.19576	.10489	.01502	.75404
#1	1543.7	1.2703	18.350	.78161	1.3128	30.923	72.362	10.049
#2	1530.1	1.2696	18.369	.78341	1.3173	30.892	72.362	9.8989
#3	1538.9	1.2750	18.408	.78378	1.3172	30.858	72.343	9.9610

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	28.997	36.746	6.0146	5.1619	5.9553	6.4864	14.263	5.0804
Stddev	.056	.052	.0135	.0120	.0158	.0227	.021	.0140
%RSD	.19169	.14173	.22444	.23234	.26519	.34935	.14397	.27505
#1	28.946	36.803	5.9994	5.1482	5.9568	6.5112	14.285	5.0913
#2	28.989	36.700	6.0250	5.1673	5.9388	6.4668	14.259	5.0852
#3	29.056	36.736	6.0196	5.1702	5.9702	6.4811	14.244	5.0646

Elem	Ni2316	Ag3280	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4.8328	.63720	111.21	.49600	55.697	8.1183	1.0711	9.0213
Stddev	.0056	.00088	.79	.00198	.366	.0108	.0012	.0490
%RSD	.11576	.13884	.71390	.39948	.65708	.13305	.11259	.54337
#1	4.8293	.63641	111.52	.49656	56.120	8.1280	1.0697	9.0678
#2	4.8299	.63816	110.31	.49765	55.501	8.1067	1.0717	8.9701
#3	4.8393	.63704	111.80	.49380	55.471	8.1202	1.0719	9.0260

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077	Li6707
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6.3344	.40448	14.391	1.4985	4.3338	74.270	11.162
Stddev	.0188	.00079	.095	.0011	.0039	.411	.020
%RSD	.29698	.19446	.65849	.07168	.09005	.55392	.18295
#1	6.3128	.40459	14.486	1.4973	4.3357	74.722	11.150
#2	6.3472	.40365	14.296	1.4993	4.3293	73.918	11.150
#3	6.3434	.40521	14.391	1.4991	4.3364	74.171	11.186

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: S5 Acquired: 12/27/2024 12:42:29 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) 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	1481.7	23234.	1969.2	1218.4	1477.4
Stddev	9.9	28.	14.2	9.1	6.9
%RSD	.67003	.12070	.72307	.74870	.46966
#1	1491.0	23244.	1953.4	1208.9	1484.5
#2	1471.3	23202.	1981.0	1219.3	1470.7
#3	1482.8	23256.	1973.2	1227.0	1477.0

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: S6 Acquired: 12/27/2024 12:46:29 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) 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	81.099	58.430	17.070	8.1882	313.79
Stddev	.387	.207	.066	.0230	.73
%RSD	.47682	.35407	.38655	.28116	.23172
#1	80.664	58.205	16.996	8.1634	314.20
#2	81.231	58.476	17.089	8.1924	314.22
#3	81.403	58.611	17.124	8.2088	312.95

Int. Std.	Y_3710
Units	Cts/S
Avg	1921.4
Stddev	7.1
%RSD	.36918
#1	1928.4
#2	1921.6
#3	1914.2

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: ICV003 Acquired: 12/27/2024 13:33:03 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICV003 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.092522	.9956109	.9565487	.9032936	.9229332	2.364004
Stddev	.009906	.0081884	.0033296	.0099259	.0032862	.044860
%RSD	.9067055	.8224462	.3480866	1.098860	.3560603	1.897638
#1	1.081625	.9861756	.9540908	.8938420	.9205742	2.312207
#2	1.094959	.9997989	.9603380	.9024047	.9215388	2.390420
#3	1.100982	1.000858	.9552173	.9136340	.9266867	2.389384

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5137152	.5125059	.4923224	9.982969	.5327023	.4915366
Stddev	.0016223	.0077134	.0003774	.051025	.0017288	.0006164
%RSD	.3158028	1.505039	.0766493	.5111187	.3245271	.1254036
#1	.5136858	.5037407	.4919520	9.966720	.5342521	.4917964
#2	.5121078	.5182577	.4923087	10.04014	.5330169	.4908328
#3	.5153520	.5155195	.4927064	9.94205	.5308378	.4919805

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4863737	10.36947	.5266918	6.114171	.4994420	.2406843
Stddev	.0048847	.09518	.0009173	.029648	.0005685	.0010682
%RSD	1.004317	.9179135	.1741630	.4848984	.1138189	.4438244
#1	.4892463	10.39398	.5270057	6.082861	.4996339	.2409903
#2	.4891412	10.45000	.5274110	6.117839	.4998896	.2415661
#3	.4807336	10.26443	.5256588	6.141815	.4988024	.2394964

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.391330	.5079699	.9695426	9.307005	F -.002124	F -.003119
Stddev	.147713	.0103812	.0034130	.178992	.002695	.001477
%RSD	1.572871	2.043670	.3520224	1.923198	126.9173	47.35678
#1	9.224464	.5197493	.9673217	9.108246	-.005046	-.004805
#2	9.505358	.5040044	.9734725	9.455470	-.001589	-.002494
#3	9.444168	.5001558	.9678336	9.357298	.000265	-.002057

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: ICV003 Acquired: 12/27/2024 13:33:03 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICV003 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .0007654	F .0034212	F .0012258	F -.001138	F -.004004	F -.009487
Stddev	.0009055	.0052467	.0004474	.000832	.003672	.000159
%RSD	118.3125	153.3596	36.49663	73.10299	91.70968	1.676727
#1	.0017829	.0092765	.0010416	-.000257	-.005456	-.009571
#2	.0000482	.0018400	.0009000	-.001910	.000172	-.009587
#3	.0004649	-.000853	.0017359	-.001246	-.006727	-.009304

Elem	Li6707
Units	ppm
Avg	F .0019923
Stddev	.0024641
%RSD	123.6815
#1	.0033738
#2	.0034558
#3	-.000853

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2074.021	26278.39	2056.929	1744.084	1868.404
Stddev	5.008	174.58	23.178	11.616	3.533
%RSD	.2414767	.6643630	1.126834	.6659977	.1890747
#1	2068.297	26101.75	2079.003	1738.534	1864.358
#2	2077.594	26282.58	2032.785	1736.285	1869.976
#3	2076.173	26450.85	2058.998	1757.433	1870.878

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: ICB003 Acquired: 12/27/2024 13:37:39 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICB003 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005882	-.002212	-.003633	-.001101	-.002058	-.013607	-.005842
Stddev	.0009713	.002019	.000685	.003281	.000452	.020258	.001042
%RSD	165.1104	91.26619	18.85291	298.0646	21.95315	148.8801	17.83683
#1	.0008560	-.004363	-.003144	.000939	-.001953	.002777	-.006918
#2	.0013976	-.000359	-.003339	.000644	-.001669	-.007340	-.004838
#3	-.000489	-.001914	-.004416	-.004885	-.002554	-.036259	-.005770

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000264	.0000205	.0000298	-.001494	-.000360	-.006094	.0019968
Stddev	.0001606	.0000197	.0141260	.000357	.000397	.003791	.0138564
%RSD	607.3839	96.35491	47349.11	23.90584	110.1804	62.21554	693.9303
#1	-.000095	.0000236	.0018745	-.001510	-.000801	-.003459	-.007347
#2	-.000035	.0000385	.0131429	-.001844	-.000245	-.004383	.017917
#3	.000209	-.000001	-.014928	-.001130	-.000033	-.010439	-.004580

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005603	.0083412	-.000420	.0016194	-.005640	-.012354	-.002059
Stddev	.0004861	.0555065	.000174	.0007017	.022862	.007982	.000108
%RSD	86.75239	665.4476	41.33373	43.33402	405.3511	64.61034	5.239736
#1	.0005528	-.004101	-.000405	.0022506	.013149	-.003736	-.001935
#2	.0010501	.069013	-.000255	.0017438	-.031094	-.019492	-.002129
#3	.0000780	-.039888	-.000601	.0008638	.001024	-.013832	-.002114

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2065648	-.002280	-.004012	.0001947	-.008047	-.002322	-.004394
Stddev	.1053469	.002647	.001792	.0004371	.003903	.001411	.001900
%RSD	50.99944	116.0808	44.65341	224.4941	48.50163	60.74987	43.25256
#1	.2824353	-.004432	-.004039	.0005068	-.012148	-.001701	-.003188
#2	.0862844	.000675	-.005791	.0003821	-.004378	-.001329	-.006585
#3	.2509748	-.003084	-.002208	-.000305	-.007614	-.003937	-.003409

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: ICB003 Acquired: 12/27/2024 13:37:39 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICB003 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	-.002715	-.000398	-.006945
Stddev	.000551	.000316	.003369
%RSD	20.29442	79.48091	48.51375
#1	-.002093	-.000720	-.003822
#2	-.002909	-.000089	-.006498
#3	-.003143	-.000384	-.010516

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2065.283	26095.99	2022.328	1746.364	1865.737
Stddev	5.722	50.54	14.321	6.643	4.537
%RSD	.2770638	.1936608	.7081317	.3803726	.2431867
#1	2060.489	26040.31	2027.421	1746.151	1862.737
#2	2071.618	26138.96	2006.157	1739.831	1870.956
#3	2063.742	26108.70	2033.406	1753.111	1863.517

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: ICSA003 Acquired: 12/27/2024 13:41:45 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICSA003 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0058539	.0008354	.0056900	-.018085	.0021839	238.9972
Stddev	.0041527	.0029352	.0032940	.008355	.0015775	.0211
%RSD	70.93924	351.3362	57.89095	46.19890	72.23354	.0088277
#1	.0102415	-.001841	.0071866	-.027020	.0039620	239.0169
#2	.0053353	.000373	.0019134	-.016770	.0016369	238.9998
#3	.0019848	.003974	.0079700	-.010465	.0009526	238.9749

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001161	.0022062	.0002981	250.4204	.0515612	.0383446
Stddev	.002318	.0000224	.0000291	.2633	.0006703	.0005725
%RSD	199.6404	1.014090	9.743871	.1051244	1.299943	1.493040
#1	.001470	.0022276	.0002866	250.7075	.0511927	.0380474
#2	-.002902	.0022080	.0003311	250.1904	.0523349	.0390046
#3	-.002052	.0021830	.0002765	250.3633	.0511561	.0379818

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.016203	101.9037	.0132900	259.1188	.0030599	.0006707
Stddev	.008218	.1212	.0003479	.4916	.0008240	.0006349
%RSD	50.71858	.1189225	2.618015	.1897312	26.92916	94.65555
#1	-.017830	101.9249	.0136685	258.9166	.0030338	.0010658
#2	-.023485	101.7733	.0132175	259.6793	.0022492	-.000062
#3	-.007293	102.0129	.0129841	258.7605	.0038966	.001008

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0638901	.0111445	-.036266	-.144920	-.003013	.0023460
Stddev	.0398987	.0092951	.000749	.105255	.001600	.0014659
%RSD	62.44908	83.40474	2.066022	72.62975	53.12099	62.48534
#1	.0449820	.0183680	-.037053	-.260945	-.001601	.0034053
#2	.0369603	.0006579	-.035562	-.118249	-.002686	.0006730
#3	.1097278	.0144077	-.036181	-.055567	-.004751	.0029598

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: ICSA003 Acquired: 12/27/2024 13:41:45 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICSA003 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0022309	.0062367	-.000150	F .0106035	-.006957	.0016604
Stddev	.0001685	.0014157	.002151	.0016860	.000700	.0006612
%RSD	7.552125	22.70003	1434.178	15.90064	10.05822	39.82348
#1	.0021520	.0054752	-.001620	.0118319	-.006580	.0023932
#2	.0021164	.0053647	.002319	.0086812	-.007764	.0011084
#3	.0024244	.0078702	-.001149	.0112972	-.006527	.0014795

Elem	Li6707
Units	ppm
Avg	.0105311
Stddev	.0052094
%RSD	49.46636
#1	.0069290
#2	.0165043
#3	.0081601

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1969.854	24652.72	2007.626	1653.585	1666.494
Stddev	2.056	14.99	6.212	6.408	3.956
%RSD	.1043956	.0608246	.3094247	.3875123	.2373967
#1	1967.610	24656.02	2003.073	1660.558	1665.650
#2	1970.303	24665.79	2005.102	1652.242	1663.028
#3	1971.649	24636.35	2014.702	1647.955	1670.804

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: ICSAB003 Acquired: 12/27/2024 13:45:46 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICSAB003 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1137288	.1063862	.0560412	.0247872	.5266077	237.0958
Stddev	.0013909	.0032077	.0015107	.0001597	.0029367	.3748
%RSD	1.222994	3.015171	2.695727	.6444194	.5576576	.1580758
#1	.1121607	.1098212	.0573097	.0249144	.5235604	237.5276
#2	.1142127	.1058690	.0543699	.0246079	.5294195	236.9046
#3	.1148132	.1034686	.0564440	.0248392	.5268431	236.8552

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5306186	.5217519	1.008513	247.0195	.5855648	.5273668
Stddev	.0027532	.0024067	.002380	.1103	.0008933	.0021195
%RSD	.5188572	.4612663	.2359754	.0446378	.1525581	.4018942
#1	.5277072	.5244949	1.009090	247.1408	.5865680	.5286644
#2	.5331801	.5207666	1.005898	246.9922	.5848552	.5249210
#3	.5309683	.5199943	1.010552	246.9254	.5852713	.5285151

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4572106	101.0261	.5299625	256.9722	.9988020	.1747741
Stddev	.0106372	.1732	.0023182	.6828	.0019648	.0001729
%RSD	2.326545	.1713997	.4374316	.2657281	.1967190	.0989089
#1	.4601338	101.1588	.5295064	257.6665	.9996888	.1746301
#2	.4454174	101.0892	.5279062	256.9487	.9965501	.1747263
#3	.4660805	100.8302	.5324749	256.3014	1.000167	.1749658

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0884385	.5296914	.8710180	-.872801	-.001472	.0078214
Stddev	.0168475	.0136618	.0022878	.230776	.004035	.0012103
%RSD	19.04992	2.579192	.2626549	26.44082	274.0165	15.47442
#1	.0753872	.5193350	.8686707	-1.08104	-.004284	.0066594
#2	.1074576	.5245642	.8711421	-.91268	.003150	.0077299
#3	.0824708	.5451751	.8732412	-.62469	-.003283	.0090749

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: ICSAB003 Acquired: 12/27/2024 13:45:46 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICSAB003 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0013752	.0141436	.0007630	F .0104752	-.007601	.0017516
Stddev	.0004654	.0060185	.0016246	.0024556	.003305	.0006590
%RSD	33.84338	42.55326	212.9333	23.44200	43.48621	37.62283
#1	.0013445	.0102843	.0012114	.0105193	-.010436	.0014325
#2	.0018552	.0210784	-.001039	.0129085	-.008396	.0013129
#3	.0009259	.0110680	.002116	.0079979	-.003970	.0025094

Elem	Li6707
Units	ppm
Avg	-.006731
Stddev	.003457
%RSD	51.35676
#1	-.006566
#2	-.010268
#3	-.003360

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1966.454	24791.38	2036.842	1651.416	1672.351
Stddev	.552	54.05	6.795	6.041	1.119
%RSD	.0280702	.2180232	.3335857	.3657888	.0669028
#1	1966.030	24844.55	2029.261	1658.203	1671.322
#2	1966.255	24793.11	2042.382	1649.416	1673.542
#3	1967.078	24736.49	2038.884	1646.628	1672.190

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: CCV019 Acquired: 12/27/2024 13:49:38 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV019 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.967059	4.891526	24.65818	4.705388	4.845758	403.5478	10.27386
Stddev	.017037	.023607	.11954	.039478	.022873	.3102	.01132
%RSD	.3429965	.4826190	.4847753	.8389868	.4720296	.0768641	.1101928
#1	4.980075	4.874849	24.57545	4.663902	4.822216	403.7264	10.28657
#2	4.947776	4.881189	24.60386	4.709771	4.847159	403.1896	10.27016
#3	4.973325	4.918538	24.79523	4.742492	4.867898	403.7273	10.26485

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5088783	2.484578	403.4767	15.34907	2.501901	15.14543	410.4449
Stddev	.0048697	.011369	.2763	.06924	.012741	.02581	.3175
%RSD	.9569555	.4575709	.0684885	.4510859	.5092547	.1704396	.0773429
#1	.5112904	2.476698	403.4954	15.42902	2.492082	15.13277	410.3583
#2	.5032733	2.479424	403.1914	15.30877	2.497323	15.17513	410.1798
#3	.5120712	2.497611	403.7431	15.30942	2.516299	15.12838	410.7967

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.18257	406.7870	2.490459	1.260420	405.7221	2.538481	14.45154
Stddev	.02608	.8113	.007844	.006673	1.8660	.023257	.06505
%RSD	.1718039	.1994298	.3149538	.5293980	.4599258	.9161846	.4501178
#1	15.19019	405.9562	2.485149	1.268102	407.6596	2.511682	14.51928
#2	15.15352	406.8275	2.486760	1.257088	405.5697	2.550375	14.38957
#3	15.20399	407.5772	2.499468	1.256069	403.9369	2.553386	14.44579

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	152.5114	4.972462	4.919788	4.756574	5.013081	4.963160	5.004490
Stddev	.5911	.040695	.039919	.026682	.037660	.036690	.024806
%RSD	.3875833	.8183976	.8113898	.5609454	.7512252	.7392404	.4956655
#1	152.8476	4.945536	4.928755	4.732339	4.988005	4.977752	4.986442
#2	151.8288	4.952574	4.876148	4.752216	4.994851	4.921419	4.994251
#3	152.8577	5.019276	4.954460	4.785166	5.056386	4.990309	5.032775

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: CCV019 Acquired: 12/27/2024 13:49:38 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV019 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	5.120514	4.815531	5.121629
Stddev	.008277	.006112	.003763
%RSD	.1616530	.1269152	.0734693
#1	5.127545	4.809591	5.122248
#2	5.111391	4.821801	5.117596
#3	5.122604	4.815201	5.125045

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1683.911	23628.66	1983.402	1409.724	1526.839
Stddev	8.869	110.51	12.434	4.035	6.823
%RSD	.5266887	.4677123	.6269158	.2862242	.4468963
#1	1694.107	23511.30	1978.393	1405.071	1534.685
#2	1677.983	23643.94	1997.559	1412.259	1522.293
#3	1679.643	23730.74	1974.253	1411.842	1523.539

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: CCB019 Acquired: 12/27/2024 13:53:25 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB019 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000963	.0025773	.0020698	.0004024	.0011079	.0461811	-.003856
Stddev	.003001	.0012973	.0006918	.0029342	.0010246	.0279398	.000708
%RSD	311.5286	50.33673	33.42544	729.1789	92.47664	60.50041	18.37053
#1	-.004214	.0016016	.0015853	-.001256	.0022362	.0177603	-.003481
#2	-.000377	.0020808	.0017620	-.001327	.0008522	.0736137	-.003414
#3	.001701	.0040495	.0028621	.003790	.0002355	.0471694	-.004673

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000419	.0002859	.0538381	.0012352	.0005005	-.002227	.0792847
Stddev	.0002467	.0000804	.0174823	.0010583	.0002988	.009636	.0148404
%RSD	589.1074	28.11051	32.47201	85.68131	59.68774	432.7824	18.71791
#1	-.000079	.0003058	.0391724	.0011591	.0008351	-.002836	.0902250
#2	.000326	.0001974	.0491577	.0023295	.0004061	-.011543	.0852370
#3	-.000121	.0003544	.0731843	.0002170	.0002604	.007700	.0623922

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0017319	.0486565	-.000035	.0017151	.0828409	.0074930	.0003077
Stddev	.0005837	.0281826	.000443	.0010284	.0109232	.0117710	.0007949
%RSD	33.70207	57.92148	1260.768	59.96070	13.18577	157.0933	258.2945
#1	.0021367	.0352352	.000433	.0005412	.0868731	-.002266	.0011937
#2	.0019961	.0296931	-.000449	.0024572	.0704748	.004179	-.000343
#3	.0010628	.0810413	-.000090	.0021470	.0911749	.020566	.000072

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.119037	-.005427	.0128871	.0016509	-.001030	-.000243	-.002230
Stddev	.220510	.001515	.0003451	.0005340	.002263	.001235	.001281
%RSD	185.2455	27.92273	2.677848	32.34342	219.7990	508.7672	57.43540
#1	.026837	-.007100	.0126563	.0020249	.001391	.000042	-.002315
#2	-.011238	-.005037	.0132839	.0010394	-.001386	-.001596	-.003467
#3	-.372709	-.004145	.0127213	.0018883	-.003093	.000825	-.000909

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: CCB019 Acquired: 12/27/2024 13:53:25 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB019 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	-.003275	.0003814	.0031650
Stddev	.001636	.0003616	.0032799
%RSD	49.94388	94.78945	103.6293
#1	-.001552	.0006919	.0062736
#2	-.004806	-.000016	.0034841
#3	-.003466	.000468	-.000263

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2055.685	26209.18	2043.386	1748.063	1856.344
Stddev	6.657	109.76	4.568	7.265	5.760
%RSD	.3238468	.4187867	.2235611	.4155913	.3102847
#1	2057.934	26335.81	2039.403	1756.356	1859.459
#2	2060.926	26150.48	2048.372	1745.009	1859.876
#3	2048.194	26141.24	2042.381	1742.823	1849.697

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: P5172-20ADLX20 Acquired: 12/27/2024 13:57:28 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZ38A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2293569	-.076050	.5599082	.0950349	.0131528	88.76196	1.201426
Stddev	.0045578	.002006	.0028886	.0066808	.0021601	.22999	.006195
%RSD	1.987220	2.638195	.5159120	7.029799	16.42343	.2591099	.5156221
#1	.2289946	-.077029	.5579946	.0928390	.0141735	88.76302	1.197856
#2	.2340850	-.077378	.5584991	.0897285	.0146135	88.99142	1.208579
#3	.2249910	-.073742	.5632310	.1025373	.0106715	88.53144	1.197843

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0070835	.0050663	55.18195	.1407095	.1104601	.6129394	182.5055
Stddev	.0000955	.0001249	.32928	.0010866	.0005128	.0156964	1.0596
%RSD	1.348513	2.464725	.5967132	.7722241	.4642110	2.560834	.5805800
#1	.0071937	.0052091	55.05883	.1419376	.1098990	.6113131	182.5679
#2	.0070331	.0050124	55.55505	.1398731	.1105769	.6293856	183.5325
#3	.0070237	.0049774	54.93197	.1403177	.1109045	.5981195	181.4161

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.340002	43.97917	.1884694	-.036332	.4584190	.2908347	3.043346
Stddev	.016826	.23733	.0005182	.000354	.0147803	.0053829	.018551
%RSD	.3877028	.5396316	.2749693	.9751398	3.224183	1.850860	.6095710
#1	4.333047	43.94516	.1888144	-.036497	.4754574	.2970406	3.049647
#2	4.359191	44.23167	.1887204	-.036574	.4507520	.2880335	3.022464
#3	4.327769	43.76068	.1878735	-.035926	.4490477	.2874300	3.057926

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.94229	6.711561	.0412835	-.000025	2.924608	11.47928	.0297808
Stddev	.08502	.014036	.0025698	.000232	.005350	.10719	.0025898
%RSD	.3277166	.2091356	6.224789	935.5754	.1829182	.9337964	8.696397
#1	25.84818	6.709128	.0410411	.000191	2.920673	11.42807	.0327700
#2	25.96515	6.698900	.0439659	.000005	2.922452	11.60248	.0283602
#3	26.01354	6.726654	.0388434	-.000270	2.930699	11.40730	.0282120

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: P5172-20ADLX20 Acquired: 12/27/2024 13:57:28 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZ38A Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	1.280771	.1361498	.0627745
Stddev	.010302	.0015675	.0021217
%RSD	.8043926	1.151326	3.379959
#1	1.280890	.1344996	.0634783
#2	1.291014	.1376190	.0603903
#3	1.270410	.1363308	.0644550

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2328.927	29437.30	2337.124	1967.270	1847.014
Stddev	8.428	22.85	17.441	12.494	5.164
%RSD	.3618829	.0776158	.7462529	.6351144	.2795681
#1	2338.555	29425.41	2347.653	1960.227	1852.817
#2	2322.889	29463.64	2316.992	1981.697	1845.298
#3	2325.336	29422.84	2346.726	1959.888	1842.927

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: P5184-20ADLX20 Acquired: 12/27/2024 14:01:18 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZF8A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8115263	-.073785	.5544124	.0209297	.1543521	221.5419	.4630109
Stddev	.0072464	.002505	.0013869	.0024966	.0038665	.7016	.0051442
%RSD	.8929296	3.394585	.2501620	11.92846	2.505014	.3166709	1.111026
#1	.8049493	-.074946	.5559885	.0218305	.1577119	221.1493	.4614919
#2	.8192945	-.075498	.5533784	.0228509	.1501258	222.3519	.4687435
#3	.8103352	-.070910	.5538704	.0181077	.1552187	221.1246	.4587973

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0104590	.0160908	21.83509	2.592379	.3276626	2.424891	460.6620
Stddev	.0001203	.0001456	.25302	.001497	.0009295	.015275	2.0479
%RSD	1.150149	.9046915	1.158762	.0577653	.2836739	.6299312	.4445521
#1	.0105862	.0162179	21.59325	2.590751	.3271079	2.430833	460.3688
#2	.0104440	.0159320	22.09797	2.592687	.3271442	2.436303	462.8407
#3	.0103470	.0161226	21.81403	2.593699	.3287357	2.407538	458.7766

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.813015	164.6862	.5818952	.0194131	.4576342	1.285070	2.972938
Stddev	.034265	.6914	.0009370	.0004110	.0154688	.007132	.010757
%RSD	.3887988	.4198360	.1610320	2.117303	3.380159	.5549728	.3618355
#1	8.822029	164.3889	.5817880	.0198376	.4606003	1.280401	2.969883
#2	8.841871	165.4765	.5810163	.0190171	.4714051	1.293279	2.964039
#3	8.775144	164.1931	.5828812	.0193847	.4408971	1.281529	2.984892

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.332040	2.363994	.0313590	-.002560	.4321715	11.34663	.0403477
Stddev	.068232	.003923	.0069321	.000321	.0039703	.10644	.0011267
%RSD	2.047750	.1659637	22.10548	12.55487	.9186935	.9380950	2.792396
#1	3.409326	2.362937	.0334240	-.002631	.4346070	11.31663	.0411729
#2	3.280139	2.360707	.0236291	-.002209	.4275900	11.46486	.0408062
#3	3.306656	2.368337	.0370238	-.002840	.4343175	11.25841	.0390641

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: P5184-20ADLX20 Acquired: 12/27/2024 14:01:18 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZF8A Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	3.827242	-.337172	.1079688
Stddev	.023444	.001326	.0050190
%RSD	.6125436	.3934116	4.648552
#1	3.831778	-.337331	.1039649
#2	3.848085	-.338412	.1063422
#3	3.801861	-.335773	.1135994

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2207.384	28257.02	2258.385	1860.288	1816.684
Stddev	7.079	101.53	12.379	14.033	9.246
%RSD	.3206870	.3593210	.5481436	.7543667	.5089645
#1	2210.677	28227.65	2260.044	1864.900	1819.201
#2	2212.216	28369.99	2245.259	1871.434	1824.412
#3	2199.258	28173.40	2269.850	1844.529	1806.440

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: PB165326BL Acquired: 12/27/2024 14:05:07 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: PBS326 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0047183	-.001672	-.001755	-.004380	-.003532	.0155995	-.003382
Stddev	.0011359	.001723	.000827	.002558	.002105	.0228948	.002059
%RSD	24.07421	103.0448	47.10701	58.40673	59.59613	146.7669	60.89361
#1	.0051960	-.003475	-.001178	-.007051	-.003651	.0166248	-.004220
#2	.0034215	-.000042	-.002702	-.004138	-.005575	-.007791	-.004889
#3	.0055373	-.001498	-.001386	-.001951	-.001370	.037964	-.001035

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000028	.0000606	.0298679	-.000659	-.000432	.0015608	.0065921
Stddev	.000298	.0000188	.0321598	.000800	.000192	.0068157	.0299676
%RSD	1052.795	30.96687	107.6735	121.3314	44.36324	436.6968	454.5984
#1	.000303	.0000646	.0179066	.000009	-.000213	-.006307	.0352429
#2	-.000115	.0000401	.0054027	-.001545	-.000513	.005674	-.024538
#3	-.000273	.0000770	.0662943	-.000441	-.000571	.005314	.009072

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003497	.1409549	-.000665	.0015334	.0235352	-.008483	-.001543
Stddev	.0007985	.0622910	.000633	.0010888	.0218083	.008074	.000758
%RSD	228.3565	44.19211	95.18748	71.00539	92.66259	95.17119	49.09070
#1	-.000257	.2128823	-.001339	.0027033	.0392972	.000570	-.000713
#2	.000052	.1049064	-.000573	.0013474	.0326622	-.011082	-.001719
#3	.001254	.1050761	-.000083	.0005496	-.001354	-.014937	-.002198

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0554779	-.003935	-.002087	-.000254	-.009167	.0025246	-.005456
Stddev	.0528744	.001396	.000568	.000179	.006967	.0011843	.000718
%RSD	95.30701	35.46899	27.23304	70.36450	76.00246	46.91048	13.15353
#1	-.005497	-.002622	-.001681	-.000048	-.001150	.0038681	-.005366
#2	.083268	-.003783	-.002737	-.000364	-.013752	.0020736	-.006214
#3	.088663	-.005401	-.001844	-.000352	-.012600	.0016320	-.004787

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: PB165326BL Acquired: 12/27/2024 14:05:07 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: PBS326 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	-.002575	-.000385	-.001674
Stddev	.001652	.000095	.003414
%RSD	64.13441	24.70423	203.8788
#1	-.000757	-.000361	.001896
#2	-.002986	-.000304	-.004907
#3	-.003983	-.000490	-.002013

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2078.823	26222.81	2031.113	1746.879	1879.117
Stddev	3.177	119.42	12.068	10.397	2.639
%RSD	.1528312	.4553970	.5941350	.5951936	.1404477
#1	2080.975	26303.41	2018.603	1750.256	1876.412
#2	2080.320	26279.40	2032.054	1755.168	1881.684
#3	2075.174	26085.61	2042.683	1735.213	1879.254

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: PB165326BSRE Acquired: 12/27/2024 14:09:09 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCS326 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .0271500	.0481767	.0189600	.0534912	.0958349	.4223054
Stddev	.0035869	.0013600	.0020808	.0029975	.0028307	.0154735
%RSD	13.21130	2.822943	10.97467	5.603798	2.953780	3.664059
#1	.0230086	.0476407	.0195876	.0541073	.0938709	.4400436
#2	.0292667	.0497231	.0206547	.0561329	.0990797	.4115797
#3	.0291747	.0471664	.0166376	.0502335	.0945542	.4152929

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4043858	.0105495	.0098017	10.42388	.0195585	.1017683
Stddev	.0009526	.0001361	.0000395	.05141	.0009151	.0008228
%RSD	.2355583	1.290279	.4028294	.4931600	4.678570	.8084733
#1	.4052561	.0106353	.0098290	10.45692	.0206060	.1024430
#2	.4033682	.0103925	.0097564	10.36466	.0189149	.1008517
#3	.4045332	.0106206	.0098196	10.45007	.0191546	.1020101

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0497693	.2149888	.0324617	10.44453	.0780559	.0202148
Stddev	.0032980	.0528966	.0012702	.06390	.0003373	.0007219
%RSD	6.626478	24.60435	3.912965	.6117912	.4320884	3.570890
#1	.0535376	.2759920	.0309953	10.42747	.0777350	.0201630
#2	.0483606	.1818395	.0332237	10.51523	.0780252	.0195202
#3	.0474096	.1871350	.0331660	10.39089	.0784074	.0209611

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.348228	.1050773	.1086612	9.882222	.0143723	F -.003479
Stddev	.069126	.0023788	.0017858	.164427	.0014316	.002046
%RSD	.9407152	2.263832	1.643474	1.663865	9.960566	58.79813
#1	7.403933	.1035906	.1091727	9.823033	.0133093	-.003141
#2	7.270867	.1038204	.1066755	9.755583	.0138074	-.005673
#3	7.369885	.1078208	.1101355	10.06805	.0160001	-.001624

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: PB165326BSRE Acquired: 12/27/2024 14:09:09 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCS326 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0182611	.1751474	F .4901277	F .0094972	.1957099	.2066795
Stddev	.0003096	.0038232	.0021722	.0016431	.0036455	.0001573
%RSD	1.695268	2.182866	.4431916	17.30068	1.862708	.0761238
#1	.0179820	.1786131	.4920227	.0090579	.1993990	.2068595
#2	.0185941	.1710463	.4877571	.0113153	.1956213	.2065683
#3	.0182072	.1757829	.4906034	.0081184	.1921096	.2066107

Elem	Li6707
Units	ppm
Avg	.0312461
Stddev	.0042671
%RSD	13.65657
#1	.0264254
#2	.0327736
#3	.0345393

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2086.737	26356.40	2055.108	1767.038	1882.462
Stddev	2.831	101.32	9.832	4.503	1.995
%RSD	.1356579	.3844283	.4784377	.2548326	.1059851
#1	2083.858	26257.23	2044.227	1764.060	1882.393
#2	2086.836	26352.24	2063.355	1772.218	1884.490
#3	2089.517	26459.75	2057.742	1764.836	1880.502

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: PB165695BL Acquired: 12/27/2024 14:13:11 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: PBS695 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0015240	-.001797	-.002021	-.005167	-.001673	.0008382	-.003968
Stddev	.0031323	.002674	.002567	.003500	.000211	.0092900	.002620
%RSD	205.5284	148.8056	126.9919	67.73180	12.60595	1108.366	66.01133
#1	.0048642	-.002742	-.000634	-.001928	-.001897	-.004366	-.001935
#2	-.001348	.001221	-.004983	-.004694	-.001479	.011564	-.003046
#3	.001056	-.003871	-.000446	-.008880	-.001642	-.004683	-.006924

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000023	-.000022	.0179128	-.000811	-.000159	-.009520	.0447673
Stddev	.000016	.000049	.0130256	.000377	.000895	.001640	.0529012
%RSD	68.75053	216.6998	72.71678	46.55377	562.1155	17.22772	118.1693
#1	-.000010	-.000042	.0042552	-.000383	.000870	-.010200	.0007603
#2	-.000041	-.000058	.0301976	-.000953	-.000587	-.010709	.0300818
#3	-.000019	.000033	.0192854	-.001096	-.000761	-.007649	.1034597

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0017893	.0599970	.0002074	.0014632	-.002289	-.004787	-.002733
Stddev	.0004323	.0446020	.0003581	.0006113	.020753	.008199	.000476
%RSD	24.16078	74.34047	172.6718	41.77887	906.6258	171.2662	17.41371
#1	.0021895	.0843419	.0005694	.0021689	-.025999	-.008647	-.002194
#2	.0013308	.0871289	-.000147	.0010934	.012578	-.010343	-.003094
#3	.0018475	.0085201	.000199	.0011275	.006554	.004629	-.002911

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0602594	-.004764	-.002701	.0004767	-.005277	.0003150	-.003717
Stddev	.0790803	.001254	.002779	.0005102	.001823	.0011147	.000900
%RSD	131.2332	26.32225	102.8738	107.0402	34.54949	353.8997	24.20463
#1	-.011843	-.006199	-.000397	.0010237	-.007224	.0007786	-.004682
#2	.144835	-.003881	-.001920	.0000137	-.003609	.0011231	-.002902
#3	.047786	-.004211	-.005788	.0003925	-.004998	-.000957	-.003566

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: PB165695BL Acquired: 12/27/2024 14:13:11 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: PBS695 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	-.001068	-.000414	.0000463
Stddev	.002452	.000331	.0028580
%RSD	229.7063	80.14521	6176.890
#1	.001172	-.000735	-.000816
#2	-.003688	-.000073	.003236
#3	-.000687	-.000432	-.002281

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2108.076	26621.64	2043.638	1781.356	1904.079
Stddev	4.587	46.49	12.059	1.994	3.077
%RSD	.2175830	.1746315	.5900900	.1119580	.1616163
#1	2102.874	26663.11	2030.707	1782.954	1901.381
#2	2109.819	26571.39	2045.628	1781.992	1903.425
#3	2111.536	26630.42	2054.577	1779.121	1907.431

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: PB165695BS Acquired: 12/27/2024 14:21:13 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCS695 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0230230	.0534859	.0199474	.0562448	.0965657	.4179421
Stddev	.0030126	.0025960	.0003568	.0025373	.0024272	.0103007
%RSD	13.08531	4.853682	1.788577	4.511205	2.513558	2.464617
#1	.0197028	.0563537	.0203472	.0547205	.0958486	.4284635
#2	.0237843	.0512962	.0198335	.0591739	.0992707	.4078773
#3	.0255820	.0528079	.0196615	.0548401	.0945778	.4174855

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4130975	.0106527	.0099067	10.53609	.0202476	.1031394
Stddev	.0021500	.0001337	.0000339	.04077	.0008527	.0003781
%RSD	.5204629	1.254991	.3419926	.3869246	4.211514	.3665756
#1	.4119746	.0107803	.0099283	10.57653	.0208400	.1035681
#2	.4155765	.0106641	.0098677	10.49500	.0192702	.1029965
#3	.4117414	.0105137	.0099242	10.53675	.0206325	.1028536

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0550703	.2168375	.0327149	10.59375	.0790955	.0202812
Stddev	.0034179	.0140277	.0004840	.08562	.0010264	.0011345
%RSD	6.206470	6.469222	1.479516	.8082566	1.297608	5.593650
#1	.0585569	.2007717	.0321947	10.56564	.0780147	.0206641
#2	.0549287	.2266574	.0331520	10.68990	.0800570	.0190048
#3	.0517254	.2230834	.0327979	10.52572	.0792147	.0211747

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.457233	.1031009	.1106837	10.12989	F .0137574	F -.005101
Stddev	.079077	.0138563	.0011024	.24873	.0014069	.001747
%RSD	1.060411	13.43952	.9959850	2.455440	10.22657	34.24467
#1	7.546826	.0970733	.1111878	9.85635	.0129687	-.005142
#2	7.397172	.0932793	.1094194	10.34249	.0129217	-.003334
#3	7.427701	.1189501	.1114439	10.19084	.0153818	-.006826

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: PB165695BS Acquired: 12/27/2024 14:21:13 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCS695 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0185224	.1800185	F .4976788	F .0084187	.2028909	.2078811
Stddev	.0003521	.0019433	.0046955	.0022150	.0065160	.0006426
%RSD	1.901065	1.079515	.9434697	26.31058	3.211570	.3091283
#1	.0182209	.1807727	.5018771	.0103587	.1995329	.2081981
#2	.0189094	.1814716	.4926085	.0088921	.2104009	.2071416
#3	.0184368	.1778111	.4985507	.0060052	.1987387	.2083036

Elem	Li6707
Units	ppm
Avg	.0317430
Stddev	.0064944
%RSD	20.45925
#1	.0249912
#2	.0322928
#3	.0379450

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2066.687	26063.47	2028.266	1750.383	1865.128
Stddev	2.323	70.59	14.746	.517	1.693
%RSD	.1123878	.2708534	.7270448	.0295121	.0907694
#1	2064.011	26140.61	2011.494	1750.977	1863.203
#2	2068.190	26002.08	2039.199	1750.035	1866.384
#3	2067.858	26047.72	2034.104	1750.138	1865.798

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: PB165571BL Acquired: 12/27/2024 14:25:11 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: PBS571 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007516	.0001477	-.004213	-.002119	-.001468	.0165513	-.005720
Stddev	.0017119	.0013280	.000454	.001010	.001586	.0249654	.001629
%RSD	227.7795	899.3005	10.77779	47.67544	108.0190	150.8363	28.47736
#1	.0020497	-.001326	-.004359	-.001461	.000064	.0405363	-.007438
#2	-.001189	.000516	-.004575	-.003283	-.003103	.0184084	-.005522
#3	.001394	.001252	-.003704	-.001615	-.001366	-.009291	-.004199

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000015	-.000005	.0286453	-.000859	-.000406	-.008400	.0223148
Stddev	.000128	.000011	.0277714	.000369	.000074	.004191	.0325646
%RSD	851.3339	200.4532	96.94909	42.94403	18.33441	49.88771	145.9326
#1	.000101	-.000014	.0507548	-.001277	-.000401	-.004978	.0236772
#2	-.000153	.000007	-.002525	-.000726	-.000482	-.007148	.0541768
#3	.000006	-.000010	.037706	-.000576	-.000334	-.013074	-.010910

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000716	-.006457	-.000665	.0007639	.0078968	.0004440	-.002452
Stddev	.000457	.034501	.000634	.0003938	.0245126	.0041162	.000146
%RSD	63.74633	534.2989	95.41669	51.55013	310.4137	926.9818	5.940019
#1	-.000618	.010869	-.000061	.0011651	.0174538	.0040745	-.002289
#2	-.000317	.015947	-.001325	.0007487	-.019955	-.004028	-.002495
#3	-.001214	-.046188	-.000608	.0003780	.026191	.001285	-.002571

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0600303	-.004300	-.005212	.0000843	-.001303	.0012549	-.004156
Stddev	.0914466	.001165	.001548	.0006363	.001983	.0015662	.000393
%RSD	152.3341	27.10599	29.70827	754.5802	152.2358	124.8135	9.444489
#1	-.015459	-.005457	-.005803	.0007232	.000359	.0015541	-.003703
#2	.033834	-.004316	-.006378	-.000549	-.000769	.0026499	-.004397
#3	.161716	-.003126	-.003455	.000079	-.003498	-.000439	-.004368

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: PB165571BL Acquired: 12/27/2024 14:25:11 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: PBS571 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	-.000913	-.000396	.0023947
Stddev	.002748	.000117	.0030283
%RSD	301.0706	29.42757	126.4606
#1	-.000005	-.000343	.0015642
#2	.001267	-.000316	.0057516
#3	-.004000	-.000530	-.000132

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2073.860	26313.70	2030.153	1761.800	1873.593
Stddev	.843	66.07	11.494	7.828	2.179
%RSD	.0406446	.2510714	.5661823	.4443229	.1163240
#1	2074.801	26238.56	2034.562	1754.044	1872.140
#2	2073.175	26339.83	2038.790	1769.698	1872.540
#3	2073.605	26362.70	2017.107	1761.659	1876.099

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: PB165571BS Acquired: 12/27/2024 14:29:14 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCS571 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0240725	.0469095	.0168009	.0556960	.0940248	.4209753
Stddev	.0026679	.0013398	.0027002	.0023108	.0018697	.0164945
%RSD	11.08284	2.856123	16.07150	4.149000	1.988494	3.918173
#1	.0269631	.0467780	.0196221	.0580593	.0929653	.4388619
#2	.0235497	.0483102	.0165401	.0555873	.0929255	.4063644
#3	.0217047	.0456403	.0142407	.0534415	.0961836	.4176997

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4039900	.0105927	.0097055	10.38362	.0201005	.1012330
Stddev	.0014200	.0002358	.0000380	.04204	.0008896	.0005857
%RSD	.3514896	2.226336	.3913900	.4048600	4.425553	.5785882
#1	.4055022	.0106972	.0097052	10.42029	.0203539	.1006256
#2	.4026850	.0103226	.0097436	10.33774	.0208358	.1017944
#3	.4037828	.0107581	.0096676	10.39284	.0191117	.1012791

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0524251	.2072427	.0338024	10.40197	.0778180	.0202548
Stddev	.0032229	.0156665	.0011629	.07718	.0003717	.0009470
%RSD	6.147559	7.559501	3.440133	.7419337	.4776772	4.675695
#1	.0522035	.2040004	.0339145	10.41601	.0774789	.0200265
#2	.0557530	.2242767	.0349050	10.31874	.0782155	.0194428
#3	.0493187	.1934510	.0325875	10.47116	.0777596	.0212951

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.319856	.0920967	.1077371	9.971941	.0161926	F -.003730
Stddev	.037768	.0156804	.0003950	.068115	.0012361	.002783
%RSD	.5159680	17.02608	.3666280	.6830623	7.633974	74.61401
#1	7.348855	.0867802	.1075678	10.01652	.0148174	-.000640
#2	7.277148	.0797656	.1081886	9.89353	.0165491	-.006038
#3	7.333565	.1097441	.1074551	10.00577	.0172113	-.004511

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: PB165571BS Acquired: 12/27/2024 14:29:14 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCS571 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0185375	.1751447	F .4905480	.0099625	.2008400	.2042195
Stddev	.0002974	.0028639	.0026697	.0007060	.0028045	.0009274
%RSD	1.604547	1.635161	.5442240	7.086857	1.396407	.4541070
#1	.0182937	.1779695	.4935629	.0106131	.1986698	.2052424
#2	.0188689	.1722432	.4884837	.0092117	.1998436	.2039826
#3	.0184499	.1752214	.4895975	.0100626	.2040067	.2034336

Elem	Li6707
Units	ppm
Avg	.0294908
Stddev	.0031963
%RSD	10.83815
#1	.0271923
#2	.0281393
#3	.0331408

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2082.321	26461.51	2039.644	1763.378	1879.215
Stddev	7.670	56.98	16.727	10.609	5.860
%RSD	.3683541	.2153272	.8200771	.6016139	.3118218
#1	2088.260	26400.57	2024.541	1768.574	1885.228
#2	2073.661	26513.46	2057.622	1751.173	1873.522
#3	2085.043	26470.51	2036.770	1770.388	1878.894

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: PB165726BL Acquired: 12/27/2024 14:33:15 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: PBS726 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0028751	.0007665	-.001963	-.002029	-.005206	.0086061	-.005814
Stddev	.0019052	.0010127	.001635	.004976	.005302	.0313730	.000609
%RSD	66.26484	132.1150	83.27928	245.2273	101.8468	364.5447	10.48094
#1	.0046947	.0002898	-.001505	.003577	-.008980	.0399690	-.005982
#2	.0030361	.0019297	-.000606	-.005922	-.007494	-.022777	-.005139
#3	.0008945	.0000802	-.003779	-.003743	.000856	.008626	-.006322

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001343	-.000058	-.009985	-.001049	-.000009	-.001520	-.013884
Stddev	.0000728	.000070	.018391	.000580	.000221	.002249	.019767
%RSD	54.19821	120.3443	184.1782	55.25208	2529.066	147.9628	142.3727
#1	.0001671	.000009	.007409	-.000460	.000025	.000890	.003666
#2	.0000509	-.000131	-.029232	-.001619	.000194	-.001888	-.010020
#3	.0001849	-.000053	-.008133	-.001068	-.000245	-.003563	-.035298

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0014421	.0046525	-.000378	.0008693	-.014507	-.011084	-.002566
Stddev	.0010907	.0715231	.000267	.0002516	.018741	.007982	.000243
%RSD	75.63592	1537.309	70.47359	28.93818	129.1781	72.01897	9.472612
#1	.0020102	-.018929	-.000384	.0010543	.001157	-.010099	-.002762
#2	.0001846	-.052102	-.000109	.0009707	-.035269	-.003639	-.002641
#3	.0021315	.084989	-.000642	.0005828	-.009410	-.019513	-.002294

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2551315	-.004729	-.007536	-.000050	-.006024	.0027307	-.004900
Stddev	.2326744	.003692	.000638	.000136	.001168	.0010401	.000869
%RSD	91.19782	78.06919	8.471854	270.9494	19.39149	38.08752	17.72940
#1	.2188309	-.000501	-.007184	-.000191	-.007215	.0038564	-.005904
#2	.0427410	-.007313	-.008273	-.000040	-.005977	.0025304	-.004405
#3	.5038226	-.006372	-.007152	.000080	-.004880	.0018054	-.004393

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: PB165726BL Acquired: 12/27/2024 14:33:15 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: PBS726 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	-.003676	-.000325	-.003749
Stddev	.000410	.000264	.002698
%RSD	11.15391	81.27439	71.97638
#1	-.003226	-.000287	-.003232
#2	-.004029	-.000607	-.001346
#3	-.003774	-.000082	-.006668

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2073.425	26354.94	2030.984	1761.632	1872.655
Stddev	6.905	98.20	19.245	4.966	7.515
%RSD	.3330332	.3725967	.9475892	.2819153	.4013012
#1	2065.505	26449.92	2039.171	1763.650	1865.471
#2	2076.586	26361.09	2044.782	1765.271	1872.030
#3	2078.184	26253.81	2008.998	1755.974	1880.462

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: PB165726BSRE Acquired: 12/27/2024 14:37:18 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCS726 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0209924	.0491876	.0153474	F .0478685	.0946748	.4129169
Stddev	.0032936	.0036472	.0028898	.0037134	.0033205	.0247927
%RSD	15.68962	7.414877	18.82936	7.757588	3.507229	6.004293
#1	.0243662	.0485086	.0135725	.0438957	.0976779	.4084191
#2	.0208256	.0531266	.0186819	.0484575	.0952376	.4396506
#3	.0177853	.0459276	.0137876	.0512522	.0911089	.3906809

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4063511	.0104978	.0097209	10.41185	.0190764	.1007333
Stddev	.0006901	.0001209	.0000727	.03807	.0005372	.0005125
%RSD	.1698216	1.151663	.7477279	.3656771	2.815823	.5087737
#1	.4061657	.0103812	.0096426	10.37560	.0188549	.1003902
#2	.4057727	.0104895	.0097339	10.45152	.0196889	.1004873
#3	.4071149	.0106226	.0097862	10.40842	.0186854	.1013224

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0481908	.2421383	.0324747	10.43005	.0776756	.0207452
Stddev	.0105450	.0149485	.0007764	.14964	.0005422	.0006288
%RSD	21.88182	6.173535	2.390746	1.434745	.6980612	3.030971
#1	.0572135	.2364896	.0316673	10.29552	.0779443	.0213680
#2	.0507603	.2308373	.0332158	10.40340	.0770515	.0201106
#3	.0365984	.2590881	.0325410	10.59123	.0780309	.0207571

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.363247	.1104457	.1081110	9.993074	F .0137012	F -.004948
Stddev	.047991	.0112716	.0002167	.171215	.0018739	.001125
%RSD	.6517655	10.20559	.2004566	1.713332	13.67655	22.73471
#1	7.365060	.1232842	.1078612	9.823815	.0152917	-.005907
#2	7.410306	.1021748	.1082480	9.989228	.0116355	-.005226
#3	7.314375	.1058780	.1082239	10.16618	.0141764	-.003710

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: PB165726BSRE Acquired: 12/27/2024 14:37:18 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCS726 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0185667	.1729697	F .4941195	F .0091432	.1996639	.2053115
Stddev	.0002509	.0070176	.0022465	.0011209	.0005532	.0004743
%RSD	1.351049	4.057131	.4546439	12.25897	.2770792	.2310030
#1	.0183274	.1676956	.4939306	.0104369	.1996638	.2052646
#2	.0188277	.1702789	.4919734	.0085302	.1991107	.2048625
#3	.0185450	.1809345	.4964545	.0084625	.2002171	.2058075

Elem	Li6707
Units	ppm
Avg	.0287929
Stddev	.0020289
%RSD	7.046496
#1	.0310938
#2	.0280244
#3	.0272605

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2071.561	26346.90	2028.098	1763.981	1870.772
Stddev	2.942	56.58	4.613	5.400	1.598
%RSD	.1420008	.2147588	.2274579	.3061046	.0854016
#1	2069.194	26283.52	2033.337	1757.766	1869.312
#2	2070.635	26392.34	2026.311	1766.655	1870.525
#3	2074.855	26364.83	2024.645	1767.521	1872.478

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: PB165817BL Acquired: 12/27/2024 14:41:18 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: PBS817 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0008590	-.000795	-.002032	-.003049	-.003752	.0187292	-.006480
Stddev	.0019435	.001024	.001168	.004518	.003125	.0053325	.001202
%RSD	226.2348	128.7530	57.47539	148.2000	83.29132	28.47148	18.55363
#1	.0031027	-.001928	-.003315	.002162	-.004751	.0232006	-.005670
#2	-.000223	-.000522	-.001752	-.005881	-.006255	.0128274	-.005909
#3	-.000303	.000064	-.001030	-.005427	-.000250	.0201597	-.007862

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000039	.0000140	.0150448	-.000803	.0000128	-.002561	.0483892
Stddev	.000045	.0000528	.0098979	.000277	.0004048	.005936	.0359729
%RSD	114.3708	377.6379	65.78975	34.49921	3151.477	231.7822	74.34072
#1	-.000089	-.000023	.0079630	-.001044	-.000392	.002825	.0608107
#2	-.000002	-.000010	.0108168	-.000865	.000014	-.008925	.0765052
#3	-.000027	.000074	.0263545	-.000501	.000417	-.001582	.0078517

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000252	.1059972	-.000110	.0021137	-.002803	-.004177	-.002269
Stddev	.0009301	.1000013	.000369	.0005691	.024756	.009942	.000345
%RSD	3685.480	94.34333	335.1265	26.92274	883.3219	238.0423	15.22347
#1	-.000268	.0506605	-.000291	.0027707	-.018369	-.014848	-.002211
#2	.001067	.2214360	.000315	.0017741	-.015784	.004826	-.001957
#3	-.000723	.0458952	-.000354	.0017964	.025744	-.002509	-.002640

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1401034	-.003459	-.007142	.0003119	-.005686	.0024290	-.005426
Stddev	.1500858	.002111	.000476	.0009518	.005518	.0012765	.000725
%RSD	107.1251	61.02872	6.659013	305.1968	97.03575	52.55425	13.35264
#1	.3118840	-.005713	-.006612	.0006058	-.005479	.0024475	-.006260
#2	.0740712	-.003135	-.007531	-.000752	-.011304	.0011433	-.004955
#3	.0343551	-.001529	-.007283	.001082	-.000275	.0036961	-.005062

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: PB165817BL Acquired: 12/27/2024 14:41:18 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: PBS817 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	-.001926	-.000397	-.005032
Stddev	.005163	.000197	.002305
%RSD	268.1120	49.53839	45.80627
#1	-.003155	-.000429	-.007591
#2	.003741	-.000186	-.003120
#3	-.006364	-.000575	-.004385

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2066.740	26388.56	2020.561	1749.068	1873.561
Stddev	8.409	50.23	22.749	4.974	4.011
%RSD	.4068523	.1903332	1.125861	.2843789	.2140830
#1	2076.450	26355.66	2006.054	1744.065	1878.155
#2	2061.946	26363.65	2046.779	1749.126	1871.775
#3	2061.826	26446.37	2008.849	1754.013	1870.753

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: PB165817BS Acquired: 12/27/2024 14:45:22 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCS817 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0241813	.0472669	.0174472	.0526290	.0934643	.3863738
Stddev	.0045501	.0002881	.0003923	.0036213	.0022404	.0157008
%RSD	18.81656	.6096064	2.248274	6.880729	2.397104	4.063625
#1	.0209345	.0470457	.0177636	.0562175	.0951591	.3862903
#2	.0293820	.0475928	.0175697	.0526937	.0943096	.3707149
#3	.0222274	.0471623	.0170083	.0489758	.0909242	.4021161

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3867402	.0099605	.0093640	9.847219	.0184153	.0962260
Stddev	.0038947	.0002818	.0000529	.043394	.0006642	.0009086
%RSD	1.007047	2.829410	.5648733	.4406717	3.606606	.9441917
#1	.3830345	.0098893	.0093442	9.822763	.0190633	.0955009
#2	.3907997	.0102712	.0093238	9.897321	.0184466	.0959321
#3	.3863865	.0097212	.0094239	9.821573	.0177361	.0972452

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0502156	.2306769	.0306595	9.991476	.0739907	.0199314
Stddev	.0041020	.0305452	.0009136	.019530	.0004901	.0005835
%RSD	8.168767	13.24156	2.979846	.1954637	.6623314	2.927297
#1	.0544568	.1998823	.0302601	10.01305	.0739905	.0206051
#2	.0499214	.2609665	.0317048	9.98638	.0744809	.0196029
#3	.0462687	.2311819	.0300136	9.97500	.0735007	.0195864

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.069954	.0986892	.1030330	9.395198	.0144019	F -.005743
Stddev	.082307	.0020502	.0018865	.236014	.0004239	.001459
%RSD	1.164180	2.077385	1.830936	2.512071	2.943229	25.40485
#1	6.988159	.1008607	.1040815	9.123926	.0147915	-.006948
#2	7.152763	.0984198	.1041623	9.553442	.0144638	-.006160
#3	7.068939	.0967870	.1008552	9.508227	.0139505	-.004121

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: PB165817BS Acquired: 12/27/2024 14:45:22 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCS817 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0176784	.1642310	F .4652103	F .0084662	.1941521	.1946873
Stddev	.0006231	.0040324	.0044329	.0017848	.0071267	.0016205
%RSD	3.524757	2.455320	.9528750	21.08180	3.670666	.8323618
#1	.0169977	.1602120	.4633696	.0080036	.1869543	.1928480
#2	.0178167	.1642044	.4702670	.0104368	.2012055	.1959047
#3	.0182207	.1682766	.4619944	.0069583	.1942963	.1953092

Elem	Li6707
Units	ppm
Avg	.0275717
Stddev	.0020324
%RSD	7.371455
#1	.0253402
#2	.0293168
#3	.0280580

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2094.459	27093.39	2072.232	1793.901	1900.089
Stddev	1.790	683.39	20.711	44.808	1.131
%RSD	.0854736	2.522334	.9994722	2.497824	.0595134
#1	2093.377	26763.35	2092.987	1783.142	1898.788
#2	2093.474	26637.66	2051.564	1755.452	1900.835
#3	2096.525	27879.15	2072.146	1843.110	1900.644

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: PB165572BL Acquired: 12/27/2024 14:49:23 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: PBS572 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0012639	-.000638	-.003388	-.000574	-.001094	.0405533	-.005988
Stddev	.0023428	.002577	.001130	.002983	.003740	.0314505	.001601
%RSD	185.3618	404.1212	33.36030	519.2805	342.0402	77.55345	26.73670
#1	-.000695	-.002134	-.003490	-.000382	-.004787	.0046556	-.006605
#2	.003859	-.002116	-.002210	-.003648	-.001185	.0632612	-.004171
#3	.000628	.002338	-.004464	.002307	.002692	.0537432	-.007189

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000073	.0000757	.0652159	-.000717	-.000092	.0001930	.0070995
Stddev	.000233	.0000818	.0450043	.000759	.000222	.0075360	.0296989
%RSD	321.1540	107.9984	69.00820	105.7994	240.3346	3904.466	418.3265
#1	.000190	.0001286	.1169803	-.000428	.000064	-.004999	.0390548
#2	-.000155	.0001171	.0432993	-.001578	.000005	-.003259	.0018998
#3	-.000253	-.000018	.0353682	-.000146	-.000346	.008837	-.019656

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005905	.0136866	-.000471	.0010954	-.025879	.0002750	-.000096
Stddev	.0015252	.0609278	.000346	.0012618	.056260	.0075493	.000444
%RSD	258.2728	445.1644	73.54263	115.1968	217.3918	2744.957	463.6787
#1	-.000055	-.037254	-.000744	.0005796	.006430	.0082461	-.000515
#2	-.000506	.081181	-.000082	.0001731	-.090842	-.000655	.000370
#3	.002332	-.002867	-.000586	.0025334	.006774	-.006766	-.000143

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0259470	-.002372	-.004698	.0002022	-.005350	.0021595	-.005630
Stddev	.1785123	.001053	.002056	.0002002	.002059	.0002088	.000810
%RSD	687.9883	44.40870	43.76588	98.99612	38.49229	9.667653	14.39676
#1	.2318647	-.001666	-.006465	.0000186	-.007726	.0019819	-.005857
#2	-.085078	-.003582	-.002441	.0004156	-.004260	.0023895	-.004730
#3	-.068946	-.001867	-.005189	.0001724	-.004065	.0021071	-.006302

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: PB165572BL Acquired: 12/27/2024 14:49:23 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: PBS572 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	-.000316	-.000225	-.002255
Stddev	.004105	.000194	.005478
%RSD	1299.843	86.53684	242.9062
#1	.001918	-.000233	-.006964
#2	.002188	-.000415	.003757
#3	-.005053	-.000026	-.003559

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2090.362	26539.59	2054.537	1760.622	1894.160
Stddev	4.737	118.81	22.953	9.299	2.667
%RSD	.2266094	.4476756	1.117198	.5281811	.1407813
#1	2094.797	26404.36	2035.975	1750.229	1897.004
#2	2085.372	26627.22	2047.435	1763.483	1891.716
#3	2090.917	26587.19	2080.202	1768.155	1893.761

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: PB165572BS Acquired: 12/27/2024 14:53:26 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCS572 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0225251	.0454406	.0163620	.0570152	.0913619	.4093781
Stddev	.0024024	.0022871	.0023251	.0018564	.0060431	.0319595
%RSD	10.66522	5.033236	14.21064	3.255970	6.614432	7.806832
#1	.0251578	.0452133	.0140886	.0552521	.0851818	.4267202
#2	.0219658	.0478330	.0162616	.0568410	.0972579	.4289178
#3	.0204518	.0432757	.0187356	.0589526	.0916461	.3724963

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3856575	.0101849	.0093825	10.01041	.0188916	.0971416
Stddev	.0002077	.0002201	.0000129	.03059	.0008535	.0001160
%RSD	.0538554	2.160546	.1372583	.3056296	4.517982	.1194515
#1	.3854799	.0099718	.0093934	10.04004	.0184476	.0970098
#2	.3856067	.0101716	.0093683	10.01225	.0198756	.0972284
#3	.3858859	.0104113	.0093857	9.97893	.0183515	.0971866

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0444269	.2002286	.0311405	9.825786	.0743976	.0190799
Stddev	.0088425	.0235116	.0002332	.114204	.0008027	.0023703
%RSD	19.90359	11.74238	.7489741	1.162286	1.078893	12.42291
#1	.0388411	.2270817	.0313043	9.808195	.0747827	.0163814
#2	.0546218	.1833410	.0308735	9.721399	.0749350	.0200331
#3	.0398178	.1902632	.0312437	9.947765	.0734749	.0208252

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.002051	.1020397	.1057384	9.245818	.0166772	F -.005424
Stddev	.050725	.0149403	.0009569	.146674	.0025624	.001901
%RSD	.7244340	14.64169	.9049984	1.586377	15.36497	35.04096
#1	7.045675	.0952347	.1050597	9.087420	.0141136	-.003312
#2	6.946390	.0917132	.1068329	9.273095	.0166795	-.006996
#3	7.014089	.1191711	.1053228	9.376937	.0192384	-.005963

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: PB165572BS Acquired: 12/27/2024 14:53:26 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCS572 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0171371	.1686948	F .4731235	F .0090427	.1901507	.1995006
Stddev	.0000861	.0014981	.0011286	.0014115	.0027785	.0005405
%RSD	.5025544	.8880510	.2385419	15.60916	1.461237	.2709478
#1	.0171459	.1678625	.4743463	.0074299	.1882049	.2001242
#2	.0170469	.1677976	.4729023	.0100527	.1933329	.1991657
#3	.0172185	.1704242	.4721219	.0096456	.1889144	.1992119

Elem	Li6707
Units	ppm
Avg	.0239361
Stddev	.0038260
%RSD	15.98409
#1	.0283212
#2	.0212784
#3	.0222087

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2112.464	26753.07	2083.411	1777.299	1905.556
Stddev	2.405	144.00	7.503	12.265	1.297
%RSD	.1138669	.5382502	.3601507	.6901112	.0680812
#1	2115.233	26820.78	2077.692	1784.555	1906.366
#2	2110.896	26587.70	2080.633	1763.138	1904.060
#3	2111.262	26850.73	2091.907	1784.204	1906.244

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: PB165829BL Acquired: 12/27/2024 14:57:25 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: PBS829 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0038195	-.000174	-.002892	-.008306	-.002223	-.001894	-.004634
Stddev	.0016749	.002229	.001209	.002632	.002730	.017613	.001191
%RSD	43.85119	1284.358	41.81204	31.68298	122.8132	929.7375	25.71019
#1	.0056886	-.002374	-.002723	-.010097	-.002155	-.019119	-.005427
#2	.0024545	-.000229	-.004177	-.005285	.000473	-.002649	-.005212
#3	.0033155	.002082	-.001776	-.009537	-.004987	.016084	-.003264

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000817	-.000014	-.031373	-.000895	-.000058	-.002556	.0354107
Stddev	.0001027	.000037	.004341	.001204	.000155	.008183	.0140443
%RSD	125.6698	253.8893	13.83711	134.4293	264.9850	320.1283	39.66111
#1	.0001612	-.000024	-.031246	-.001313	-.000155	-.010554	.0417317
#2	.0001182	-.000045	-.035776	.000462	.000120	-.002914	.0193167
#3	-.000034	.000026	-.027096	-.001834	-.000141	.005800	.0451836

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000756	.0413184	-.000412	.0001662	-.021159	-.001538	-.002660
Stddev	.000923	.1077891	.000581	.0009992	.024094	.011584	.000670
%RSD	122.1538	260.8741	140.9638	601.1652	113.8703	753.2754	25.17525
#1	.000279	-.008498	-.000973	.0001732	-.009244	.011819	-.003209
#2	-.001497	-.032552	-.000451	.0011620	-.048889	-.008844	-.001914
#3	-.001049	.165005	.000187	-.000836	-.005344	-.007589	-.002856

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.037520	-.002191	-.005934	.0000577	-.008261	-.000569	-.005336
Stddev	.058800	.000579	.000771	.0005565	.002920	.001457	.000900
%RSD	156.7159	26.40881	12.98930	964.6555	35.34244	255.9809	16.87126
#1	-.015556	-.001696	-.005059	.0006636	-.008087	.000126	-.006376
#2	-.104140	-.002827	-.006232	-.000060	-.005433	-.002244	-.004816
#3	.007136	-.002049	-.006512	-.000431	-.011264	.000410	-.004816

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: PB165829BL Acquired: 12/27/2024 14:57:25 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: PBS829 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	-.001118	-.000034	-.004380
Stddev	.003211	.000265	.005673
%RSD	287.3259	777.9728	129.5299
#1	.002590	.000271	-.004751
#2	-.002927	-.000203	-.009859
#3	-.003016	-.000170	.001470

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2084.447	26301.34	2056.343	1753.970	1883.440
Stddev	3.789	67.67	9.598	3.229	4.127
%RSD	.1817665	.2572738	.4667553	.1840817	.2190943
#1	2080.613	26316.64	2067.198	1752.917	1879.517
#2	2088.189	26360.05	2048.981	1757.594	1887.744
#3	2084.540	26227.34	2052.849	1751.399	1883.059

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: PB165829BS Acquired: 12/27/2024 15:01:28 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCS829 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0212253	.0483383	.0162327	.0491740	.0916312	.4206177
Stddev	.0011840	.0021695	.0024195	.0011512	.0030278	.0344483
%RSD	5.578332	4.488151	14.90522	2.341186	3.304295	8.189927
#1	.0219415	.0474619	.0170356	.0501169	.0883382	.4412213
#2	.0218758	.0508089	.0135138	.0478910	.0922606	.3808489
#3	.0198586	.0467442	.0181488	.0495141	.0942948	.4397828

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3867078	.0100179	.0093468	9.977793	.0186107	.0975634
Stddev	.0029903	.0000306	.0001297	.042941	.0006725	.0002890
%RSD	.7732598	.3055591	1.387573	.4303669	3.613380	.2961708
#1	.3832630	.0099829	.0093667	9.936795	.0179042	.0972317
#2	.3882260	.0100315	.0092083	10.02244	.0192429	.0977604
#3	.3886344	.0100395	.0094654	9.97414	.0186851	.0976981

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0501260	.2202741	.0314844	9.948368	.0745326	.0204362
Stddev	.0046048	.0244866	.0016899	.137309	.0009849	.0008503
%RSD	9.186396	11.11642	5.367311	1.380217	1.321447	4.160674
#1	.0536894	.2115222	.0298718	9.943418	.0755208	.0202411
#2	.0517620	.2479342	.0332422	9.813601	.0745258	.0213671
#3	.0449266	.2013661	.0313393	10.08809	.0735510	.0197004

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.025724	.1049470	.1048858	9.322013	.0147810	F -.004083
Stddev	.049899	.0108755	.0005033	.135518	.0029164	.001194
%RSD	.7102330	10.36281	.4798627	1.453742	19.73103	29.23473
#1	7.049340	.0959884	.1043472	9.247530	.0145252	-.005431
#2	6.968401	.1170475	.1053442	9.240072	.0120008	-.003659
#3	7.059432	.1018051	.1049660	9.478436	.0178169	-.003159

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: PB165829BS Acquired: 12/27/2024 15:01:28 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCS829 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0174415	.1654276	F .4708635	F .0085363	.1909729	.1990332
Stddev	.0002839	.0037707	.0019241	.0012251	.0047421	.0006059
%RSD	1.627601	2.279342	.4086334	14.35135	2.483121	.3044106
#1	.0172127	.1610741	.4720436	.0098098	.1867409	.1987106
#2	.0173527	.1676608	.4686432	.0084330	.1900797	.1997321
#3	.0177592	.1675480	.4719036	.0073662	.1960980	.1986569

Elem	Li6707
Units	ppm
Avg	.0272264
Stddev	.0052306
%RSD	19.21140
#1	.0268365
#2	.0326411
#3	.0222018

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2118.097	26764.54	2088.379	1793.000	1915.433
Stddev	5.614	157.50	7.956	9.333	7.880
%RSD	.2650492	.5884702	.3809651	.5205435	.4114196
#1	2112.411	26798.69	2079.571	1795.883	1907.469
#2	2118.242	26592.76	2095.044	1782.565	1915.601
#3	2123.636	26902.16	2090.521	1800.552	1923.228

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: PB165788BL Acquired: 12/27/2024 15:05:29 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: PBS788 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0022496	-.001849	-.002836	-.003858	-.000531	.0005356	-.005857
Stddev	.0037806	.000972	.001108	.002028	.003366	.0353897	.000918
%RSD	168.0516	52.55646	39.06037	52.57442	633.4221	6607.370	15.67391
#1	.0066010	-.002314	-.001589	-.003482	-.002774	-.033540	-.004835
#2	-.000229	-.002501	-.003705	-.002044	.003339	-.001961	-.006612
#3	.000376	-.000732	-.003216	-.006048	-.002159	.037107	-.006125

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000084	-.000002	.0079962	-.001436	-.000308	-.000741	.0206698
Stddev	.000161	.000040	.0174106	.000678	.000386	.008319	.0268945
%RSD	191.8073	2292.127	217.7376	47.22204	125.3905	1121.873	130.1155
#1	-.000261	.000012	-.010152	-.000680	.000132	-.009802	.0497756
#2	.000055	-.000046	.009580	-.001637	-.000589	.001026	-.003262
#3	-.000046	.000029	.024560	-.001990	-.000466	.006551	.015495

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0010853	.1017141	-.000323	.0010547	-.002556	.0011628	-.002370
Stddev	.0010404	.0381126	.000451	.0010377	.027071	.0167607	.000437
%RSD	95.86876	37.47034	139.4830	98.39041	1058.895	1441.464	18.42275
#1	.0003343	.0665711	.000010	-.000143	.018918	-.016743	-.002219
#2	.0022729	.1422268	-.000143	.001681	.006377	.016476	-.002862
#3	.0006487	.0963444	-.000837	.001626	-.032965	.003755	-.002028

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0272647	-.000933	-.005449	-.000322	-.008322	-.002348	-.006351
Stddev	.1469354	.001311	.002719	.000449	.005455	.001305	.001717
%RSD	538.9216	140.5003	49.90875	139.2443	65.54967	55.58217	27.03530
#1	-.124943	-.002037	-.007927	-.000746	-.006167	-.001096	-.006864
#2	.168288	-.001278	-.002540	.000148	-.014526	-.003700	-.007754
#3	.038449	.000516	-.005880	-.000369	-.004274	-.002246	-.004436

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: PB165788BL Acquired: 12/27/2024 15:05:29 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: PBS788 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	-.001798	-.000317	-.005314
Stddev	.002594	.000207	.003275
%RSD	144.2807	65.37194	61.63092
#1	.000261	-.000387	-.005823
#2	-.000944	-.000480	-.001814
#3	-.004711	-.000084	-.008304

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2120.784	26738.75	2081.191	1787.734	1914.539
Stddev	8.689	138.01	5.438	16.358	10.461
%RSD	.4097197	.5161336	.2613155	.9150284	.5464091
#1	2117.357	26897.46	2075.468	1805.554	1911.668
#2	2130.664	26671.86	2081.814	1784.247	1926.135
#3	2114.331	26646.95	2086.292	1773.400	1905.812

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: PB165788BS Acquired: 12/27/2024 15:09:32 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCS788 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0222433	.0469598	.0163939	.0563604	.0938722	.4470255
Stddev	.0013356	.0019177	.0022152	.0021099	.0009174	.0020767
%RSD	6.004588	4.083686	13.51236	3.743549	.9773207	.4645639
#1	.0221746	.0447627	.0186629	.0544653	.0949211	.4481748
#2	.0209434	.0482973	.0162820	.0586339	.0932193	.4446282
#3	.0236120	.0478195	.0142367	.0559819	.0934762	.4482736

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3917106	.0101124	.0094393	10.08933	.0190589	.0982195
Stddev	.0009240	.0001946	.0000310	.03463	.0014034	.0003817
%RSD	.2358862	1.924436	.3280486	.3432096	7.363464	.3886180
#1	.3919801	.0101173	.0094319	10.05222	.0201893	.0979789
#2	.3906818	.0099153	.0094127	10.12077	.0194993	.0986596
#3	.3924699	.0103044	.0094733	10.09499	.0174881	.0980199

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0484585	.2438667	.0322916	9.978559	.0752878	.0191229
Stddev	.0065662	.0296966	.0010729	.039501	.0003431	.0006344
%RSD	13.55012	12.17739	3.322633	.3958589	.4557258	3.317280
#1	.0471354	.2585056	.0317068	9.966442	.0756300	.0197502
#2	.0555855	.2634018	.0316381	10.02270	.0749438	.0184817
#3	.0426546	.2096928	.0335299	9.94654	.0752898	.0191368

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.070825	.0947665	.1061795	9.467577	.0154715	F -.005836
Stddev	.045608	.0086661	.0004936	.039484	.0032022	.001079
%RSD	.6450098	9.144721	.4649059	.4170469	20.69733	18.48385
#1	7.108822	.1044359	.1062841	9.422211	.0191650	-.005230
#2	7.083406	.0921634	.1056419	9.486333	.0134736	-.007081
#3	7.020248	.0877003	.1066124	9.494187	.0137760	-.005196

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: PB165788BS Acquired: 12/27/2024 15:09:32 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCS788 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0174815	.1778058	F .4778761	F .0075562	.1944643	.2006574
Stddev	.0003513	.0017764	.0051550	.0023794	.0010587	.0006885
%RSD	2.009764	.9990772	1.078721	31.48885	.5444170	.3431365
#1	.0177158	.1789245	.4827763	.0048515	.1942155	.2001305
#2	.0170776	.1757575	.4724995	.0093267	.1956252	.2014365
#3	.0176513	.1787354	.4783526	.0084904	.1935522	.2004054

Elem	Li6707
Units	ppm
Avg	.0253289
Stddev	.0026404
%RSD	10.42466
#1	.0226329
#2	.0279100
#3	.0254437

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2104.257	26459.50	2062.821	1762.101	1897.183
Stddev	4.475	97.40	9.402	1.015	4.321
%RSD	.2126763	.3681000	.4557692	.0576270	.2277825
#1	2099.349	26465.98	2052.729	1763.092	1893.780
#2	2105.308	26359.02	2071.333	1761.063	1895.723
#3	2108.113	26553.49	2064.400	1762.148	1902.045

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: P5027-11 Acquired: 12/27/2024 15:13:32 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHK22D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2034073	-.009390	5.308508	.0080435	-.034157	72.72163
Stddev	.0048668	.002940	.011714	.0045680	.002726	.12592
%RSD	2.392659	31.31284	.2206649	56.79084	7.981968	.1731536
#1	.2041109	-.010600	5.299249	.0060538	-.032157	72.59848
#2	.1982270	-.006037	5.304597	.0132688	-.037262	72.85015
#3	.2078841	-.011532	5.321677	.0048078	-.033051	72.71627

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.846571	.0083220	.0106540	173.0933	.1572852	.1228447
Stddev	.006285	.0000440	.0000190	.1297	.0015600	.0006251
%RSD	.2208092	.5283923	.1778944	.0749205	.9918293	.5088639
#1	2.845386	.0083191	.0106758	173.0012	.1561650	.1235049
#2	2.853365	.0083674	.0106414	173.2416	.1590670	.1222618
#3	2.840962	.0082795	.0106449	173.0371	.1566236	.1227674

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5747776	172.4395	8.130933	62.97732	.1755088	.0062228
Stddev	.0041788	.2797	.012507	.14599	.0009514	.0000999
%RSD	.7270349	.1622060	.1538186	.2318140	.5420710	1.605226
#1	.5794064	172.1661	8.131166	62.81049	.1744359	.0061283
#2	.5736436	172.7251	8.143322	63.03985	.1762495	.0063273
#3	.5712829	172.4274	8.118311	63.08164	.1758412	.0062126

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9086743	.2241500	2.621499	7.185883	F 13.85120	.0586107
Stddev	.0368863	.0110876	.002139	.133793	.02404	.0001565
%RSD	4.059352	4.946509	.0815765	1.861890	.1735368	.2669556
#1	.9199458	.2168319	2.623968	7.033118	13.85301	.0586311
#2	.8674673	.2369068	2.620221	7.282211	13.82631	.0587560
#3	.9386097	.2187113	2.620308	7.242318	13.87428	.0584450

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: P5027-11 Acquired: 12/27/2024 15:13:32 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHK22D Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0060836	3.333784	8.949468	F 10.76687	1.281118	.1238859
Stddev	.0004957	.009874	.028093	.03488	.004818	.0009002
%RSD	8.148327	.2961738	.3139056	.3239953	.3760893	.7266045
#1	.0063658	3.328317	8.954116	10.75083	1.276004	.1230593
#2	.0063737	3.327854	8.974947	10.74289	1.281778	.1237534
#3	.0055112	3.345182	8.919341	10.80689	1.285573	.1248449

Elem	Li6707
Units	ppm
Avg	.1326850
Stddev	.0048062
%RSD	3.622247
#1	.1288676
#2	.1380822
#3	.1311050

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2465.423	31218.63	2491.680	2065.210	1717.313
Stddev	9.023	73.67	8.818	7.304	3.738
%RSD	.3659797	.2359864	.3539122	.3536827	.2176908
#1	2455.304	31158.04	2484.192	2056.784	1713.581
#2	2468.331	31197.21	2489.450	2069.088	1721.058
#3	2472.633	31300.64	2501.400	2069.756	1717.299

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: P5027-10LX5 Acquired: 12/27/2024 15:17:20 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHK22L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0437651	.0008782	1.067542	-.007305	-.016357	17.11936	.6670969
Stddev	.0015016	.0022667	.005722	.001653	.003341	.12390	.0046795
%RSD	3.431146	258.1099	.5360117	22.62227	20.42216	.7237661	.7014780
#1	.0451224	-.001147	1.068838	-.008704	-.017854	17.18861	.6718619
#2	.0421520	.003327	1.061283	-.007730	-.012530	17.19315	.6669210
#3	.0440209	.000454	1.072505	-.005481	-.018688	16.97631	.6625078

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0020396	.0019600	41.23738	.0378725	.0368207	.1364283	41.37063
Stddev	.0001002	.0000506	.35195	.0008777	.0003969	.0028971	.39748
%RSD	4.911053	2.580281	.8534681	2.317596	1.077932	2.123497	.9607886
#1	.0020427	.0019755	41.57019	.0388841	.0367728	.1333879	41.79470
#2	.0021381	.0019035	41.27296	.0374213	.0364500	.1391567	41.31063
#3	.0019379	.0020011	40.86899	.0373122	.0372395	.1367403	41.00655

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.943499	15.02831	.0330116	.0024136	.2303990	.0475716	.6311807
Stddev	.024137	.14286	.0007158	.0008331	.0249981	.0079566	.0015742
%RSD	1.241931	.9506337	2.168443	34.51599	10.84990	16.72547	.2494014
#1	1.966287	15.19174	.0321850	.0030263	.2200141	.0564817	.6293823
#2	1.946003	14.96600	.0334208	.0027497	.2122672	.0450568	.6323088
#3	1.918208	14.92718	.0334289	.0014650	.2589157	.0411762	.6318510

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.613662	2.749947	.0079308	.0019717	.6599580	2.201105	2.134444
Stddev	.266439	.005280	.0017022	.0003973	.0048967	.029365	.007579
%RSD	16.51146	.1920148	21.46362	20.15271	.7419698	1.334085	.3550719
#1	1.782113	2.747402	.0077443	.0018153	.6555979	2.229697	2.131416
#2	1.752388	2.746421	.0063295	.0024234	.6590204	2.202594	2.128847
#3	1.306483	2.756017	.0097186	.0016763	.6652556	2.171024	2.143068

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: P5027-10LX5 Acquired: 12/27/2024 15:17:20 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHK22L Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.2966292	.0287184	.0253471
Stddev	.0027355	.0002037	.0040808
%RSD	.9221861	.7094612	16.09954
#1	.2956226	.0288379	.0221353
#2	.2997254	.0284831	.0239670
#3	.2945396	.0288342	.0299390

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2205.013	27861.39	2165.930	1857.315	1867.355
Stddev	9.721	44.87	28.121	4.342	8.715
%RSD	.4408381	.1610519	1.298325	.2337575	.4667106
#1	2200.112	27842.18	2136.582	1861.084	1863.140
#2	2216.208	27912.67	2168.568	1858.294	1877.376
#3	2198.718	27829.32	2192.638	1852.568	1861.549

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: CCV020 Acquired: 12/27/2024 15:31:04 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV020 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.033328	4.910600	24.56480	4.638432	4.835926	406.5815	10.30821
Stddev	.010566	.007004	.02243	.006127	.009117	1.4033	.04111
%RSD	.2099290	.1426375	.0912920	.1320957	.1885242	.3451381	.3988469
#1	5.044237	4.904771	24.55980	4.643430	4.827366	406.6431	10.31998
#2	5.032606	4.908658	24.54529	4.631596	4.845513	407.9530	10.34216
#3	5.023141	4.918370	24.58930	4.640269	4.834898	405.1485	10.26250

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5145824	2.480265	405.0654	15.45558	2.498709	15.13780	411.8134
Stddev	.0021421	.001718	.9469	.03870	.003487	.04234	1.8130
%RSD	.4162871	.0692825	.2337541	.2503939	.1395662	.2796976	.4402520
#1	.5146725	2.479442	405.2682	15.41429	2.497030	15.13870	412.6848
#2	.5123966	2.479113	405.8945	15.46142	2.496379	15.17969	413.0262
#3	.5166780	2.482240	404.0336	15.49103	2.502718	15.09502	409.7292

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.18624	406.8024	2.489298	1.270833	411.5213	2.526722	14.40538
Stddev	.03146	1.0239	.000448	.004501	3.4129	.009749	.06862
%RSD	.2071520	.2516927	.0179934	.3541884	.8293330	.3858439	.4763769
#1	15.17885	407.2529	2.489806	1.266142	407.6682	2.530241	14.46441
#2	15.22073	407.5238	2.488959	1.271240	412.7316	2.534224	14.33009
#3	15.15913	405.6305	2.489129	1.275117	414.1640	2.515702	14.42164

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	156.6443	4.969899	4.967726	4.739213	5.033261	5.028392	5.008280
Stddev	.2756	.014950	.019427	.006888	.007017	.014247	.008618
%RSD	.1759632	.3008158	.3910682	.1453444	.1394135	.2833399	.1720663
#1	156.5360	4.954283	4.957741	4.732072	5.025253	5.033505	4.998344
#2	156.9576	4.971335	4.955323	4.739750	5.036197	5.012294	5.013711
#3	156.4392	4.984080	4.990116	4.745817	5.038334	5.039377	5.012786

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: CCV020 Acquired: 12/27/2024 15:31:04 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV020 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	5.126596	4.800908	5.205409
Stddev	.019089	.014331	.021216
%RSD	.3723433	.2984978	.4075731
#1	5.136195	4.802583	5.192693
#2	5.138980	4.814328	5.229900
#3	5.104613	4.785814	5.193632

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1711.276	23751.46	1981.815	1428.920	1546.673
Stddev	4.468	95.47	5.957	3.737	2.745
%RSD	.2610756	.4019743	.3005918	.2615257	.1774774
#1	1715.568	23861.41	1987.693	1425.641	1548.731
#2	1711.610	23689.46	1981.970	1432.988	1547.732
#3	1706.651	23703.51	1975.782	1428.131	1543.556

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: CCB020 Acquired: 12/27/2024 15:36:06 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB020 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000164	-.001099	.0005969	.0031557	-.006310	.0074070	-.005905
Stddev	.001427	.003009	.0020859	.0043136	.004931	.0169693	.001384
%RSD	868.1585	273.7222	349.4334	136.6910	78.15514	229.0966	23.43518
#1	.001333	-.003801	-.000083	.0064619	-.011868	-.012171	-.004307
#2	-.000318	.002143	-.001065	.0047288	-.004599	.017893	-.006728
#3	-.001509	-.001640	.002938	-.001724	-.002462	.016499	-.006680

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000004	.0000682	-.013443	-.001506	-.000016	-.011325	.0200955
Stddev	.000063	.0000200	.031343	.000033	.000195	.010653	.0388927
%RSD	1540.276	29.30034	233.1628	2.183652	1207.036	94.05956	193.5389
#1	.000068	.0000867	-.039600	-.001506	-.000020	-.004221	.0646731
#2	-.000040	.0000470	.021298	-.001473	.000180	-.006182	.0025254
#3	-.000041	.0000710	-.022026	-.001538	-.000209	-.023574	-.006912

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0012860	.0510449	.0001472	.0007111	.0372912	-.010194	-.001716
Stddev	.0003156	.0556804	.0003298	.0012397	.0100248	.007087	.000607
%RSD	24.53910	109.0811	224.0439	174.3273	26.88240	69.52901	35.36186
#1	.0012265	.1142871	.0001569	.0018109	.0408740	-.013231	-.001207
#2	.0016272	.0093928	.0004721	-.000632	.0450322	-.015256	-.001553
#3	.0010045	.0294548	-.000187	.000955	.0259673	-.002094	-.002388

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2489302	-.002757	.0050757	.0006636	-.000889	-.002206	-.003820
Stddev	.1745868	.001290	.0021721	.0005192	.001648	.001001	.001572
%RSD	70.13485	46.80896	42.79458	78.24595	185.4636	45.36464	41.15052
#1	.0621980	-.001268	.0074271	.0002546	-.002475	-.001181	-.005280
#2	.4080905	-.003437	.0046558	.0004884	-.001005	-.003181	-.002156
#3	.2765020	-.003564	.0031442	.0012478	.000815	-.002257	-.004023

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: CCB020 Acquired: 12/27/2024 15:36:06 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB020 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	-.002676	-.000141	.0116458
Stddev	.002355	.000426	.0056899
%RSD	88.01126	301.7039	48.85776
#1	-.001609	-.000632	.0087808
#2	-.005376	.000076	.0181987
#3	-.001043	.000133	.0079579

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2081.679	26341.91	2041.174	1761.330	1883.623
Stddev	3.349	199.21	30.365	8.798	3.371
%RSD	.1608923	.7562408	1.487633	.4994818	.1789395
#1	2083.439	26121.33	2007.538	1751.208	1880.637
#2	2083.780	26508.69	2049.418	1767.137	1887.277
#3	2077.816	26395.71	2066.565	1765.644	1882.954

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: P5027-12 Acquired: 12/27/2024 15:40:15 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHK22S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2860053	.0403706	5.226828	.2284539	.0712265	75.54816
Stddev	.0048846	.0023466	.017243	.0057460	.0010186	.23484
%RSD	1.707861	5.812631	.3298880	2.515191	1.430028	.3108422
#1	.2915543	.0376756	5.241532	.2228137	.0716516	75.37300
#2	.2823558	.0419617	5.231102	.2343002	.0719636	75.81501
#3	.2841059	.0414745	5.207850	.2282477	.0700642	75.45646

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.182775	.0898517	.1058285	171.9110	.4944421	1.077996
Stddev	.022464	.0003316	.0002385	.6920	.0005036	.001905
%RSD	.3633336	.3690304	.2254044	.4025119	.1018514	.1767574
#1	6.175785	.0900943	.1060741	171.6272	.4949086	1.079826
#2	6.207902	.0899870	.1058138	172.6998	.4939082	1.076023
#3	6.164636	.0894739	.1055977	171.4061	.4945094	1.078137

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9579192	174.0653	8.927213	62.93766	1.146535	.0350983
Stddev	.0073710	.2294	.026793	.22930	.003609	.0006853
%RSD	.7694776	.1317737	.3001313	.3643262	.3147465	1.952440
#1	.9540719	173.8718	8.916582	63.17654	1.150533	.0352305
#2	.9664178	174.3187	8.957691	62.71933	1.143518	.0357079
#3	.9532679	174.0055	8.907367	62.91712	1.145554	.0343566

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9425799	1.066486	3.282573	7.401074	F 13.52934	.0623552
Stddev	.0092279	.009020	.017379	.045353	.03755	.0005012
%RSD	.9790002	.8457477	.5294288	.6127855	.2775205	.8036991
#1	.9324329	1.057009	3.290370	7.435506	13.56967	.0618397
#2	.9504699	1.074965	3.262661	7.418030	13.52298	.0628406
#3	.9448370	1.067484	3.294687	7.349686	13.49538	.0623854

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: P5027-12 Acquired: 12/27/2024 15:40:15 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHK22S Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0063569	3.252093	8.899529	F 10.52121	1.282727	.1186235
Stddev	.0002163	.018419	.041554	.03126	.005886	.0011876
%RSD	3.402350	.5663667	.4669184	.2971043	.4588976	1.001118
#1	.0062012	3.272607	8.925294	10.55519	1.281684	.1176983
#2	.0062656	3.246697	8.921701	10.51475	1.289066	.1199626
#3	.0066038	3.236974	8.851592	10.49368	1.277433	.1182095

Elem	Li6707
Units	ppm
Avg	.1443958
Stddev	.0042895
%RSD	2.970648
#1	.1466168
#2	.1471194
#3	.1394513

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2427.059	31056.11	2454.584	2049.341	1708.696
Stddev	5.104	64.04	13.303	5.582	3.194
%RSD	.2102837	.2062100	.5419490	.2723792	.1869069
#1	2432.951	30998.46	2449.493	2043.940	1710.892
#2	2424.246	31044.83	2444.579	2055.088	1710.164
#3	2423.981	31125.04	2469.680	2048.995	1705.032

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: P5082-06 Acquired: 12/27/2024 15:44:07 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLL6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1312659	-.056190	1.543424	.0753290	.0036264	61.00942	1.321441
Stddev	.0040230	.001143	.004390	.0018521	.0017631	.10680	.003334
%RSD	3.064785	2.033562	.2844240	2.458693	48.61975	.1750516	.2523229
#1	.1275881	-.055249	1.542108	.0773449	.0053993	60.89856	1.317803
#2	.1355624	-.057461	1.539842	.0749395	.0018732	61.01809	1.322171
#3	.1306472	-.055860	1.548321	.0737026	.0036067	61.11162	1.324351

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0070976	.0055513	66.24467	.1800787	.0917184	.3237822	153.6231
Stddev	.0002112	.0001185	.07558	.0007766	.0003351	.0081087	.5140
%RSD	2.975596	2.135373	.1140954	.4312505	.3653857	2.504385	.3345620
#1	.0069388	.0054706	66.16369	.1799080	.0917518	.3213442	153.0787
#2	.0073373	.0054959	66.25699	.1794016	.0920356	.3171721	154.1000
#3	.0070168	.0056874	66.31334	.1809264	.0913678	.3328302	153.6906

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.69641	20.78891	.1406410	-.027759	.4543289	.1605101	.8474294
Stddev	.03903	.15793	.0013784	.000690	.0244197	.0112558	.0064283
%RSD	.3648774	.7596804	.9800528	2.486166	5.374889	7.012542	.7585618
#1	10.65550	20.60786	.1404212	-.028088	.4824901	.1734889	.8496574
#2	10.70051	20.86051	.1393857	-.026966	.4414840	.1546189	.8524473
#3	10.73323	20.89836	.1421160	-.028223	.4390124	.1534225	.8401835

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.733329	9.477705	.0355415	.0079649	2.037780	6.137456	.0708024
Stddev	.114837	.041072	.0024421	.0000837	.005529	.059472	.0009101
%RSD	2.426142	.4333491	6.871076	1.050584	.2713081	.9689958	1.285374
#1	4.658615	9.452148	.0327254	.0079969	2.031635	6.080355	.0697578
#2	4.675813	9.455887	.0370753	.0080278	2.042352	6.132968	.0712254
#3	4.865559	9.525082	.0368238	.0078699	2.039354	6.199044	.0714240

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: P5082-06 Acquired: 12/27/2024 15:44:07 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLL6 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.6859106	.1208941	.0950708
Stddev	.0024387	.0008188	.0024262
%RSD	.3555402	.6773043	2.551971
#1	.6832457	.1217915	.0922833
#2	.6864551	.1207035	.0962216
#3	.6880311	.1201874	.0967074

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2472.446	31458.65	2443.151	2086.430	1896.240
Stddev	7.508	122.50	12.612	23.320	8.106
%RSD	.3036684	.3894080	.5162131	1.117703	.4274523
#1	2479.995	31447.71	2457.618	2077.203	1903.624
#2	2472.362	31341.98	2434.472	2069.135	1897.529
#3	2464.980	31586.25	2437.362	2112.952	1887.567

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: P5082-07 Acquired: 12/27/2024 15:54:14 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLL6D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1318258	-.054533	1.568770	.0855250	.0048536	61.39216	1.334784
Stddev	.0029844	.002114	.005653	.0011906	.0012211	.49452	.013455
%RSD	2.263914	3.877053	.3603694	1.392152	25.15770	.8055034	1.008028
#1	.1298613	-.054376	1.573952	.0841502	.0037109	60.82407	1.319430
#2	.1352600	-.052503	1.569618	.0862035	.0047096	61.72620	1.340407
#3	.1303560	-.056722	1.562741	.0862213	.0061402	61.62622	1.344515

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0071152	.0056917	67.61520	.1835871	.0937966	.3319396	155.2471
Stddev	.0000787	.0000988	.56267	.0002149	.0002761	.0126360	1.1934
%RSD	1.106047	1.736469	.8321641	.1170374	.2943338	3.806720	.7686911
#1	.0070379	.0057882	66.97808	.1837233	.0936283	.3278585	153.9249
#2	.0071124	.0055907	68.04400	.1836986	.0941152	.3218485	155.5718
#3	.0071952	.0056961	67.82352	.1833394	.0936463	.3461118	156.2444

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.76591	20.92058	.1436089	-.027915	.4492811	.1663006	.8965034
Stddev	.07741	.12912	.0002473	.001311	.0042693	.0169712	.0024771
%RSD	.7189924	.6171951	.1721743	4.696201	.9502599	10.20513	.2763007
#1	10.68010	20.78364	.1438906	-.027938	.4455078	.1593572	.8990892
#2	10.78714	20.93798	.1434275	-.029214	.4539153	.1539022	.8941517
#3	10.83049	21.04012	.1435087	-.026592	.4484203	.1856426	.8962695

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.644334	9.693201	.0372528	.0080875	2.082077	6.193231	.0718012
Stddev	.026010	.006663	.0022570	.0001926	.006880	.049259	.0015554
%RSD	.5600370	.0687389	6.058711	2.381496	.3304602	.7953627	2.166306
#1	4.641513	9.685647	.0346971	.0080102	2.086021	6.239611	.0719523
#2	4.619850	9.698244	.0380884	.0079455	2.086078	6.198557	.0701757
#3	4.671640	9.695711	.0389728	.0083067	2.074132	6.141526	.0732755

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: P5082-07 Acquired: 12/27/2024 15:54:14 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLL6D Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.6954753	.1268548	.0971572
Stddev	.0065555	.0020579	.0025773
%RSD	.9425850	1.622288	2.652687
#1	.6880509	.1245146	.0996589
#2	.6979101	.1283824	.0973024
#3	.7004650	.1276674	.0945105

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2462.010	31095.49	2459.228	2073.658	1878.514
Stddev	3.502	176.33	6.401	10.524	3.269
%RSD	.1422248	.5670617	.2602887	.5075202	.1740216
#1	2458.268	31283.36	2453.866	2082.673	1874.808
#2	2462.553	31069.54	2457.503	2076.208	1879.749
#3	2465.208	30933.58	2466.315	2062.093	1880.986

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: P5082-06LX5 Acquired: 12/27/2024 15:58:11 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLL6L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0261982	-.012218	.3154933	.0117200	-.006175	13.74845	.2983783
Stddev	.0049474	.001304	.0002274	.0023909	.002437	.02508	.0006126
%RSD	18.88438	10.67488	.0720752	20.39987	39.46236	.1824511	.2053276
#1	.0229455	-.010718	.3156380	.0130996	-.008982	13.73962	.2977360
#2	.0318917	-.012855	.3152312	.0089592	-.004944	13.72898	.2984426
#3	.0237574	-.013082	.3156107	.0131010	-.004600	13.77676	.2989562

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0015874	.0010730	15.23236	.0403309	.0237516	.0713494	34.86474
Stddev	.0001191	.0000441	.04984	.0008681	.0001820	.0095449	.16919
%RSD	7.504723	4.107286	.3272091	2.152431	.7661525	13.37764	.4852732
#1	.0016078	.0011155	15.20847	.0404525	.0239333	.0748791	34.69066
#2	.0016950	.0010275	15.28964	.0411317	.0235693	.0605424	34.87499
#3	.0014594	.0010758	15.19895	.0394084	.0237522	.0786266	35.02857

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.431458	4.728060	.0276643	-.005872	.0925567	.0376127	.2249534
Stddev	.001177	.042533	.0003079	.000483	.0341296	.0093685	.0012049
%RSD	.0483980	.8995842	1.112904	8.221829	36.87426	24.90774	.5356407
#1	2.431951	4.777161	.0280003	-.005316	.1208604	.0274714	.2237338
#2	2.430115	4.702582	.0275968	-.006188	.0546560	.0459443	.2261432
#3	2.432309	4.704437	.0273957	-.006111	.1021538	.0394223	.2249831

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8905947	1.948261	.0036152	.0015427	.4197709	1.427498	.0125460
Stddev	.2920306	.006825	.0017974	.0003548	.0061116	.006670	.0010157
%RSD	32.79051	.3503139	49.71922	22.99760	1.455930	.4672334	8.095841
#1	1.001050	1.941084	.0032172	.0011332	.4248242	1.420522	.0117185
#2	.559448	1.954670	.0020501	.0017584	.4129782	1.433813	.0122400
#3	1.111287	1.949028	.0055782	.0017364	.4215104	1.428158	.0136795

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: P5082-06LX5 Acquired: 12/27/2024 15:58:11 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLL6L Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.1550162	.0286513	.0186753
Stddev	.0033288	.0001336	.0034170
%RSD	2.147367	.4663758	18.29683
#1	.1512301	.0287915	.0184258
#2	.1563350	.0286369	.0153899
#3	.1574836	.0285254	.0222103

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2199.209	27818.94	2177.055	1845.527	1911.312
Stddev	1.661	146.14	8.685	5.905	1.162
%RSD	.0755227	.5253127	.3989121	.3199616	.0608046
#1	2201.028	27693.70	2182.250	1843.940	1912.538
#2	2197.774	27979.50	2181.886	1852.063	1911.172
#3	2198.825	27783.64	2167.029	1840.577	1910.226

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: P5082-08 Acquired: 12/27/2024 16:02:14 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLL6S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2164264	.0461736	1.602045	.2215456	.1465341	64.15328	4.785831
Stddev	.0038061	.0030257	.000213	.0016715	.0011408	.35995	.022428
%RSD	1.758610	6.552811	.0133033	.7544819	.7785363	.5610761	.4686241
#1	.2135266	.0443422	1.601815	.2201747	.1456604	63.74606	4.760091
#2	.2207363	.0445127	1.602235	.2234077	.1461172	64.28481	4.801171
#3	.2150164	.0496660	1.602087	.2210543	.1478248	64.42896	4.796230

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0932269	.1016347	66.99816	.5505383	1.057684	.7552550	155.2367
Stddev	.0005931	.0000405	.50259	.0007288	.000890	.0102615	.9470
%RSD	.6362028	.0398253	.7501605	.1323852	.0841612	1.358686	.6100226
#1	.0927659	.1015898	66.41841	.5511747	1.056771	.7475891	154.1499
#2	.0938960	.1016684	67.26509	.5506969	1.057731	.7512632	155.6759
#3	.0930189	.1016457	67.31096	.5497432	1.058549	.7669126	155.8843

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.50644	20.64694	1.129641	.0393153	.4509759	1.051296	1.635132
Stddev	.06337	.20323	.000814	.0015800	.0068048	.015243	.008588
%RSD	.5507315	.9842881	.0720167	4.018723	1.508913	1.449950	.5252112
#1	11.43448	20.45966	1.128729	.0383713	.4508958	1.038991	1.639061
#2	11.53092	20.61813	1.130290	.0384353	.4442115	1.046548	1.641053
#3	11.55391	20.86304	1.129904	.0411393	.4578204	1.068348	1.625283

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.577009	9.654431	.0312498	.0084680	2.093560	6.232130	.0699106
Stddev	.153295	.017178	.0010741	.0004644	.005649	.037562	.0026755
%RSD	3.349247	.1779266	3.437228	5.484408	.2698304	.6027105	3.827018
#1	4.521863	9.634744	.0302497	.0082402	2.098752	6.211396	.0673047
#2	4.750248	9.666370	.0323851	.0081616	2.087544	6.275489	.0697766
#3	4.458916	9.662178	.0311147	.0090024	2.094386	6.209505	.0726506

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: P5082-08 Acquired: 12/27/2024 16:02:14 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLL6S Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.6870184	.1265169	.0909740
Stddev	.0017647	.0010718	.0033185
%RSD	.2568580	.8471760	3.647765
#1	.6870547	.1260321	.0939042
#2	.6852359	.1277455	.0873704
#3	.6887646	.1257732	.0916474

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2455.860	31161.39	2456.023	2077.834	1877.379
Stddev	2.231	148.71	9.283	8.994	2.448
%RSD	.0908402	.4772410	.3779796	.4328486	.1303926
#1	2453.305	31070.58	2465.434	2067.512	1874.700
#2	2456.859	31333.02	2455.764	2083.987	1879.498
#3	2457.418	31080.58	2446.872	2082.003	1877.940

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: P5082-09 Acquired: 12/27/2024 16:06:10 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLL7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0810748	-.056843	1.060490	.0780112	.0060721	62.66935	1.073066
Stddev	.0029621	.003453	.001526	.0024240	.0022349	.07423	.002234
%RSD	3.653588	6.074573	.1439069	3.107225	36.80582	.1184424	.2082212
#1	.0844804	-.054431	1.062244	.0770039	.0069800	62.70445	1.073514
#2	.0790968	-.060799	1.059472	.0807764	.0035261	62.71952	1.075043
#3	.0796473	-.055300	1.059753	.0762533	.0077101	62.58409	1.070642

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0060400	.0036461	34.10928	.0971054	.0830797	.1561175	141.3286
Stddev	.0000734	.0000945	.14977	.0009321	.0002229	.0062767	.4834
%RSD	1.215992	2.591206	.4390942	.9598690	.2683190	4.020505	.3420069
#1	.0060561	.0035568	34.16698	.0981525	.0829655	.1526233	140.7743
#2	.0059598	.0036364	34.22162	.0967976	.0833366	.1633638	141.6624
#3	.0061040	.0037450	33.93924	.0963662	.0829371	.1523656	141.5490

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.963443	19.85564	.1201625	-.026477	.3374171	.1413607	.4790064
Stddev	.008922	.05333	.0005146	.000381	.0105254	.0103422	.0023330
%RSD	.0895466	.2685703	.4282336	1.439546	3.119412	7.316178	.4870576
#1	9.955697	19.91566	.1198783	-.026820	.3431710	.1309374	.4814509
#2	9.973198	19.83755	.1198527	-.026066	.3438114	.1516199	.4787648
#3	9.961433	19.81371	.1207565	-.026544	.3252690	.1415249	.4768036

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.445260	8.988663	.0299076	.0064293	1.830516	6.256075	.0510544
Stddev	.174191	.016187	.0027724	.0005142	.003699	.048158	.0035370
%RSD	5.055952	.1800819	9.269805	7.997390	.2020473	.7697872	6.927823
#1	3.623456	8.991682	.0277537	.0069352	1.829383	6.201745	.0541607
#2	3.275373	8.971179	.0330355	.0064455	1.827516	6.293505	.0517977
#3	3.436950	9.003127	.0289335	.0059072	1.834648	6.272977	.0472049

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: P5082-09 Acquired: 12/27/2024 16:06:10 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLL7 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.7055791	.0416681	.0914162
Stddev	.0012502	.0008708	.0034435
%RSD	.1771927	2.089832	3.766876
#1	.7059087	.0426389	.0881116
#2	.7041971	.0414096	.0911533
#3	.7066316	.0409559	.0949836

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2509.559	31688.73	2485.731	2108.615	1907.943
Stddev	5.160	200.62	17.198	15.902	2.630
%RSD	.2056295	.6330985	.6918721	.7541614	.1378405
#1	2511.552	31467.41	2497.184	2091.585	1905.886
#2	2503.699	31740.11	2465.955	2111.185	1907.036
#3	2513.426	31858.65	2494.054	2123.077	1910.906

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: P5079-10 Acquired: 12/27/2024 16:10:09 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLF8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1049401	-.064780	.2752135	.0967949	.0065931	67.82582
Stddev	.0074604	.000458	.0032446	.0060330	.0059662	.25775
%RSD	7.109192	.7076316	1.178940	6.232809	90.49069	.3800151
#1	.1111444	-.065280	.2727566	.0902202	.0000031	67.59037
#2	.0966623	-.064379	.2788914	.0980881	.0116270	67.78589
#3	.1070135	-.064682	.2739923	.1020765	.0081494	68.10121

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.079034	.0069735	.0041651	62.26660	.1109886	.1041952
Stddev	.003433	.0001347	.0000997	.18249	.0004868	.0001611
%RSD	.3181241	1.931918	2.392914	.2930829	.4385970	.1545934
#1	1.075101	.0071211	.0040879	62.12249	.1114455	.1043599
#2	1.081423	.0068571	.0042776	62.20551	.1104766	.1041878
#3	1.080579	.0069423	.0041298	62.47180	.1110437	.1040380

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2274337	169.8916	11.62869	27.69325	.1682995	-.031553
Stddev	.0028496	.8047	.02953	.09810	.0011146	.000457
%RSD	1.252943	.4736533	.2539266	.3542206	.6622419	1.449900
#1	.2243457	169.2568	11.61432	27.65205	.1670688	-.031792
#2	.2279939	169.6214	11.60909	27.80523	.1692408	-.031841
#3	.2299617	170.7967	11.66265	27.62248	.1685888	-.031025

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4020816	.1615557	.5956595	7.053822	F 12.97832	.0587286
Stddev	.0320146	.0050043	.0034208	.082758	.03988	.0018167
%RSD	7.962205	3.097588	.5742885	1.173229	.3072851	3.093428
#1	.3834231	.1622913	.5995249	7.088421	12.93499	.0569501
#2	.3837734	.1562242	.5930224	7.113664	12.98648	.0586544
#3	.4390483	.1661515	.5944314	6.959379	13.01349	.0605812

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: P5079-10 Acquired: 12/27/2024 16:10:09 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLF8 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0038255	1.642609	8.260477	.0317864	.7548973	-.019327
Stddev	.0005476	.009388	.028381	.0016301	.0027687	.000934
%RSD	14.31429	.5715221	.3435730	5.128260	.3667632	4.830436
#1	.0044392	1.632322	8.292096	.0334025	.7564012	-.018793
#2	.0033868	1.650714	8.237207	.0318139	.7517022	-.018783
#3	.0036506	1.644792	8.252128	.0301427	.7565887	-.020405

Elem	Li6707
Units	ppm
Avg	.1076462
Stddev	.0031378
%RSD	2.914934
#1	.1072581
#2	.1047204
#3	.1109600

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2788.111	35263.96	2786.917	2348.543	1848.111
Stddev	6.563	50.25	11.883	4.783	1.105
%RSD	.2353838	.1424908	.4263741	.2036620	.0598056
#1	2784.026	35253.75	2785.823	2346.504	1847.921
#2	2795.681	35318.52	2799.309	2354.008	1849.299
#3	2784.626	35219.60	2775.619	2345.118	1847.113

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: P5079-11 Acquired: 12/27/2024 16:14:07 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLF8D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1094136	-.064368	.2731720	.0937510	.0072022	67.60190
Stddev	.0025957	.001177	.0032760	.0009756	.0024217	.15946
%RSD	2.372412	1.827957	1.199234	1.040653	33.62401	.2358879
#1	.1074506	-.063495	.2749035	.0941735	.0086229	67.78603
#2	.1084334	-.065706	.2752188	.0926354	.0085777	67.50809
#3	.1123567	-.063902	.2693936	.0944442	.0044060	67.51159

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.078190	.0069742	.0041466	62.03230	.1109282	.1026752
Stddev	.005075	.0001091	.0000787	.14661	.0007863	.0003678
%RSD	.4707368	1.564987	1.897525	.2363373	.7088721	.3581986
#1	1.083751	.0068565	.0041174	62.14290	.1101828	.1022506
#2	1.077012	.0069939	.0042357	62.08798	.1108517	.1028972
#3	1.073807	.0070721	.0040866	61.86601	.1117499	.1028777

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2191313	169.1169	11.59494	27.70172	.1670598	-.031996
Stddev	.0023044	.4718	.03179	.09523	.0005690	.000454
%RSD	1.051588	.2789575	.2741680	.3437529	.3406231	1.419118
#1	.2164812	169.6582	11.62716	27.68516	.1664753	-.032515
#2	.2206634	168.8989	11.59405	27.80415	.1670920	-.031672
#3	.2202492	168.7935	11.56360	27.61587	.1676121	-.031800

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4169282	.1589888	.5908801	7.150208	F 12.87964	.0563430
Stddev	.0103267	.0062606	.0012871	.106536	.01808	.0017741
%RSD	2.476854	3.937772	.2178306	1.489976	.1403917	3.148735
#1	.4116918	.1621986	.5913786	7.201438	12.87327	.0549112
#2	.4102687	.1629936	.5894183	7.027735	12.86561	.0583277
#3	.4288241	.1517743	.5918434	7.221452	12.90005	.0557902

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: P5079-11 Acquired: 12/27/2024 16:14:07 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLF8D Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0041996	1.625262	8.326533	.0327736	.7538218	-.019007
Stddev	.0004908	.007688	.056121	.0023732	.0022419	.000730
%RSD	11.68607	.4730546	.6739968	7.241036	.2974062	3.842434
#1	.0037485	1.624812	8.380788	.0300337	.7557129	-.019813
#2	.0041281	1.617809	8.268717	.0341855	.7544074	-.018389
#3	.0047222	1.633166	8.330095	.0341014	.7513453	-.018820

Elem	Li6707
Units	ppm
Avg	.1072892
Stddev	.0009080
%RSD	.8463173
#1	.1063046
#2	.1074694
#3	.1080935

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2801.433	35368.63	2764.184	2352.430	1861.872
Stddev	2.300	81.81	17.575	5.513	2.282
%RSD	.0820855	.2313203	.6358018	.2343696	.1225632
#1	2800.110	35428.98	2744.473	2350.339	1861.158
#2	2800.101	35275.51	2778.220	2348.267	1860.033
#3	2804.088	35401.42	2769.859	2358.682	1864.426

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: P5079-10LX5 Acquired: 12/27/2024 16:18:05 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLF8L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0244876	-.015950	.0568177	.0201157	-.004829	16.77635	.2641158
Stddev	.0027195	.001500	.0031112	.0035706	.001442	.04437	.0008783
%RSD	11.10565	9.402060	5.475752	17.75021	29.86995	.2644799	.3325492
#1	.0274426	-.014264	.0577515	.0160367	-.003534	16.75752	.2650931
#2	.0220899	-.016452	.0533466	.0226752	-.004568	16.74450	.2633924
#3	.0239302	-.017135	.0593551	.0216351	-.006384	16.82703	.2638620

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0017745	.0006469	15.62917	.0267461	.0267621	.0524602	42.40134
Stddev	.0002369	.0000233	.01185	.0004023	.0004489	.0034228	.15355
%RSD	13.34734	3.595508	.0758205	1.504212	1.677404	6.524487	.3621347
#1	.0016625	.0006373	15.64107	.0266419	.0263298	.0487014	42.43813
#2	.0016145	.0006734	15.61737	.0264062	.0267306	.0553973	42.23274
#3	.0020466	.0006300	15.62907	.0271903	.0272260	.0532819	42.53316

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.917714	6.962826	.0326669	-.008197	.0961212	.0357085	.1699183
Stddev	.018129	.026192	.0001244	.000521	.0302134	.0084795	.0007403
%RSD	.6213466	.3761737	.3809451	6.357494	31.43260	23.74650	.4356794
#1	2.931291	6.935439	.0328060	-.008699	.1299173	.0376872	.1692042
#2	2.897126	6.965408	.0325660	-.008233	.0867205	.0430236	.1706823
#3	2.924723	6.987632	.0326288	-.007659	.0717256	.0264145	.1698685

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.825623	2.588576	.0106176	.0011183	.3188793	2.137522	.0051088
Stddev	.144588	.008853	.0015351	.0006187	.0042797	.017224	.0011217
%RSD	7.919943	.3419980	14.45826	55.32246	1.342096	.8057796	21.95687
#1	1.714842	2.585201	.0117573	.0013114	.3199342	2.147024	.0042430
#2	1.989186	2.581906	.0112236	.0004261	.3225328	2.117640	.0047075
#3	1.772840	2.598619	.0088720	.0016175	.3141708	2.147901	.0063760

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: P5079-10LX5 Acquired: 12/27/2024 16:18:05 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLF8L Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.1897199	-.005383	.0276879
Stddev	.0022472	.000471	.0023178
%RSD	1.184467	8.750845	8.371032
#1	.1881741	-.005383	.0253702
#2	.1886878	-.004912	.0300057
#3	.1922977	-.005855	.0276878

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2260.508	28539.10	2224.203	1913.556	1899.412
Stddev	3.746	13.97	19.868	7.346	3.107
%RSD	.1657130	.0489497	.8932864	.3838734	.1635649
#1	2263.733	28531.79	2221.836	1915.244	1899.070
#2	2261.393	28555.21	2245.148	1905.513	1902.676
#3	2256.399	28530.31	2205.623	1919.911	1896.491

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: P5079-12 Acquired: 12/27/2024 16:22:07 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLF8S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1948488	.0362263	.3086452	.2095756	.1308675	70.05997
Stddev	.0016465	.0022867	.0008949	.0032190	.0030407	.02616
%RSD	.8449930	6.312362	.2899482	1.535961	2.323459	.0373354
#1	.1933854	.0335929	.3084983	.2132283	.1343047	70.02980
#2	.1966316	.0377105	.3096045	.2083454	.1297693	70.07617
#3	.1945295	.0373756	.3078329	.2071531	.1285285	70.07396

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.105021	.0821650	.0980404	61.76115	.4216582	1.041410
Stddev	.004651	.0006947	.0001468	.11013	.0017573	.001419
%RSD	.1133003	.8454312	.1497344	.1783197	.4167690	.1362240
#1	4.107001	.0829190	.0982051	61.64481	.4196290	1.043031
#2	4.108355	.0815509	.0979925	61.77484	.4226767	1.040800
#3	4.099708	.0820253	.0979235	61.86379	.4226690	1.040398

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5744942	169.9697	12.28921	27.68287	1.124664	.0263706
Stddev	.0084771	.1297	.00246	.03453	.001965	.0005116
%RSD	1.475573	.0763355	.0200542	.1247185	.1746944	1.939966
#1	.5669666	169.9234	12.29196	27.67563	1.125594	.0269516
#2	.5836767	170.1162	12.28847	27.72044	1.125991	.0261725
#3	.5728392	169.8694	12.28720	27.65254	1.122407	.0259877

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4227699	.9359813	1.227730	7.097479	F 12.74819	.0511067
Stddev	.0150422	.0051392	.001148	.100832	.02240	.0023459
%RSD	3.558020	.5490709	.0934988	1.420676	.1757307	4.590247
#1	.4084589	.9411400	1.227884	7.213906	12.77322	.0489897
#2	.4214010	.9359420	1.226512	7.040051	12.74134	.0536288
#3	.4384498	.9308618	1.228793	7.038479	12.73001	.0507016

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: P5079-12 Acquired: 12/27/2024 16:22:07 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLF8S Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0035126	1.612795	8.356889	.0319367	.7526116	-.021370
Stddev	.0001874	.002210	.058396	.0003926	.0011274	.000286
%RSD	5.335165	.1370386	.6987815	1.229375	.1498000	1.336054
#1	.0034173	1.612006	8.417802	.0322901	.7539134	-.021622
#2	.0037285	1.611087	8.301386	.0315141	.7519503	-.021427
#3	.0033920	1.615291	8.351480	.0320061	.7519712	-.021060

Elem	Li6707
Units	ppm
Avg	.1080963
Stddev	.0014484
%RSD	1.339884
#1	.1081004
#2	.1066459
#3	.1095427

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2783.288	35321.21	2743.337	2355.648	1860.607
Stddev	2.688	280.74	7.272	14.267	2.862
%RSD	.0965867	.7948101	.2650631	.6056522	.1538224
#1	2783.484	35645.29	2739.421	2371.690	1857.305
#2	2785.873	35152.39	2751.728	2344.380	1862.370
#3	2780.507	35165.96	2738.864	2350.876	1862.147

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: P5087-06 Acquired: 12/27/2024 16:26:02 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLY4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1173806	-.066421	.4340899	.0896692	.0118158	72.90797	.9870586
Stddev	.0030050	.000280	.0005570	.0037881	.0006888	.17639	.0019754
%RSD	2.560079	.4208075	.1283118	4.224529	5.829873	.2419338	.2001339
#1	.1202714	-.066193	.4346638	.0902140	.0114651	72.76242	.9848034
#2	.1142731	-.066733	.4340544	.0856382	.0126094	72.85735	.9884830
#3	.1175973	-.066338	.4335515	.0931554	.0113729	73.10413	.9878893

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0074044	.0034494	56.05900	.1189371	.0997555	.3646893	162.6861
Stddev	.0001443	.0000504	.20741	.0006350	.0005144	.0015396	.5222
%RSD	1.948587	1.460617	.3699800	.5338725	.5156206	.4221544	.3209761
#1	.0072791	.0034747	55.99309	.1192275	.0994347	.3632168	162.2177
#2	.0075621	.0033914	55.89255	.1182089	.1003488	.3662881	162.5915
#3	.0073720	.0034822	56.29135	.1193749	.0994831	.3645628	163.2491

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.445334	25.09158	.1625777	-.029761	.3213723	.1630255	.8081282
Stddev	.016164	.12837	.0003175	.001466	.0174373	.0029663	.0024450
%RSD	.1913908	.5115923	.1952821	4.924423	5.425876	1.819511	.3025472
#1	8.432094	24.95558	.1628960	-.028207	.3096718	.1596100	.8099962
#2	8.440562	25.10854	.1625760	-.029959	.3130316	.1645112	.8053609
#3	8.463346	25.21063	.1622611	-.031118	.3414135	.1649553	.8090275

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.152694	9.835847	.0393172	.0068510	3.784345	6.541286	.0347580
Stddev	.142434	.003896	.0010054	.0004615	.007892	.073007	.0011147
%RSD	2.764258	.0396144	2.557120	6.736098	.2085323	1.116100	3.207027
#1	5.212598	9.839416	.0381573	.0072820	3.775492	6.516181	.0355201
#2	5.255392	9.831690	.0399395	.0063641	3.790639	6.484143	.0334786
#3	4.990092	9.836436	.0398548	.0069069	3.786905	6.623533	.0352752

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: P5087-06 Acquired: 12/27/2024 16:26:02 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLY4 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.6446452	-.027510	.1335166
Stddev	.0039130	.000385	.0031017
%RSD	.6069982	1.398600	2.323088
#1	.6428747	-.027923	.1321356
#2	.6419304	-.027163	.1370690
#3	.6491305	-.027443	.1313452

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2816.183	35589.61	2805.511	2380.688	1891.074
Stddev	4.812	169.02	25.248	13.177	1.853
%RSD	.1708562	.4749138	.8999605	.5534984	.0980046
#1	2811.430	35572.02	2808.704	2373.296	1889.342
#2	2816.067	35766.74	2829.011	2395.902	1890.850
#3	2821.051	35430.07	2778.818	2372.867	1893.028

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: P5087-07 Acquired: 12/27/2024 16:29:59 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLY4D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1136767	-.064165	.4329675	.0889427	.0114251	72.89069	.9886339
Stddev	.0018487	.002691	.0021926	.0003113	.0026586	.14611	.0020149
%RSD	1.626236	4.194185	.5064073	.3499491	23.26957	.2004501	.2038084
#1	.1139531	-.063720	.4310894	.0887490	.0142195	73.00903	.9908677
#2	.1153715	-.067051	.4324362	.0893017	.0111286	72.93566	.9880806
#3	.1117054	-.061724	.4353769	.0887774	.0089272	72.72738	.9869535

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0078109	.0034616	56.07270	.1178822	.0990161	.3616209	163.0018
Stddev	.0000334	.0000170	.21291	.0012601	.0002586	.0038147	.2092
%RSD	.4272264	.4923120	.3797007	1.068935	.2611178	1.054899	.1283150
#1	.0077729	.0034807	56.28834	.1165992	.0988122	.3630309	162.8168
#2	.0078246	.0034559	56.06714	.1179292	.0993069	.3573018	162.9599
#3	.0078353	.0034481	55.86263	.1191181	.0989293	.3645299	163.2288

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.440600	25.12679	.1609709	-.029124	.3386292	.1641509	.8081310
Stddev	.011871	.02430	.0006272	.001217	.0179519	.0044141	.0016274
%RSD	.1406454	.0966933	.3896295	4.178266	5.301341	2.689072	.2013797
#1	8.449575	25.15220	.1606042	-.030074	.3500625	.1636334	.8095965
#2	8.445085	25.12438	.1616951	-.029545	.3179383	.1600183	.8063795
#3	8.427139	25.10379	.1606134	-.027752	.3478870	.1688009	.8084168

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.203642	9.792390	.0393305	.0069193	3.757202	6.585170	.0340225
Stddev	.170773	.030248	.0014160	.0003778	.012175	.033415	.0017348
%RSD	3.281792	.3088900	3.600370	5.460288	.3240544	.5074215	5.099054
#1	5.384488	9.760449	.0377981	.0069190	3.744990	6.612796	.0327995
#2	5.045144	9.796122	.0396029	.0072973	3.769340	6.594684	.0360080
#3	5.181293	9.820598	.0405906	.0065417	3.757277	6.548030	.0332600

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: P5087-07 Acquired: 12/27/2024 16:29:59 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLY4D Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.6494930	-.028275	.1361898
Stddev	.0037192	.000343	.0017242
%RSD	.5726328	1.213114	1.266026
#1	.6497361	-.027928	.1380249
#2	.6456582	-.028281	.1346035
#3	.6530847	-.028614	.1359411

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2824.317	35841.81	2799.782	2388.960	1899.645
Stddev	.218	108.65	13.661	9.271	.471
%RSD	.0077230	.3031445	.4879300	.3880790	.0248038
#1	2824.115	35906.69	2790.654	2388.307	1900.188
#2	2824.288	35716.38	2793.204	2380.033	1899.344
#3	2824.548	35902.38	2815.488	2398.540	1899.404

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: P5087-06LX5 Acquired: 12/27/2024 16:33:58 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLY4L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0213377	-.017769	.0937150	.0180379	.0003535	18.97413	.2533896
Stddev	.0010599	.002640	.0009971	.0022481	.0032837	.01600	.0032785
%RSD	4.967217	14.85654	1.063985	12.46297	928.8415	.0843456	1.293839
#1	.0225262	-.020784	.0927525	.0191666	.0037912	18.95568	.2537922
#2	.0204904	-.016650	.0936492	.0194979	-.002751	18.98246	.2564482
#3	.0209966	-.015873	.0947434	.0154491	.000020	18.98425	.2499284

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0020884	.0006425	14.76892	.0303793	.0264894	.0954982	42.82711
Stddev	.0000653	.0000462	.04310	.0003716	.0002415	.0076227	.09020
%RSD	3.127953	7.184331	.2918522	1.223264	.9116199	7.981995	.2106172
#1	.0021360	.0005977	14.72278	.0300847	.0266121	.1036947	42.92161
#2	.0020139	.0006400	14.80815	.0307968	.0266449	.0941779	42.74193
#3	.0021154	.0006900	14.77581	.0302563	.0262112	.0886219	42.81779

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.224741	6.591586	.0331577	-.006604	.0751851	.0437875	.2343560
Stddev	.007881	.038737	.0005872	.000371	.0239821	.0161572	.0004362
%RSD	.3542246	.5876740	1.771074	5.613306	31.89747	36.89919	.1861263
#1	2.233086	6.546993	.0331135	-.006192	.1016729	.0415117	.2348154
#2	2.217426	6.616907	.0325938	-.006911	.0549455	.0609620	.2339475
#3	2.223713	6.610857	.0337658	-.006709	.0689368	.0288888	.2343050

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.522170	2.079253	.0057025	.0015784	.7844199	1.780238	.0041561
Stddev	.071058	.007571	.0050720	.0003773	.0059827	.021788	.0000820
%RSD	4.668202	.3641361	88.94324	23.90630	.7626956	1.223910	1.974026
#1	1.577064	2.081384	.0073637	.0011618	.7901276	1.769283	.0041665
#2	1.547537	2.070844	.0000082	.0018973	.7849365	1.805330	.0040694
#3	1.441910	2.085530	.0097356	.0016760	.7781957	1.766101	.0042324

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: P5087-06LX5 Acquired: 12/27/2024 16:33:58 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLY4L Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.1656880	-.007712	.0359447
Stddev	.0019597	.000211	.0056573
%RSD	1.182781	2.732043	15.73886
#1	.1638358	-.007934	.0409730
#2	.1654882	-.007515	.0370419
#3	.1677400	-.007687	.0298191

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2214.609	27951.03	2155.966	1868.260	1865.281
Stddev	10.658	172.94	14.653	13.538	8.382
%RSD	.4812532	.6187297	.6796682	.7246231	.4493578
#1	2214.554	27855.04	2164.678	1863.200	1863.224
#2	2225.294	28150.68	2139.048	1883.599	1874.500
#3	2203.979	27847.38	2164.172	1857.981	1858.120

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: P5087-08 Acquired: 12/27/2024 16:38:02 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLY4S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1963840	.0339219	.4556154	.2013945	.1316094	74.63072	3.967815
Stddev	.0025355	.0032550	.0008775	.0040876	.0039225	.23714	.011011
%RSD	1.291106	9.595458	.1925944	2.029655	2.980377	.3177564	.2775138
#1	.1972549	.0344871	.4563130	.1981153	.1359454	74.41092	3.962951
#2	.1935278	.0368573	.4546302	.2059741	.1305751	74.88205	3.980420
#3	.1983693	.0304214	.4559029	.2000942	.1283078	74.59917	3.960073

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0819054	.0947358	54.79765	.4274193	1.022034	.7136830	161.1960
Stddev	.0004794	.0001045	.15509	.0005591	.002893	.0069942	.2187
%RSD	.5852524	.1103185	.2830173	.1308184	.2831107	.9800206	.1357029
#1	.0818347	.0946701	54.61884	.4268813	1.022488	.7063300	160.9655
#2	.0824162	.0946809	54.87856	.4273793	1.018940	.7144666	161.4008
#3	.0814653	.0948563	54.89555	.4279974	1.024674	.7202525	161.2216

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.040931	24.61185	1.102256	.0293670	.3538224	.9309468	1.434506
Stddev	.015655	.02481	.002891	.0006233	.0203997	.0092516	.005020
%RSD	.1731604	.1008020	.2622782	2.122600	5.765521	.9937830	.3499774
#1	9.028177	24.61018	1.103555	.0286514	.3437348	.9209730	1.439067
#2	9.058402	24.63745	1.098943	.0297923	.3404318	.9392480	1.435325
#3	9.036213	24.58792	1.104270	.0296572	.3773006	.9326195	1.429127

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.255604	9.450980	.0417047	.0067454	3.598353	6.515297	.0342793
Stddev	.116954	.028121	.0015983	.0005340	.006555	.051351	.0004439
%RSD	2.225329	.2975503	3.832304	7.916113	.1821606	.7881656	1.295083
#1	5.363880	9.446044	.0430910	.0072964	3.591556	6.516497	.0347898
#2	5.271364	9.425654	.0399565	.0062302	3.604636	6.566038	.0340645
#3	5.131569	9.481243	.0420667	.0067097	3.598866	6.463357	.0339836

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: P5087-08 Acquired: 12/27/2024 16:38:02 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLY4S Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.6369503	-.029198	.1313755
Stddev	.0062732	.000634	.0071817
%RSD	.9848781	2.171165	5.466587
#1	.6326321	-.029911	.1246794
#2	.6340727	-.028698	.1389602
#3	.6441460	-.028984	.1304868

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2775.552	35493.89	2762.985	2349.137	1892.264
Stddev	10.258	62.33	18.989	3.526	8.522
%RSD	.3695897	.1756042	.6872516	.1501062	.4503404
#1	2763.707	35537.45	2762.032	2349.045	1885.022
#2	2781.427	35521.72	2744.491	2345.658	1901.654
#3	2781.523	35422.49	2782.432	2352.709	1890.116

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: P5266-04 Acquired: 12/27/2024 16:41:57 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME28Y9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1136707	-.095625	.4461435	.1242915	.0085153	77.76786	.8205757
Stddev	.0011315	.001680	.0031785	.0076546	.0050129	1.54195	.0149581
%RSD	.9953973	1.757123	.7124311	6.158582	58.86861	1.982758	1.822873
#1	.1146072	-.094006	.4439602	.1155065	.0139739	76.18940	.8062869
#2	.1139914	-.097360	.4446803	.1295268	.0041182	79.27049	.8361234
#3	.1124135	-.095508	.4497901	.1278413	.0074539	77.84369	.8193168

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0096203	.0053668	474.6177	.2395023	.1513039	.1721947	254.9485
Stddev	.0001831	.0000548	8.0226	.0143565	.0006486	.0034801	4.7476
%RSD	1.903166	1.021930	1.690329	5.994312	.4286639	2.021014	1.862183
#1	.0094258	.0054080	466.2660	.2411139	.1507334	.1742050	249.9735
#2	.0097893	.0053045	482.2647	.2244080	.1511690	.1681763	259.4302
#3	.0096459	.0053877	475.3226	.2529850	.1520093	.1742029	255.4417

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.915065	242.6404	.3260782	-.051716	1.042740	.2484252	.8780101
Stddev	.167756	4.9289	.0007186	.004174	.029116	.0134161	.0500720
%RSD	2.119446	2.031365	.2203646	8.071128	2.792266	5.400443	5.702899
#1	7.741042	237.7098	.3255643	-.052892	1.028995	.2329722	.8901281
#2	8.075758	247.5676	.3257710	-.047080	1.076184	.2570976	.8229912
#3	7.928395	242.6438	.3268993	-.055176	1.023041	.2552057	.9209110

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.19851	6.007883	.1132258	.0134916	7.256245	5.892932	.0372664
Stddev	.30911	.013462	.0020896	.0004141	.019842	.088107	.0011678
%RSD	2.342016	.2240751	1.845532	3.069116	.2734511	1.495131	3.133711
#1	12.84459	5.995316	.1108530	.0130144	7.233452	5.813974	.0366093
#2	13.41554	6.006242	.1140326	.0137039	7.265625	5.987973	.0365752
#3	13.33541	6.022090	.1147917	.0137564	7.269659	5.876850	.0386148

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: P5266-04 Acquired: 12/27/2024 16:41:57 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME28Y9 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	1.610813	.1843253	.1699663
Stddev	.036711	.0015682	.0045187
%RSD	2.279046	.8507562	2.658579
#1	1.573005	.1828801	.1654249
#2	1.646319	.1841032	.1700121
#3	1.613115	.1859927	.1744619

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2184.111	28261.87	2277.412	1860.824	1628.565
Stddev	4.765	1327.03	36.757	86.809	4.071
%RSD	.2181483	4.695466	1.613968	4.665086	.2499959
#1	2178.610	27954.29	2302.795	1837.991	1624.482
#2	2186.924	29715.68	2235.262	1956.767	1632.624
#3	2186.800	27115.64	2294.180	1787.713	1628.590

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: P5266-19 Acquired: 12/27/2024 16:45:53 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME29Y9D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1151950	-.096446	.4482165	.1219986	.0135397	78.57672	.8302638
Stddev	.0044525	.004178	.0053890	.0046951	.0009910	.31223	.0033811
%RSD	3.865223	4.331697	1.202330	3.848522	7.319009	.3973534	.4072267
#1	.1164232	-.092062	.4470124	.1204497	.0135233	78.92967	.8332691
#2	.1189046	-.100381	.4435314	.1272724	.0145388	78.46395	.8266030
#3	.1102573	-.096897	.4541057	.1182735	.0125571	78.33655	.8309194

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0095203	.0051745	480.8492	.2410378	.1519176	.1763502	257.5093
Stddev	.0001119	.0002435	2.0265	.0032628	.0016325	.0064053	1.0763
%RSD	1.174934	4.706219	.4214358	1.353659	1.074592	3.632152	.4179618
#1	.0096199	.0049878	483.1606	.2372702	.1519932	.1825160	258.6967
#2	.0093993	.0050857	479.3778	.2429335	.1502486	.1697296	256.5978
#3	.0095419	.0054500	480.0091	.2429096	.1535110	.1768050	257.2335

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.972121	244.5533	.3243101	-.052821	1.023644	.2500937	.8897258
Stddev	.030423	.7252	.0041473	.002482	.031516	.0085460	.0126242
%RSD	.3816222	.2965568	1.278821	4.698625	3.078826	3.417126	1.418885
#1	8.007150	245.2097	.3240657	-.049965	1.004204	.2418567	.8755039
#2	7.952300	243.7748	.3202904	-.054460	1.006722	.2495059	.8940666
#3	7.956914	244.6755	.3285743	-.054036	1.060007	.2589184	.8996068

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.09349	5.993741	.1099515	.0136370	7.247741	6.251942	.0380646
Stddev	.15413	.069615	.0023148	.0002392	.075499	.034965	.0009522
%RSD	1.177130	1.161464	2.105320	1.754225	1.041695	.5592642	2.501413
#1	13.21934	5.985795	.1080321	.0135400	7.244486	6.291380	.0387155
#2	12.92159	5.928439	.1093002	.0134615	7.173922	6.239711	.0369718
#3	13.13955	6.066988	.1125222	.0139095	7.324815	6.224736	.0385067

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: P5266-19 Acquired: 12/27/2024 16:45:53 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME29Y9D Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	1.628775	.1926386	.1724541
Stddev	.007858	.0008383	.0039135
%RSD	.4824331	.4351751	2.269314
#1	1.634751	.1934845	.1683906
#2	1.619875	.1918081	.1727736
#3	1.631701	.1926232	.1761981

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2193.086	28051.90	2271.937	1840.132	1637.199
Stddev	28.237	205.79	18.449	11.434	19.491
%RSD	1.287525	.7336080	.8120483	.6213733	1.190495
#1	2200.098	28277.67	2253.076	1852.975	1641.812
#2	2217.157	27874.82	2272.790	1831.059	1653.970
#3	2162.005	28003.21	2289.945	1836.364	1615.816

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: P5266-04LX5 Acquired: 12/27/2024 16:49:49 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME29Y9L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0217079	-.017485	.0981184	.0051162	-.016634	17.51002	.1839302
Stddev	.0031771	.002572	.0022106	.0020474	.006097	.36019	.0042285
%RSD	14.63564	14.70875	2.252969	40.01874	36.65710	2.057022	2.298989
#1	.0234934	-.016057	.0997327	.0056261	-.009679	17.21480	.1795546
#2	.0180397	-.020454	.0990236	.0068604	-.019162	17.91134	.1879945
#3	.0235904	-.015944	.0955989	.0028620	-.021060	17.40393	.1842415

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0024068	.0010197	110.7075	.0563324	.0522340	.0380675	59.56265
Stddev	.0000570	.0000493	1.8791	.0002590	.0004115	.0079079	1.05643
%RSD	2.366746	4.838113	1.697377	.4597997	.7878531	20.77346	1.773643
#1	.0024595	.0010762	109.0229	.0563965	.0521056	.0429319	58.55597
#2	.0023464	.0009853	112.7342	.0560474	.0526944	.0423277	60.66263
#3	.0024145	.0009974	110.3655	.0565534	.0519019	.0289428	59.46936

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.848937	55.88440	.0656308	-.011012	.2052978	.0586401	.2256859
Stddev	.030936	1.20974	.0001709	.000772	.0084137	.0094972	.0009244
%RSD	1.673152	2.164712	.2604468	7.009001	4.098269	16.19574	.4096182
#1	1.826299	54.64644	.0656487	-.011706	.2149138	.0692410	.2254400
#2	1.884186	57.06379	.0657921	-.011151	.1992900	.0509080	.2249093
#3	1.836326	55.94298	.0654516	-.010181	.2016897	.0557714	.2267085

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.852228	1.196456	.0198858	.0031568	1.448698	1.471886	.0042099
Stddev	.033492	.001448	.0012274	.0002035	.005420	.016800	.0003235
%RSD	1.174239	.1210248	6.172093	6.446917	.3741181	1.141418	7.685189
#1	2.816321	1.194820	.0184931	.0032165	1.451165	1.456459	.0045509
#2	2.857743	1.197573	.0203546	.0029301	1.452445	1.489786	.0041716
#3	2.882620	1.196974	.0208096	.0033238	1.442483	1.469413	.0039073

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: P5266-04LX5 Acquired: 12/27/2024 16:49:49 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME29Y9L Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.3700673	.0426382	.0372634
Stddev	.0072328	.0007833	.0044376
%RSD	1.954462	1.837172	11.90863
#1	.3679120	.0422344	.0389261
#2	.3781327	.0435411	.0406294
#3	.3641571	.0421392	.0322346

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2081.519	26173.07	2065.670	1738.304	1769.030
Stddev	1.488	40.96	19.678	3.500	1.647
%RSD	.0714694	.1564877	.9526225	.2013413	.0930888
#1	2082.894	26140.31	2079.661	1741.985	1770.928
#2	2081.722	26159.92	2043.170	1737.906	1768.176
#3	2079.940	26218.99	2074.180	1735.019	1767.985

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: P5266-20 Acquired: 12/27/2024 16:53:54 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME29Y9S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1938215	.0061421	.4840956	.2700271	.1566383	81.52999	4.432752
Stddev	.0038492	.0020221	.0029801	.0042808	.0006549	.25008	.013045
%RSD	1.985955	32.92174	.6156098	1.585312	.4181097	.3067392	.2942862
#1	.1944282	.0060387	.4871464	.2717092	.1573088	81.68091	4.438267
#2	.1973313	.0082139	.4811915	.2732114	.1566060	81.66775	4.442134
#3	.1897049	.0041737	.4839490	.2651608	.1560001	81.24132	4.417855

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1003167	.1027937	479.6861	.6204869	1.124178	.5970146	257.1900
Stddev	.0005848	.0001106	1.2182	.0034253	.001000	.0099478	.3557
%RSD	.5829164	.1075930	.2539583	.5520338	.0889915	1.666254	.1383120
#1	.0996436	.1029184	480.3477	.6178531	1.125207	.5880076	257.4109
#2	.1006068	.1027554	480.4303	.6243592	1.124116	.6076918	257.3794
#3	.1006997	.1027074	478.2802	.6192483	1.123209	.5953445	256.7796

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.778923	242.0528	1.305521	.0171936	1.037029	1.164205	1.663663
Stddev	.037744	.6276	.002163	.0007623	.024253	.005804	.008318
%RSD	.4299368	.2592822	.1656632	4.433356	2.338688	.4985118	.5000046
#1	8.813552	242.1385	1.306884	.0163534	1.052464	1.167736	1.669195
#2	8.784525	242.6332	1.306653	.0178409	1.049547	1.157507	1.667698
#3	8.738691	241.3868	1.303028	.0173863	1.009074	1.167371	1.654097

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.30404	5.977825	.1023553	.0139596	7.244473	6.342557	.0385598
Stddev	.13966	.004515	.0064030	.0002208	.016100	.050239	.0011364
%RSD	1.049753	.0755209	6.255653	1.581381	.2222332	.7920883	2.947213
#1	13.46160	5.981608	.1088281	.0138747	7.260455	6.287649	.0394788
#2	13.25506	5.979039	.1022132	.0142103	7.244705	6.353801	.0372891
#3	13.19547	5.972827	.0960245	.0137940	7.228259	6.386221	.0389116

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: P5266-20 Acquired: 12/27/2024 16:53:54 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME29Y9S Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	1.610667	.1957205	.1682501
Stddev	.003834	.0013424	.0054968
%RSD	.2380588	.6858778	3.267036
#1	1.606569	.1950199	.1647030
#2	1.614167	.1972683	.1745820
#3	1.611264	.1948734	.1654654

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2194.906	27866.85	2257.262	1841.108	1640.047
Stddev	5.462	196.89	6.693	22.908	6.145
%RSD	.2488333	.7065435	.2965074	1.244235	.3746564
#1	2188.889	27799.05	2259.967	1825.782	1633.277
#2	2196.278	27712.82	2249.640	1830.100	1641.595
#3	2199.551	28088.69	2262.179	1867.442	1645.270

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: P5080-10 Acquired: 12/27/2024 16:57:52 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLE8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2139403	-.066393	4.509162	.0926502	.0114856	73.57344
Stddev	.0020629	.001025	.005494	.0009484	.0008978	.30676
%RSD	.9642432	1.544300	.1218411	1.023679	7.816500	.4169459
#1	.2127290	-.065339	4.505797	.0937329	.0117931	73.25285
#2	.2163222	-.067387	4.506187	.0922514	.0121892	73.86420
#3	.2127696	-.066453	4.515502	.0919662	.0104745	73.60325

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.975805	.0082760	.0108104	82.19795	.3476036	.1111869
Stddev	.014269	.0001131	.0000515	.27533	.0040012	.0004620
%RSD	.4795072	1.366106	.4759815	.3349564	1.151085	.4155193
#1	2.959870	.0084038	.0108430	81.88271	.3522103	.1112515
#2	2.987400	.0081893	.0108372	82.31992	.3449945	.1106960
#3	2.980147	.0082347	.0107511	82.39123	.3456059	.1116132

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5850305	178.3820	9.586583	28.68602	.2040468	-.031567
Stddev	.0065974	.8990	.036431	.07555	.0004279	.000723
%RSD	1.127703	.5039606	.3800226	.2633591	.2097286	2.288831
#1	.5910202	177.3462	9.544679	28.60525	.2038617	-.031998
#2	.5779591	178.9586	9.610744	28.75494	.2045362	-.031969
#3	.5861123	178.8413	9.604325	28.69787	.2037426	-.030733

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5143162	.1777653	3.042593	10.10447	F 16.97935	.0672977
Stddev	.0079294	.0077905	.035099	.02440	.01501	.0034636
%RSD	1.541737	4.382464	1.153595	.2414712	.0884059	5.146715
#1	.5081263	.1769714	3.082232	10.13226	16.97499	.0644869
#2	.5232540	.1859224	3.015459	10.09460	16.99606	.0662390
#3	.5115682	.1704022	3.030087	10.08656	16.96701	.0711670

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: P5080-10 Acquired: 12/27/2024 16:57:52 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLE8 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0061546	3.832883	7.200332	.3030986	1.149887	.0994996
Stddev	.0002983	.006512	.024572	.0027894	.001287	.0011308
%RSD	4.846501	.1699043	.3412553	.9202803	.1119593	1.136506
#1	.0064976	3.833429	7.188218	.2998892	1.148443	.0982912
#2	.0060107	3.826116	7.228609	.3044685	1.150915	.1005323
#3	.0059555	3.839106	7.184170	.3049382	1.150303	.0996754

Elem	Li6707
Units	ppm
Avg	.1237805
Stddev	.0043685
%RSD	3.529265
#1	.1189123
#2	.1273589
#3	.1250703

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2460.813	30942.42	2474.084	2044.031	1756.325
Stddev	6.024	276.25	11.997	23.287	1.508
%RSD	.2447840	.8927892	.4849118	1.139292	.0858849
#1	2459.044	30627.80	2484.909	2018.377	1756.976
#2	2455.872	31145.29	2461.185	2063.838	1754.600
#3	2467.523	31054.17	2476.158	2049.877	1757.399

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: P5080-11 Acquired: 12/27/2024 17:01:49 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLE8D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2148643	-.066411	4.506934	.0958696	.0079819	73.51833
Stddev	.0017576	.003562	.016559	.0048523	.0031440	.34824
%RSD	.8180254	5.362865	.3674187	5.061325	39.38972	.4736839
#1	.2154421	-.064897	4.504235	.0999267	.0053341	73.80575
#2	.2128905	-.063855	4.491891	.0904945	.0114568	73.13107
#3	.2162604	-.070479	4.524678	.0971875	.0071548	73.61815

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.977364	.0081499	.0108531	81.92287	.3419466	.1111066
Stddev	.018190	.0000840	.0000678	.48676	.0010933	.0002030
%RSD	.6109546	1.031088	.6243361	.5941684	.3197279	.1827284
#1	2.995305	.0082229	.0108180	82.27136	.3416225	.1109203
#2	2.958934	.0080581	.0108100	81.36672	.3431653	.1113230
#3	2.977853	.0081688	.0109312	82.13053	.3410520	.1110767

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5790638	178.6780	9.595447	28.66027	.2038036	-.029716
Stddev	.0053989	.6047	.046429	.11763	.0011908	.000515
%RSD	.9323561	.3384249	.4838668	.4104254	.5842804	1.733397
#1	.5824137	179.3498	9.648527	28.78062	.2029574	-.030248
#2	.5819421	178.1772	9.562386	28.54557	.2032882	-.029219
#3	.5728356	178.5072	9.575427	28.65462	.2051653	-.029682

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4935809	.1881993	3.003895	9.863063	F 16.96380	.0695770
Stddev	.0229165	.0002916	.003673	.085971	.02872	.0015760
%RSD	4.642913	.1549302	.1222827	.8716510	.1692734	2.265061
#1	.5198511	.1885212	3.003327	9.766761	16.98493	.0695490
#2	.4776931	.1879529	3.000539	9.932083	16.93111	.0680151
#3	.4831987	.1881237	3.007819	9.890344	16.97537	.0711667

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: P5080-11 Acquired: 12/27/2024 17:01:49 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLE8D Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0064334	3.827515	7.079850	.3034711	1.154022	.0963190
Stddev	.0001031	.018546	.006513	.0012152	.009065	.0007618
%RSD	1.603012	.4845389	.0919961	.4004462	.7854751	.7909361
#1	.0063281	3.838474	7.087226	.3022283	1.163871	.0961991
#2	.0065342	3.806102	7.077434	.3046568	1.146029	.0956242
#3	.0064380	3.837969	7.074891	.3035282	1.152165	.0971336

Elem	Li6707
Units	ppm
Avg	.1218171
Stddev	.0017716
%RSD	1.454286
#1	.1220603
#2	.1199364
#3	.1234544

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2475.442	31374.66	2505.938	2077.933	1766.315
Stddev	8.001	94.64	13.327	8.065	.912
%RSD	.3232338	.3016348	.5318363	.3881171	.0516430
#1	2482.819	31265.49	2493.250	2069.334	1767.324
#2	2466.936	31425.02	2519.824	2085.329	1765.548
#3	2476.572	31433.47	2504.739	2079.135	1766.074

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: CCV021 Acquired: 12/27/2024 17:05:47 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV021 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.037666	4.875123	25.01080	4.932109	4.867872	403.7483	10.15017
Stddev	.012784	.009834	.05185	.029296	.019632	2.0862	.05722
%RSD	.2537682	.2017252	.2073209	.5939764	.4032955	.5167082	.5637507
#1	5.036255	4.865159	24.95147	4.912021	4.845464	401.6211	10.08782
#2	5.025646	4.884823	25.04745	4.918581	4.876108	403.8329	10.16243
#3	5.051097	4.875387	25.03347	4.965723	4.882045	405.7909	10.20028

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5098982	2.520188	398.7838	15.89220	2.536973	14.96297	403.9608
Stddev	.0023527	.005976	1.6790	.42077	.005983	.07753	2.1866
%RSD	.4614072	.2371267	.4210390	2.647682	.2358437	.5181442	.5412818
#1	.5087716	2.513448	396.8869	16.33765	2.530267	14.87364	401.9562
#2	.5083205	2.524839	399.3850	15.50146	2.541764	15.00263	403.6337
#3	.5126023	2.522276	400.0795	15.83747	2.538889	15.01265	406.2925

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.90998	399.3367	2.525259	1.247048	408.6250	2.498262	15.12381
Stddev	.06091	1.9485	.005315	.029382	4.2946	.025175	.40457
%RSD	.4085225	.4879247	.2104627	2.356090	1.050977	1.007698	2.675066
#1	14.84856	397.9391	2.521465	1.278460	404.4697	2.482108	15.54699
#2	14.91101	398.5086	2.531333	1.220240	408.3589	2.485410	14.74085
#3	14.97037	401.5624	2.522977	1.242444	413.0464	2.527269	15.08359

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	152.5638	5.052402	4.917778	4.838617	5.071677	4.971030	5.078154
Stddev	.9765	.018290	.041695	.019215	.009679	.043540	.008394
%RSD	.6400602	.3620015	.8478341	.3971082	.1908478	.8758722	.1653052
#1	151.5322	5.032233	4.888778	4.821142	5.063886	4.938245	5.071102
#2	152.6854	5.057063	4.898995	4.835515	5.068632	4.954415	5.087439
#3	153.4738	5.067911	4.965560	4.859194	5.082513	5.020432	5.075920

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: CCV021 Acquired: 12/27/2024 17:05:47 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV021 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	5.041748	4.789713	5.103547
Stddev	.032815	.021809	.028609
%RSD	.6508650	.4553390	.5605639
#1	5.007393	4.764609	5.072306
#2	5.045083	4.800533	5.109869
#3	5.072769	4.803996	5.128466

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1676.590	23104.36	2008.355	1377.830	1523.514
Stddev	5.477	514.93	17.014	33.727	3.743
%RSD	.3266968	2.228714	.8471646	2.447830	.2456841
#1	1682.397	22564.99	2024.230	1342.950	1527.473
#2	1675.855	23590.75	2010.442	1410.272	1520.033
#3	1671.517	23157.36	1990.394	1380.268	1523.038

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: CCB021 Acquired: 12/27/2024 17:09:41 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB021 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006229	.0001058	.0036656	.0013582	-.006506	-.002286	-.004073
Stddev	.0025977	.0024487	.0019448	.0024361	.000372	.022275	.001502
%RSD	417.0254	2314.516	53.05604	179.3588	5.718662	974.5278	36.88195
#1	.0020104	.0028491	.0058373	-.001412	-.006852	-.015552	-.004729
#2	.0022322	-.001859	.0030751	.002323	-.006555	-.014736	-.002355
#3	-.002374	-.000673	.0020845	.003164	-.006112	.023431	-.005136

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000372	.0000470	.0561592	-.000804	-.000187	.0007548	.0350242
Stddev	.0002069	.0000923	.0799213	.000465	.000318	.0069322	.0277848
%RSD	557.0680	196.6367	142.3121	57.86413	170.5852	918.3650	79.33032
#1	.0002510	.0001530	-.009178	-.000268	-.000224	-.007178	.0645771
#2	-.000162	-.000016	.032385	-.001110	-.000485	.005648	.0310626
#3	.000023	.000003	.145270	-.001032	.000149	.003794	.0094328

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0009884	.0182199	-.000646	.0000585	.0428979	-.010282	.0324850
Stddev	.0003713	.0565925	.000532	.0011745	.0522923	.009597	.0005237
%RSD	37.56915	310.6072	82.29272	2007.772	121.8993	93.33565	1.612248
#1	.0007160	-.007232	-.001217	.0013119	.0580174	-.001921	.0330687
#2	.0014114	.083069	-.000163	-.001017	.0859646	-.020761	.0323299
#3	.0008378	-.021177	-.000560	-.000120	-.015288	-.008164	.0320563

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.153190	-.001585	.0105727	.0003641	-.008127	-.001649	-.003829
Stddev	.075600	.001258	.0028388	.0001435	.008027	.000604	.001426
%RSD	49.35049	79.39193	26.85037	39.42053	98.76983	36.65295	37.23248
#1	-.232230	-.000154	.0106683	.0002010	.001141	-.002254	-.003588
#2	-.145763	-.002518	.0133626	.0004711	-.012851	-.001648	-.002539
#3	-.081578	-.002084	.0076874	.0004202	-.012669	-.001045	-.005359

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: CCB021 Acquired: 12/27/2024 17:09:41 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB021 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.0033530	-.000146	.0021252
Stddev	.0025295	.000021	.0017567
%RSD	75.43947	14.15465	82.65899
#1	.0047761	-.000123	.0005593
#2	.0004325	-.000163	.0040248
#3	.0048503	-.000151	.0017916

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2063.527	26156.99	2028.998	1737.938	1866.401
Stddev	1.715	83.26	11.884	7.119	1.065
%RSD	.0830897	.3183246	.5857162	.4096333	.0570844
#1	2065.276	26200.74	2017.468	1732.439	1867.151
#2	2063.457	26060.97	2028.318	1735.396	1866.870
#3	2061.849	26209.25	2041.208	1745.979	1865.181

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: P5080-10LX5 Acquired: 12/27/2024 17:13:50 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLE8L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0486917	-.016352	.9147462	.0194177	-.002486	17.46316	.7075743
Stddev	.0006212	.000787	.0108311	.0015015	.001989	1.06390	.0427406
%RSD	1.275680	4.814874	1.184057	7.732854	80.01805	6.092262	6.040447
#1	.0479879	-.015726	.9073902	.0195275	-.002033	16.32406	.6612278
#2	.0489235	-.016095	.9271838	.0178642	-.000763	18.43111	.7454364
#3	.0491635	-.017236	.9096646	.0208613	-.004663	17.63432	.7160587

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0021749	.0020044	19.54565	.0815302	.0297336	.1408251	42.98252
Stddev	.0001941	.0000528	1.13700	.0014669	.0008632	.0184044	2.50221
%RSD	8.926211	2.634838	5.817170	1.799218	2.902976	13.06897	5.821471
#1	.0019510	.0019826	18.34193	.0832199	.0289611	.1215408	40.31581
#2	.0022954	.0019659	20.60145	.0807872	.0306653	.1582008	45.27898
#3	.0022784	.0020646	19.69357	.0805833	.0295745	.1427336	43.35276

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.305888	6.956478	.0409830	-.006839	.1727122	.0334495	.7581505
Stddev	.129833	.372803	.0004160	.001348	.0450406	.0097420	.0045023
%RSD	5.630488	5.359081	1.015149	19.70965	26.07842	29.12461	.5938551
#1	2.165447	6.551051	.0406827	-.007927	.1379751	.0267532	.7632697
#2	2.421538	7.284508	.0414579	-.005331	.2236017	.0446256	.7563757
#3	2.330679	7.033874	.0408083	-.007259	.1565596	.0289698	.7548061

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.336883	3.467316	.0151100	.0018764	.7787099	1.745546	.0582536
Stddev	.295743	.048696	.0017942	.0003982	.0089672	.086198	.0009335
%RSD	12.65544	1.404423	11.87404	21.22025	1.151549	4.938153	1.602474
#1	2.096142	3.429874	.0151289	.0014183	.7719277	1.652792	.0581007
#2	2.667007	3.522367	.0133065	.0020711	.7888768	1.823190	.0574061
#3	2.247501	3.449707	.0168947	.0021397	.7753250	1.760655	.0592542

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: P5080-10LX5 Acquired: 12/27/2024 17:13:50 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLE8L Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.2732751	.0217947	.0324866
Stddev	.0177409	.0014436	.0033221
%RSD	6.491962	6.623638	10.22612
#1	.2550770	.0203082	.0298279
#2	.2905204	.0231911	.0362108
#3	.2742278	.0218847	.0314212

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2157.530	27331.83	2146.175	1818.033	1849.286
Stddev	17.195	285.11	114.824	16.031	20.862
%RSD	.7969881	1.043142	5.350172	.8817887	1.128131
#1	2170.620	27033.20	2266.702	1808.150	1864.073
#2	2138.056	27361.13	2038.062	1809.419	1825.423
#3	2163.915	27601.16	2133.761	1836.530	1858.364

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: P5080-12 Acquired: 12/27/2024 17:17:52 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLE8S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3022863	.0345404	4.547974	.2269791	.1468199	77.18666
Stddev	.0026554	.0040277	.005753	.0029680	.0020282	.18834
%RSD	.8784532	11.66089	.1265012	1.307589	1.381402	.2440011
#1	.3023128	.0298904	4.545647	.2280538	.1455213	77.10359
#2	.2996177	.0369403	4.554526	.2236235	.1457813	77.40224
#3	.3049284	.0367905	4.543748	.2292599	.1491570	77.05413

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.416447	.0905913	.1088622	82.63667	.6932318	1.106498
Stddev	.012516	.0003444	.0000801	.16447	.0011087	.000367
%RSD	.1950594	.3801241	.0735418	.1990308	.1599266	.0331465
#1	6.408567	.0904761	.1088928	82.65232	.6941890	1.106075
#2	6.430878	.0909785	.1089226	82.79276	.6920170	1.106699
#3	6.409894	.0903193	.1087714	82.46494	.6934894	1.106720

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9746865	182.0473	10.51238	28.97271	1.218186	.0342873
Stddev	.0127980	.4675	.01707	.12755	.001862	.0008897
%RSD	1.313039	.2567839	.1623827	.4402425	.1528385	2.594722
#1	.9746601	181.5307	10.50395	28.99399	1.220139	.0352321
#2	.9874977	182.4412	10.53202	29.08828	1.217989	.0341641
#3	.9619017	182.1701	10.50116	28.83586	1.216431	.0334657

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5546138	1.050292	3.740493	10.48009	F 17.01728	.0694012
Stddev	.0255767	.017899	.019495	.08862	.02696	.0018536
%RSD	4.611631	1.704203	.5211883	.8456429	.1584080	2.670908
#1	.5822907	1.030886	3.740926	10.45445	17.02934	.0680292
#2	.5318501	1.066154	3.759768	10.57871	17.03609	.0715100
#3	.5497006	1.053835	3.720786	10.40712	16.98639	.0686645

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: P5080-12 Acquired: 12/27/2024 17:17:52 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLE8S Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0057990	3.864127	7.141480	.3062577	1.161758	.0921568
Stddev	.0002089	.010064	.004837	.0005614	.007645	.0006836
%RSD	3.602597	.2604544	.0677351	.1833195	.6580194	.7418157
#1	.0056139	3.858389	7.138117	.3058587	1.152987	.0929409
#2	.0057576	3.858244	7.139299	.3068997	1.167004	.0918436
#3	.0060255	3.875748	7.147024	.3060148	1.165284	.0916858

Elem	Li6707
Units	ppm
Avg	.1322395
Stddev	.0050481
%RSD	3.817381
#1	.1362760
#2	.1265794
#3	.1338631

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2446.725	31208.59	2468.050	2065.956	1746.124
Stddev	6.169	60.68	5.277	10.897	4.134
%RSD	.2521261	.1944371	.2138304	.5274659	.2367790
#1	2444.061	31203.30	2470.469	2063.846	1745.153
#2	2442.335	31150.73	2461.997	2056.268	1742.562
#3	2453.778	31271.74	2471.684	2077.754	1750.658

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: P5335-19 Acquired: 12/27/2024 17:21:50 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME2923 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1306307	-.111891	.2677283	.1401346	.0135719	115.9523	.8732660
Stddev	.0053264	.004472	.0044049	.0057232	.0014968	.3450	.0033139
%RSD	4.077434	3.996669	1.645271	4.084064	11.02838	.2975377	.3794802
#1	.1283338	-.116488	.2627687	.1359733	.0148778	115.8429	.8751293
#2	.1367201	-.107556	.2711850	.1466614	.0119385	116.3388	.8752287
#3	.1268381	-.111628	.2692313	.1377692	.0138995	115.6753	.8694399

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0123206	.0031016	454.8373	.2346592	.1941529	.2281527	283.3140
Stddev	.0001946	.0000596	1.3382	.0012972	.0000547	.0069040	.7114
%RSD	1.579226	1.920763	.2942150	.5527950	.0281624	3.026062	.2511067
#1	.0121030	.0031430	454.6621	.2359978	.1941959	.2215822	282.9885
#2	.0123808	.0030334	456.2545	.2334078	.1941713	.2275280	284.1300
#3	.0124779	.0031285	453.5953	.2345720	.1940913	.2353478	282.8236

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.870608	197.4162	.4088620	-.058805	1.198109	.3340558	.6380584
Stddev	.002035	.4997	.0013278	.000198	.022794	.0029438	.0033421
%RSD	.0417772	.2531409	.3247460	.3373964	1.902477	.8812292	.5237947
#1	4.872548	196.8718	.4090273	-.059030	1.208850	.3321598	.6376497
#2	4.870787	197.8542	.4100994	-.058655	1.213548	.3374471	.6349394
#3	4.868490	197.5224	.4074594	-.058732	1.171929	.3325605	.6415861

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.90313	5.543194	.1046617	.0165182	4.951738	6.940380	.0392173
Stddev	.08895	.006328	.0013385	.0005568	.003967	.011632	.0020041
%RSD	.4469162	.1141545	1.278859	3.370736	.0801062	.1675971	5.110342
#1	19.83659	5.540643	.1050646	.0169105	4.955184	6.948574	.0401661
#2	20.00416	5.550399	.1057524	.0158809	4.952628	6.927067	.0369149
#3	19.86864	5.538539	.1031680	.0167632	4.947402	6.945501	.0405708

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: P5335-19 Acquired: 12/27/2024 17:21:50 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME2923 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	2.080544	.2930532	.2928547
Stddev	.003125	.0025762	.0032735
%RSD	.1502187	.8790764	1.117791
#1	2.083888	.2947396	.2897594
#2	2.080050	.2943321	.2962813
#3	2.077696	.2900878	.2925234

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2227.500	28444.15	2290.347	1882.165	1628.584
Stddev	7.015	100.20	2.590	.913	5.881
%RSD	.3149083	.3522800	.1130974	.0485010	.3611346
#1	2219.966	28353.85	2289.716	1882.730	1622.438
#2	2228.693	28426.65	2288.129	1881.112	1629.155
#3	2233.842	28551.95	2293.194	1882.654	1634.159

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: P5335-20 Acquired: 12/27/2024 17:25:48 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME2923D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1346953	-.112867	.2676224	.1395750	.0149711	115.8171	.8740427
Stddev	.0008979	.001835	.0033569	.0054185	.0008087	.7577	.0066976
%RSD	.6665883	1.625856	1.254327	3.882148	5.401580	.6542607	.7662826
#1	.1343885	-.114645	.2638145	.1393980	.0150387	115.3364	.8692192
#2	.1357064	-.112975	.2701534	.1450799	.0141308	116.6906	.8816898
#3	.1339911	-.110980	.2688993	.1342472	.0157439	115.4242	.8712191

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0122747	.0030735	453.6287	.2344596	.1948286	.2277771	283.1520
Stddev	.0003808	.0000112	1.9850	.0019685	.0009641	.0015457	1.5954
%RSD	3.102076	.3649653	.4375736	.8396052	.4948495	.6786083	.5634304
#1	.0126337	.0030736	452.4365	.2343199	.1937571	.2260020	282.0393
#2	.0118754	.0030621	455.9201	.2364942	.1951026	.2285038	284.9798
#3	.0123151	.0030846	452.5294	.2325646	.1956260	.2288256	282.4370

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.880824	196.7964	.4103690	-.057670	1.217787	.3256483	.6464777
Stddev	.016775	1.5187	.0020238	.000250	.007965	.0022235	.0056445
%RSD	.3436935	.7717088	.4931557	.4343477	.6540926	.6828016	.8731175
#1	4.875560	195.3803	.4081011	-.057662	1.223319	.3274087	.6445529
#2	4.899599	198.4003	.4119908	-.057423	1.221385	.3231495	.6420473
#3	4.867312	196.6088	.4110150	-.057924	1.208657	.3263867	.6528329

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.92937	5.555439	.1073874	.0166073	4.966431	6.924279	.0395406
Stddev	.12625	.019910	.0025484	.0005176	.012637	.044901	.0018809
%RSD	.6334835	.3583856	2.373058	3.116969	.2544523	.6484526	4.756860
#1	19.93429	5.532912	.1082012	.0160306	4.953575	6.951606	.0412921
#2	20.05309	5.562728	.1045315	.0170318	4.978838	6.948773	.0397769
#3	19.80074	5.570677	.1094295	.0167595	4.966879	6.872458	.0375527

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: P5335-20 Acquired: 12/27/2024 17:25:48 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME2923D Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	2.085806	.2904182	.2965147
Stddev	.017434	.0007504	.0016594
%RSD	.8358371	.2583922	.5596321
#1	2.069621	.2912208	.2956858
#2	2.104265	.2902999	.2984252
#3	2.083531	.2897340	.2954331

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2219.250	28386.22	2299.318	1878.771	1624.358
Stddev	2.154	163.57	15.715	20.129	1.926
%RSD	.0970465	.5762136	.6834440	1.071374	.1185937
#1	2216.896	28575.05	2307.183	1899.344	1622.837
#2	2221.122	28295.25	2281.223	1877.851	1626.525
#3	2219.732	28288.37	2309.546	1859.118	1623.713

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: P5335-19LX5 Acquired: 12/27/2024 17:29:46 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME2923L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0233818	-.020182	.0613212	.0083886	-.016803	25.86639	.1920312
Stddev	.0026698	.000548	.0001690	.0061845	.003674	.07513	.0007898
%RSD	11.41827	2.713002	.2755610	73.72450	21.86467	.2904401	.4113078
#1	.0250619	-.020763	.0611772	.0152397	-.012974	25.88663	.1917367
#2	.0203032	-.019676	.0615072	.0032183	-.017135	25.78321	.1929260
#3	.0247801	-.020106	.0612792	.0067078	-.020299	25.92931	.1914310

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0029963	.0003833	103.0069	.0521344	.0597742	.0453766	65.01259
Stddev	.0001937	.0000736	.2548	.0006182	.0004558	.0046306	.06646
%RSD	6.466233	19.19913	.2473741	1.185749	.7625948	10.20485	.1022231
#1	.0030743	.0002983	103.1168	.0522305	.0600958	.0446966	64.97847
#2	.0027758	.0004265	102.7155	.0514738	.0592525	.0503096	64.97012
#3	.0031390	.0004249	103.1882	.0526989	.0599742	.0411236	65.08918

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.121790	44.94075	.0807911	-.011288	.2769545	.0721534	.1668449
Stddev	.001939	.24743	.0008360	.000756	.0240338	.0090028	.0007983
%RSD	.1728377	.5505607	1.034786	6.699410	8.677884	12.47727	.4784741
#1	1.120621	45.16942	.0798262	-.011949	.2504643	.0824667	.1677460
#2	1.120721	44.67808	.0812482	-.010463	.2973638	.0658666	.1665630
#3	1.124028	44.97476	.0812989	-.011452	.2830353	.0681270	.1662259

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.506247	1.077484	.0220405	.0043930	.9627564	1.820729	.0065753
Stddev	.088830	.002580	.0017916	.0001822	.0150236	.012302	.0006763
%RSD	1.971256	.2394122	8.128555	4.146869	1.560475	.6756848	10.28541
#1	4.404089	1.074982	.0224249	.0043262	.9454561	1.828897	.0061303
#2	4.549350	1.077336	.0200879	.0045991	.9725169	1.806580	.0073535
#3	4.565301	1.080135	.0236086	.0042536	.9702962	1.826712	.0062421

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: P5335-19LX5 Acquired: 12/27/2024 17:29:46 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME2923L Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.4762991	.0629852	.0718456
Stddev	.0041547	.0004053	.0035265
%RSD	.8722971	.6434105	4.908485
#1	.4735669	.0631368	.0692612
#2	.4742501	.0625261	.0704126
#3	.4810804	.0632929	.0758631

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2085.239	26384.29	2046.196	1764.312	1775.015
Stddev	7.796	93.54	17.599	8.217	7.813
%RSD	.3738544	.3545205	.8600936	.4657582	.4401854
#1	2093.932	26290.20	2028.094	1757.336	1783.992
#2	2082.914	26385.41	2063.245	1762.230	1769.742
#3	2078.870	26477.26	2047.250	1773.371	1771.312

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: P5335-21 Acquired: 12/27/2024 17:33:53 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME2923S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2159665	-.008703	.2887076	.2662299	.1557588	112.6142	4.241562
Stddev	.0053485	.002383	.0025712	.0034882	.0039255	.1842	.011416
%RSD	2.476538	27.38392	.8905786	1.310207	2.520237	.1635810	.2691434
#1	.2100529	-.007546	.2857936	.2669305	.1530206	112.4278	4.233255
#2	.2204655	-.011444	.2906568	.2693146	.1602562	112.6186	4.236851
#3	.2173811	-.007120	.2896724	.2624446	.1539996	112.7961	4.254579

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0956426	.0955915	428.2840	.5676653	1.104833	.6144189	268.9300
Stddev	.0005432	.0006514	.5289	.0019618	.008161	.0048520	.1005
%RSD	.5679232	.6814560	.1235038	.3455935	.7386820	.7896881	.0373839
#1	.0962516	.0952511	427.6888	.5698927	1.100999	.6169362	268.8139
#2	.0954684	.0951807	428.7001	.5669086	1.099296	.6174948	268.9863
#3	.0952080	.0963425	428.4632	.5661945	1.114206	.6088256	268.9898

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.444406	186.1391	1.312856	.0124773	1.131229	1.173133	1.334172
Stddev	.010997	.1636	.009306	.0005807	.023717	.010357	.000923
%RSD	.2019879	.0878947	.7088566	4.653664	2.096598	.8828479	.0691845
#1	5.432733	185.9912	1.307917	.0120237	1.158614	1.173844	1.335226
#2	5.445913	186.3148	1.307061	.0131317	1.117747	1.183117	1.333506
#3	5.454571	186.1113	1.323591	.0122766	1.117326	1.162440	1.333785

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.64316	5.183595	.0963341	.0157372	4.637716	6.626723	.0369767
Stddev	.11064	.022529	.0029985	.0003481	.028188	.032581	.0018829
%RSD	.5934411	.4346216	3.112629	2.211853	.6077961	.4916586	5.092229
#1	18.60965	5.171412	.0966064	.0156537	4.623423	6.643510	.0391472
#2	18.55316	5.169781	.0932087	.0154384	4.619538	6.647487	.0360012
#3	18.76668	5.209592	.0991871	.0161194	4.670187	6.589172	.0357816

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: P5335-21 Acquired: 12/27/2024 17:33:53 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME2923S Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	1.973488	.2700329	.2804812
Stddev	.006740	.0011532	.0030435
%RSD	.3415208	.4270595	1.085097
#1	1.967816	.2688607	.2838562
#2	1.971709	.2700720	.2796420
#3	1.980939	.2711661	.2779452

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2307.965	29439.67	2374.354	1941.758	1710.747
Stddev	15.289	69.30	3.270	5.486	12.904
%RSD	.6624596	.2353913	.1377200	.2825321	.7542701
#1	2310.867	29459.20	2374.738	1946.955	1713.769
#2	2321.596	29497.10	2370.910	1942.297	1721.871
#3	2291.433	29362.70	2377.416	1936.022	1696.600

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: P5131-07 Acquired: 12/27/2024 17:37:48 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHMM6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2131226	-.060483	1.683469	.1109117	.0117644	66.30315
Stddev	.0024144	.001174	.006272	.0022294	.0014038	.10371
%RSD	1.132886	1.940514	.3725809	2.010093	11.93283	.1564219
#1	.2153287	-.061573	1.687641	.1091211	.0110219	66.32843
#2	.2134957	-.059241	1.676256	.1134088	.0133835	66.18914
#3	.2105433	-.060636	1.686510	.1102054	.0108877	66.39190

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.559130	.0079856	.0109117	98.84475	.1169258	.1461844
Stddev	.002972	.0002602	.0000986	.34683	.0058034	.0011489
%RSD	.1905948	3.258457	.9036483	.3508841	4.963359	.7859190
#1	1.559917	.0080075	.0110253	99.06212	.1196198	.1473855
#2	1.555844	.0082341	.0108609	98.44477	.1208927	.1450960
#3	1.561628	.0077151	.0108488	99.02735	.1102650	.1460718

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3467804	194.8321	25.41082	23.89051	.2050911	-.028939
Stddev	.0115683	.6549	.05703	.11900	.0010593	.002398
%RSD	3.335907	.3361224	.2244399	.4981031	.5165239	8.286565
#1	.3508136	195.3937	25.44680	23.92525	.2062895	-.031309
#2	.3337354	194.1127	25.34506	23.98828	.2047040	-.028994
#3	.3557921	194.9898	25.44060	23.75801	.2042797	-.026514

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.284090	.1995270	2.752143	6.846024	F 11.02194	.0359956
Stddev	.027887	.0054200	.126677	.209916	.04592	.0033511
%RSD	2.171740	2.716419	4.602856	3.066248	.4166476	9.309728
#1	1.298441	.1994492	2.829128	7.070618	11.06795	.0346133
#2	1.301880	.2049854	2.821364	6.654779	10.97611	.0335568
#3	1.251950	.1941463	2.605938	6.812675	11.02176	.0398168

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: P5131-07 Acquired: 12/27/2024 17:37:48 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHMM6 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0180615	1.930626	6.336247	.1196141	.7821906	.0468835
Stddev	.0002309	.008677	.055922	.0000227	.0044243	.0004504
%RSD	1.278142	.4494242	.8825764	.0189404	.5656292	.9606782
#1	.0180768	1.940639	6.398014	.1195948	.7794358	.0473303
#2	.0178234	1.925319	6.321673	.1196085	.7872940	.0464296
#3	.0182844	1.925919	6.289056	.1196391	.7798420	.0468907

Elem	Li6707
Units	ppm
Avg	.1049216
Stddev	.0058067
%RSD	5.534280
#1	.1076435
#2	.0982540
#3	.1088673

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2553.175	33175.76	2511.826	2218.657	1801.896
Stddev	7.355	1316.62	11.483	88.747	5.769
%RSD	.2880868	3.968613	.4571633	4.000040	.3201855
#1	2555.299	32550.82	2500.532	2172.590	1799.067
#2	2559.236	32287.99	2523.490	2162.416	1808.534
#3	2544.992	34688.46	2511.455	2320.965	1798.087

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: P5131-08 Acquired: 12/27/2024 17:41:49 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHMM6D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2080950	-.055157	1.641310	.1090677	.0068490	65.09002
Stddev	.0017039	.004794	.003707	.0028683	.0026148	.16894
%RSD	.8188079	8.690796	.2258805	2.629791	38.17734	.2595480
#1	.2100559	-.054320	1.643108	.1117678	.0094315	64.94580
#2	.2069749	-.060314	1.637047	.1093787	.0042031	65.04838
#3	.2072541	-.050837	1.643777	.1060566	.0069124	65.27589

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.530884	.0077790	.0106477	97.29970	.1187850	.1427079
Stddev	.002731	.0001952	.0001021	.32937	.0007337	.0007985
%RSD	.1784256	2.509568	.9590064	.3385142	.6176854	.5595061
#1	1.528293	.0075601	.0107510	97.13464	.1195859	.1431389
#2	1.530621	.0079350	.0106454	97.08550	.1186241	.1431983
#3	1.533737	.0078420	.0105468	97.67897	.1181452	.1417866

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3466630	191.6788	25.00591	23.53253	.2012362	-.030360
Stddev	.0116130	.7273	.06460	.08167	.0004848	.002008
%RSD	3.349924	.3794627	.2583511	.3470720	.2409182	6.615278
#1	.3404416	191.0393	24.94903	23.62511	.2015991	-.030725
#2	.3394862	191.5270	24.99254	23.47064	.2014239	-.028194
#3	.3600611	192.4700	25.07615	23.50186	.2006856	-.032160

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.263655	.1833735	2.786997	6.726890	F 10.77657	.0335870
Stddev	.026968	.0053650	.006131	.207857	.01300	.0021266
%RSD	2.134107	2.925709	.2199797	3.089941	.1206060	6.331741
#1	1.238096	.1786561	2.780279	6.725750	10.79114	.0330165
#2	1.261031	.1892097	2.792289	6.935315	10.76615	.0359408
#3	1.291839	.1822547	2.788424	6.519606	10.77244	.0318039

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: P5131-08 Acquired: 12/27/2024 17:41:49 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHMM6D Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0177121	1.884970	6.217225	.1165618	.7638239	.0463573
Stddev	.0000602	.006638	.038997	.0017414	.0034014	.0004745
%RSD	.3401333	.3521275	.6272401	1.493985	.4453160	1.023644
#1	.0176826	1.892045	6.175424	.1176869	.7605325	.0468337
#2	.0176724	1.878881	6.223623	.1174426	.7636135	.0458846
#3	.0177815	1.883983	6.252627	.1145559	.7673256	.0463536

Elem	Li6707
Units	ppm
Avg	.1033290
Stddev	.0017645
%RSD	1.707697
#1	.1048577
#2	.1037312
#3	.1013981

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2589.704	32779.66	2562.471	2182.458	1834.178
Stddev	5.357	144.94	7.342	10.022	2.702
%RSD	.2068472	.4421501	.2865215	.4592257	.1473162
#1	2595.756	32620.14	2570.283	2173.977	1836.988
#2	2585.572	32815.58	2561.420	2179.878	1831.599
#3	2587.784	32903.26	2555.712	2193.518	1833.946

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: P5131-07LX5 Acquired: 12/27/2024 17:45:49 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHMM6L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0387691	-.017245	.3425079	.0177909	-.005793	15.83699	.3730141
Stddev	.0026701	.003909	.0023952	.0039956	.002489	.02336	.0018366
%RSD	6.887169	22.66611	.6993135	22.45852	42.97174	.1474910	.4923554
#1	.0359736	-.014999	.3414370	.0219346	-.006737	15.84268	.3748363
#2	.0412931	-.021758	.3408350	.0174761	-.007672	15.81131	.3711636
#3	.0390405	-.014977	.3452517	.0139621	-.002970	15.85697	.3730426

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0021275	.0020746	23.95349	.0282489	.0381121	.0765508	47.05006
Stddev	.0001236	.0000659	.04705	.0005104	.0004751	.0021220	.07954
%RSD	5.810770	3.176427	.1964179	1.806674	1.246587	2.771965	.1690616
#1	.0022633	.0020987	23.98987	.0282332	.0386604	.0752246	47.14175
#2	.0020974	.0020001	23.90036	.0287669	.0378229	.0789982	47.00891
#3	.0020216	.0021251	23.97024	.0277465	.0378530	.0754297	46.99953

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.200060	5.827968	.0404950	-.006608	.2676225	.0479170	.7173834
Stddev	.007489	.178542	.0002318	.000750	.0278979	.0100633	.0010012
%RSD	.1207893	3.063529	.5724910	11.34619	10.42436	21.00156	.1395676
#1	6.206871	5.798534	.0403233	-.006372	.2361731	.0363503	.7176780
#2	6.192040	5.665973	.0404030	-.007447	.2773061	.0527362	.7182042
#3	6.201270	6.019398	.0407587	-.006004	.2893884	.0546644	.7162679

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.848429	2.239736	.0044443	.0046686	.3860460	1.568117	.0227209
Stddev	.124418	.009549	.0012742	.0001383	.0042015	.007440	.0013169
%RSD	6.731031	.4263228	28.67144	2.962573	1.088341	.4744345	5.795879
#1	1.752712	2.250677	.0047799	.0045612	.3822157	1.571663	.0241919
#2	1.803506	2.235449	.0055171	.0046199	.3905398	1.573121	.0216518
#3	1.989070	2.233083	.0030358	.0048247	.3853826	1.559568	.0223191

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: P5131-07LX5 Acquired: 12/27/2024 17:45:49 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHMM6L Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.1877260	.0110095	.0270246
Stddev	.0009813	.0003700	.0042656
%RSD	.5227143	3.360779	15.78422
#1	.1873543	.0109157	.0254082
#2	.1869849	.0106953	.0318621
#3	.1888388	.0114173	.0238033

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2167.671	27529.81	2121.030	1834.293	1850.702
Stddev	2.988	26.98	4.161	4.194	4.384
%RSD	.1378308	.0979849	.1961812	.2286174	.2368624
#1	2168.193	27521.01	2117.533	1838.810	1849.296
#2	2170.363	27508.33	2119.925	1830.523	1855.617
#3	2164.457	27560.09	2125.632	1833.548	1847.194

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: P5131-09 Acquired: 12/27/2024 17:49:53 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHMM6S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2910030	.0425831	1.694560	.2363672	.1447936	68.43895
Stddev	.0048237	.0028132	.002138	.0043526	.0005705	.12522
%RSD	1.657610	6.606345	.1261858	1.841435	.3939863	.1829644
#1	.2885411	.0401196	1.692104	.2359349	.1447260	68.29685
#2	.2879071	.0419812	1.696008	.2322469	.1442599	68.53314
#3	.2965609	.0456485	1.695567	.2409197	.1453948	68.48687

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.830462	.0889506	.1069828	97.59595	.4577131	1.109240
Stddev	.011517	.0006432	.0001526	.32884	.0008102	.002393
%RSD	.2384297	.7230556	.1426393	.3369408	.1770190	.2157130
#1	4.817722	.0882211	.1069075	97.32396	.4585381	1.107715
#2	4.840136	.0891943	.1068824	97.96140	.4569185	1.108008
#3	4.833528	.0894362	.1071584	97.50247	.4576825	1.111998

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7274531	193.7719	25.91772	23.61454	1.185858	.0334367
Stddev	.0049074	.4405	.04643	.07062	.000864	.0005073
%RSD	.6746074	.2273087	.1791528	.2990361	.0728571	1.517064
#1	.7221363	193.2842	25.86651	23.61888	1.185555	.0336771
#2	.7284141	194.1409	25.92955	23.68289	1.185185	.0337790
#3	.7318090	193.8905	25.95709	23.54186	1.186832	.0328539

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.271734	1.026990	3.491219	6.754060	F 10.85691	.0351858
Stddev	.012776	.006783	.017039	.063350	.01605	.0014568
%RSD	1.004596	.6604824	.4880491	.9379537	.1478739	4.140266
#1	1.274999	1.021002	3.478169	6.801667	10.84618	.0365829
#2	1.257642	1.034357	3.510495	6.778353	10.84918	.0336759
#3	1.282560	1.025611	3.484992	6.682158	10.87537	.0352988

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: P5131-09 Acquired: 12/27/2024 17:49:53 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHMM6S Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0179240	1.906490	6.259273	.1188191	.7714222	.0453627
Stddev	.0003722	.005250	.020693	.0013972	.0052153	.0009694
%RSD	2.076313	.2753607	.3305986	1.175902	.6760675	2.137082
#1	.0175440	1.908128	6.235849	.1191084	.7655198	.0454508
#2	.0179402	1.900616	6.275074	.1200491	.7733385	.0462851
#3	.0182878	1.910725	6.266894	.1173000	.7754083	.0443522

Elem	Li6707
Units	ppm
Avg	.1055902
Stddev	.0032058
%RSD	3.036084
#1	.1063276
#2	.1020799
#3	.1083630

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2541.325	32422.91	2533.254	2160.754	1804.369
Stddev	4.359	137.13	5.361	15.672	3.319
%RSD	.1715067	.4229538	.2116228	.7253141	.1839266
#1	2538.249	32301.65	2535.395	2156.332	1800.638
#2	2546.312	32395.36	2527.154	2147.767	1805.475
#3	2539.413	32571.73	2537.214	2178.162	1806.993

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: P5027-01 Acquired: 12/27/2024 17:53:49 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJJ2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1276805	-.061284	2.418848	.0776453	.0147884	57.22474	1.488963
Stddev	.0035349	.001756	.001180	.0040662	.0021121	.20362	.002839
%RSD	2.768509	2.864617	.0487773	5.236914	14.28195	.3558217	.1906990
#1	.1250605	-.061801	2.419607	.0799460	.0157330	57.00779	1.486196
#2	.1317010	-.062723	2.419449	.0729504	.0123688	57.25474	1.491870
#3	.1262799	-.059328	2.417489	.0800396	.0162632	57.41170	1.488823

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0067703	.0069614	38.77655	.1124705	.0813846	.3874620	142.9987
Stddev	.0001000	.0000539	.01364	.0015712	.0004309	.0024344	.4871
%RSD	1.477246	.7746650	.0351672	1.396993	.5294458	.6282887	.3406457
#1	.0068406	.0069600	38.76081	.1140170	.0813272	.3894971	142.4376
#2	.0068146	.0069081	38.78478	.1125187	.0818413	.3881237	143.2448
#3	.0066558	.0070160	38.78405	.1108757	.0809853	.3847651	143.3135

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.308612	18.34720	.1450279	-.023410	.4181731	.1533029	1.749096
Stddev	.009452	.13889	.0012488	.001639	.0222627	.0029267	.005082
%RSD	.1293244	.7569973	.8610650	7.001522	5.323810	1.909121	.2905660
#1	7.302691	18.42163	.1463257	-.024244	.4058917	.1499422	1.747476
#2	7.303633	18.43301	.1449232	-.021521	.4438715	.1552915	1.745021
#3	7.319513	18.18696	.1438347	-.024464	.4047560	.1546750	1.754790

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.544508	9.041477	.0378801	.0057320	3.987395	9.808429	.1609487
Stddev	.196343	.012074	.0009993	.0003984	.005473	.085395	.0015834
%RSD	3.541216	.1335397	2.637959	6.950318	.1372637	.8706277	.9838220
#1	5.336549	9.039561	.0368327	.0055671	3.992308	9.741940	.1591655
#2	5.726688	9.054394	.0388230	.0054426	3.981496	9.904735	.1621902
#3	5.570288	9.030475	.0379847	.0061864	3.988382	9.778614	.1614905

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: P5027-01 Acquired: 12/27/2024 17:53:49 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJJ2 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	1.143846	-.013983	.0981920
Stddev	.002633	.000755	.0029938
%RSD	.2301537	5.401964	3.048903
#1	1.140848	-.013453	.0950199
#2	1.145781	-.013649	.1009680
#3	1.144910	-.014848	.0985881

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2392.483	30453.91	2383.002	2023.157	1830.560
Stddev	3.139	216.07	3.236	17.182	4.017
%RSD	.1312219	.7095032	.1358135	.8492718	.2194684
#1	2391.097	30339.93	2386.677	2019.229	1828.088
#2	2390.276	30703.11	2381.754	2041.964	1828.396
#3	2396.078	30318.70	2380.576	2008.280	1835.195

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: P5027-02 Acquired: 12/27/2024 17:57:48 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHK14 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1420701	-.060795	2.098763	.0855890	.0137799	62.15995	1.584712
Stddev	.0031142	.002430	.029359	.0043377	.0022037	.19345	.002918
%RSD	2.192026	3.996449	1.398856	5.068054	15.99219	.3112212	.1841230
#1	.1456423	-.062092	2.122736	.0818559	.0116543	61.96021	1.581842
#2	.1399261	-.062301	2.066018	.0903475	.0160542	62.34644	1.587676
#3	.1406420	-.057992	2.107534	.0845634	.0136311	62.17322	1.584619

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0071864	.0065692	41.71218	.1075212	.0907478	.4792324	154.2661
Stddev	.0002431	.0002394	.13373	.0009940	.0013561	.0119520	.3638
%RSD	3.382718	3.643799	.3205953	.9244848	1.494335	2.493994	.2358021
#1	.0073193	.0067859	41.61237	.1084764	.0917948	.4679058	153.9119
#2	.0073340	.0063122	41.86413	.1064925	.0892160	.4917244	154.6387
#3	.0069058	.0066094	41.66005	.1075948	.0912326	.4780670	154.2476

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.351030	19.41587	.1590510	-.025246	.4616901	.1644046	1.502213
Stddev	.003842	.04689	.0028711	.001106	.0221854	.0052726	.014585
%RSD	.0460053	.2415281	1.805133	4.382745	4.805250	3.207091	.9709078
#1	8.354465	19.37377	.1612710	-.026504	.4867109	.1583660	1.509797
#2	8.346881	19.46641	.1558086	-.024810	.4539399	.1680959	1.485399
#3	8.351744	19.40744	.1600733	-.024424	.4444195	.1667518	1.511444

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.916073	8.453076	.0400742	.0052623	3.742149	10.10053	.1890058
Stddev	.122203	.123838	.0007191	.0003277	.062027	.05695	.0038657
%RSD	2.485794	1.465004	1.794408	6.227516	1.657536	.5638343	2.045272
#1	4.888921	8.562069	.0402662	.0054077	3.799785	10.16613	.1929981
#2	4.809729	8.318416	.0406778	.0048870	3.676507	10.07175	.1852806
#3	5.049568	8.478744	.0392786	.0054922	3.750154	10.06372	.1887385

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: P5027-02 Acquired: 12/27/2024 17:57:48 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHK14 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	1.186871	-.010785	.1042889
Stddev	.004060	.000363	.0021413
%RSD	.3420474	3.362038	2.053247
#1	1.182606	-.011184	.1032080
#2	1.190688	-.010693	.1067552
#3	1.187318	-.010477	.1029034

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2325.326	30300.20	2323.788	2017.667	1746.973
Stddev	28.933	183.13	11.178	13.507	26.124
%RSD	1.244272	.6043927	.4810281	.6694298	1.495361
#1	2300.693	30338.70	2313.828	2023.160	1723.099
#2	2357.189	30461.03	2321.659	2027.562	1774.877
#3	2318.096	30100.88	2335.878	2002.279	1742.942

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: P5027-03 Acquired: 12/27/2024 18:01:45 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHK15 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1231017	-.073658	.8904431	.0959433	.0105267	74.19223	1.283516
Stddev	.0010776	.001680	.0032787	.0013015	.0048129	.13382	.004462
%RSD	.8753873	2.281152	.3682145	1.356493	45.72140	.1803634	.3476616
#1	.1242939	-.073111	.8870434	.0967574	.0159519	74.34261	1.288499
#2	.1228144	-.072319	.8906999	.0966301	.0088580	74.14782	1.282159
#3	.1221969	-.075543	.8935858	.0944423	.0067701	74.08627	1.279889

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0077233	.0048225	45.29395	.1054147	.0971124	.3129046	172.4605
Stddev	.0000570	.0001755	.28394	.0003558	.0009712	.0010800	.5327
%RSD	.7387114	3.639222	.6268812	.3375065	1.000034	.3451405	.3088821
#1	.0076754	.0046919	45.61944	.1058162	.0980823	.3120658	173.0197
#2	.0077864	.0050220	45.16531	.1052891	.0961400	.3141232	171.9590
#3	.0077081	.0047535	45.09709	.1051387	.0971148	.3125248	172.4028

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.071141	23.21126	.1345764	-.030047	.4255543	.1848687	.7689606
Stddev	.016427	.07417	.0010022	.000962	.0054062	.0013591	.0020105
%RSD	.1810925	.3195454	.7447216	3.202692	1.270379	.7351588	.2614528
#1	9.085992	23.21894	.1341684	-.029520	.4228462	.1847094	.7669258
#2	9.053496	23.13354	.1338426	-.029463	.4220373	.1863004	.7690102
#3	9.073936	23.28129	.1357183	-.031157	.4317793	.1835962	.7709458

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.761146	7.916014	.0360182	.0078247	2.862768	9.652441	.0708399
Stddev	.081824	.031793	.0021186	.0006126	.016253	.063229	.0011924
%RSD	1.718581	.4016312	5.881937	7.829073	.5677237	.6550606	1.683257
#1	4.730565	7.882943	.0352035	.0075714	2.844287	9.705005	.0707898
#2	4.853856	7.918746	.0344279	.0085233	2.869186	9.582276	.0720566
#3	4.699017	7.946353	.0384232	.0073793	2.874832	9.670043	.0696733

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: P5027-03 Acquired: 12/27/2024 18:01:45 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHK15 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	1.047262	-.016865	.1271657
Stddev	.004201	.000354	.0023750
%RSD	.4011808	2.096649	1.867633
#1	1.046824	-.016553	.1296940
#2	1.051665	-.016793	.1249816
#3	1.043297	-.017249	.1268216

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2506.772	32012.37	2483.358	2125.530	1848.174
Stddev	4.266	115.70	11.134	6.246	2.960
%RSD	.1701679	.3614259	.4483569	.2938778	.1601809
#1	2505.688	31979.56	2470.621	2127.867	1848.791
#2	2511.474	31916.62	2488.207	2118.452	1850.778
#3	2503.152	32140.93	2491.246	2130.271	1844.954

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: P5027-04 Acquired: 12/27/2024 18:05:43 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHK16 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1185009	-.087981	.3682108	.1132243	.0191569	75.78618	.8521537
Stddev	.0034969	.002721	.0027107	.0034788	.0026032	.14977	.0031995
%RSD	2.950960	3.092374	.7361776	3.072515	13.58873	.1976228	.3754648
#1	.1223533	-.085095	.3653445	.1094654	.0221334	75.84426	.8549231
#2	.1155270	-.090499	.3707329	.1163306	.0180314	75.61607	.8486512
#3	.1176223	-.088349	.3685552	.1138769	.0173058	75.89822	.8528867

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0083640	.0033167	33.75036	.1478782	.1004113	.1762518	197.4141
Stddev	.0001229	.0001412	.08755	.0007632	.0006373	.0044033	.4274
%RSD	1.469552	4.256992	.2594073	.5161304	.6347228	2.498306	.2164855
#1	.0084912	.0033001	33.81465	.1469992	.1001330	.1763144	197.8938
#2	.0082459	.0031846	33.65065	.1482624	.0999605	.1718176	197.0740
#3	.0083551	.0034655	33.78579	.1483730	.1011405	.1806235	197.2744

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.407433	26.17332	.1559695	-.036690	.4831772	.2100752	.5140443
Stddev	.039266	.11693	.0009648	.001772	.0130976	.0036306	.0005779
%RSD	.5300881	.4467458	.6185941	4.828432	2.710732	1.728223	.1124146
#1	7.444323	26.15971	.1566031	-.038063	.4887610	.2111748	.5141873
#2	7.366159	26.06380	.1548591	-.034691	.4925575	.2130289	.5134084
#3	7.411819	26.29646	.1564462	-.037318	.4682130	.2060220	.5145372

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.405707	7.763377	.0336751	.0099428	1.253135	9.217790	.0308553
Stddev	.157281	.032261	.0016456	.0006225	.006591	.053033	.0010559
%RSD	2.455331	.4155586	4.886758	6.261005	.5259219	.5753367	3.422084
#1	6.407700	7.752045	.0344960	.0101497	1.260164	9.253946	.0318376
#2	6.561983	7.738311	.0347488	.0092432	1.247094	9.156909	.0297387
#3	6.247439	7.799776	.0317805	.0104356	1.252147	9.242515	.0309895

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: P5027-04 Acquired: 12/27/2024 18:05:43 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHK16 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	1.467190	-.065282	.1451097
Stddev	.007898	.000237	.0009782
%RSD	.5382795	.3629104	.6740903
#1	1.475784	-.065271	.1462377
#2	1.460251	-.065524	.1445968
#3	1.465536	-.065051	.1444947

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2503.622	32035.84	2480.804	2113.741	1756.737
Stddev	3.018	49.21	13.626	3.527	6.559
%RSD	.1205536	.1536201	.5492407	.1668620	.3733464
#1	2506.249	32074.00	2465.436	2109.698	1762.008
#2	2504.291	31980.29	2491.408	2116.185	1758.810
#3	2500.325	32053.23	2485.567	2115.340	1749.392

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: P5027-05 Acquired: 12/27/2024 18:09:39 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHK17 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2511504	-.114854	.3559799	.1477038	.0247572	77.04371	.6949784
Stddev	.0035915	.004179	.0034487	.0051972	.0007446	.11232	.0020017
%RSD	1.430034	3.638421	.9687881	3.518689	3.007534	.1457923	.2880296
#1	.2492297	-.110934	.3577610	.1418612	.0240258	77.16978	.6964524
#2	.2489276	-.119251	.3581738	.1494378	.0255143	77.00710	.6957832
#3	.2552939	-.114376	.3520048	.1518123	.0247314	76.95427	.6926995

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0099255	.0031341	40.63122	.1244827	.1730039	.8303473	262.5365
Stddev	.0002640	.0000815	.14706	.0010986	.0007937	.0009468	.3273
%RSD	2.659449	2.598676	.3619288	.8825592	.4587951	.1140304	.1246623
#1	.0102100	.0032244	40.76097	.1247350	.1733697	.8292715	262.7893
#2	.0096886	.0030663	40.66121	.1254333	.1735487	.8307160	262.6534
#3	.0098778	.0031115	40.47148	.1232799	.1720932	.8310543	262.1668

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.023427	36.64965	.2060539	-.049763	.6095912	.2939895	.5638984
Stddev	.028204	.19307	.0022254	.001696	.0245061	.0046520	.0065888
%RSD	.3515245	.5267856	1.079995	3.408497	4.020084	1.582363	1.168442
#1	8.052752	36.83409	.2073099	-.051466	.6291505	.2896272	.5675136
#2	8.021031	36.66589	.2073673	-.049749	.5821021	.2934559	.5678882
#3	7.996497	36.44899	.2034845	-.048074	.6175210	.2988852	.5562934

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.25657	9.646835	.0605694	.0031989	.6316530	7.964164	.0279454
Stddev	.27634	.055615	.0021175	.0003855	.0072523	.010684	.0029233
%RSD	2.454930	.5765152	3.495988	12.04970	1.148152	.1341514	10.46078
#1	11.05502	9.676668	.0618764	.0027901	.6278285	7.976490	.0312831
#2	11.57158	9.681169	.0617056	.0035557	.6400171	7.957545	.0267132
#3	11.14311	9.582669	.0581263	.0032510	.6271134	7.958457	.0258399

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: P5027-05 Acquired: 12/27/2024 18:09:39 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHK17 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	1.518256	-.123732	.1470100
Stddev	.006429	.000472	.0035690
%RSD	.4234416	.3817879	2.427762
#1	1.525505	-.123225	.1429254
#2	1.513247	-.124159	.1485775
#3	1.516015	-.123812	.1495271

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2846.745	36430.07	2847.012	2407.463	1766.621
Stddev	15.363	398.21	13.124	34.642	10.850
%RSD	.5396806	1.093081	.4609578	1.438944	.6141427
#1	2849.969	36170.00	2839.358	2389.681	1763.052
#2	2830.026	36231.70	2839.512	2385.323	1758.006
#3	2860.241	36888.50	2862.165	2447.385	1778.806

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: P5027-06 Acquired: 12/27/2024 18:13:33 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHK18 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1258775	-.047837	.2828802	.0630788	-.004288	52.85557	.6982462
Stddev	.0036007	.006178	.0010906	.0119909	.002767	3.66131	.0506004
%RSD	2.860480	12.91523	.3855276	19.00934	64.52609	6.927004	7.246787
#1	.1220482	-.041583	.2820903	.0508433	-.006780	48.75641	.6416830
#2	.1263895	-.053937	.2841245	.0748091	-.004774	55.80117	.7392106
#3	.1291948	-.047992	.2824259	.0635841	-.001310	54.00912	.7138450

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0057494	.0030038	500.6717	.0833306	.1249279	.2197951	159.2152
Stddev	.0002736	.0002875	34.9036	.0013128	.0009115	.0140422	10.6364
%RSD	4.757770	9.570833	6.971356	1.575463	.7296403	6.388765	6.680509
#1	.0054854	.0033106	461.7381	.0847943	.1259757	.2035836	147.2697
#2	.0060316	.0027405	529.1601	.0829406	.1243174	.2281739	167.6599
#3	.0057313	.0029604	511.1171	.0822570	.1244906	.2276277	162.7162

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.97677	115.2387	.1610488	-.027644	1.240587	.1646966	.3979327
Stddev	.74692	7.9376	.0008425	.000930	.057972	.0246530	.0077980
%RSD	6.804543	6.887973	.5231288	3.365745	4.672933	14.96876	1.959639
#1	10.13982	106.2690	.1617667	-.028379	1.173693	.1397625	.4055842
#2	11.57560	121.3559	.1612584	-.026598	1.276198	.1890586	.3899960
#3	11.21487	118.0910	.1601213	-.027956	1.271869	.1652686	.3982177

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.470836	9.533988	.0475438	.0013956	.9583002	8.878991	.0263203
Stddev	.648161	.013504	.0050759	.0007172	.0038696	.426836	.0003853
%RSD	7.651676	.1416454	10.67618	51.38726	.4037972	4.807257	1.463899
#1	7.753633	9.548428	.0421662	.0022220	.9568753	8.397221	.0258822
#2	9.014713	9.521671	.0482138	.0010287	.9553451	9.209945	.0266062
#3	8.644164	9.531866	.0522514	.0009361	.9626802	9.029807	.0264727

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: P5027-06 Acquired: 12/27/2024 18:13:33 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHK18 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	1.291913	.2700167	.1047096
Stddev	.086975	.0204524	.0089882
%RSD	6.732235	7.574500	8.583952
#1	1.192843	.2474135	.0945942
#2	1.355713	.2872447	.1077557
#3	1.327184	.2753918	.1117790

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2398.322	30638.94	2424.917	2015.105	1632.671
Stddev	2.308	57.82	124.207	5.112	2.413
%RSD	.0962286	.1886999	5.122124	.2536719	.1478085
#1	2395.986	30657.93	2565.124	2018.701	1629.905
#2	2400.601	30574.01	2328.662	2017.360	1634.341
#3	2398.377	30684.86	2380.965	2009.253	1633.768

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: P5027-07 Acquired: 12/27/2024 18:17:27 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHK19 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1116922	-.043398	.3013814	.0668044	-.010705	55.52176
Stddev	.0039965	.004869	.0059162	.0050032	.001550	3.06661
%RSD	3.578109	11.21882	1.963028	7.489323	14.47572	5.523261
#1	.1108274	-.044689	.3043575	.0631991	-.009156	53.69179
#2	.1081988	-.038013	.2945681	.0646978	-.012255	53.81138
#3	.1160502	-.047490	.3052187	.0725165	-.010702	59.06210

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8911790	.0060388	.0044209	F 1004.942	.0879500	.1428756
Stddev	.0495511	.0002709	.0003145	54.327	.0026399	.0007688
%RSD	5.560176	4.485164	7.113399	5.405978	3.001546	.5380632
#1	.8608437	.0060068	.0046625	973.647	.0900524	.1435153
#2	.8643330	.0057853	.0045349	973.506	.0888103	.1430888
#3	.9483602	.0063242	.0040653	1067.673	.0849873	.1420227

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2611514	164.7266	17.73082	378.8062	.1954713	-.031088
Stddev	.0156535	9.0905	.97560	20.7980	.0012848	.000849
%RSD	5.994038	5.518528	5.502273	5.490393	.6573080	2.730250
#1	.2639359	159.4601	17.15174	366.5904	.1963436	-.031983
#2	.2442926	159.4962	17.18353	367.0078	.1960745	-.030295
#3	.2752259	175.2233	18.85719	402.8204	.1939959	-.030985

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.665390	.1660353	.4205731	10.65703	7.267848	.0737275
Stddev	.051920	.0252185	.0022944	.78021	.006774	.0088021
%RSD	3.117594	15.18863	.5455296	7.321116	.0932100	11.93873
#1	1.625370	.1502696	.4215121	10.13584	7.273076	.0695781
#2	1.646742	.1527156	.4222490	10.28123	7.270273	.0677670
#3	1.724058	.1951209	.4179582	11.55402	7.260195	.0838374

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: P5027-07 Acquired: 12/27/2024 18:17:27 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHK19 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0014550	1.761716	9.201351	.0283085	1.136267	.5621423
Stddev	.0005777	.010396	.411306	.0013013	.061298	.0297269
%RSD	39.70264	.5900996	4.470065	4.596752	5.394641	5.288150
#1	.0020553	1.755547	8.974453	.0271511	1.097517	.5439204
#2	.0009029	1.773718	8.953467	.0280572	1.104347	.5460607
#3	.0014069	1.755882	9.676132	.0297170	1.206938	.5964457

Elem	Li6707
Units	ppm
Avg	.1394816
Stddev	.0104570
%RSD	7.497058
#1	.1297806
#2	.1381057
#3	.1505584

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2283.485	29333.36	2350.575	1919.780	1479.399
Stddev	3.480	26.97	108.279	5.816	2.190
%RSD	.1523933	.0919491	4.606473	.3029773	.1480453
#1	2285.996	29303.31	2410.729	1925.469	1480.622
#2	2284.947	29341.29	2415.421	1920.028	1480.704
#3	2279.513	29355.47	2225.575	1913.844	1476.870

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: P5027-08 Acquired: 12/27/2024 18:21:20 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHK20 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2021775	-.066355	4.391744	.1187349	.0187730	73.91638
Stddev	.0031432	.004543	.005609	.0067107	.0043066	3.97485
%RSD	1.554688	6.846151	.1277166	5.651816	22.94039	5.377491
#1	.1986443	-.061811	4.394275	.1112198	.0138345	70.02684
#2	.2046635	-.070896	4.385315	.1241282	.0207371	77.97137
#3	.2032246	-.066358	4.395641	.1208568	.0217474	73.75094

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.521453	.0086673	.0110384	50.10456	.1884886	.1041300
Stddev	.184146	.0001221	.0001637	2.64475	.0020912	.0001882
%RSD	5.229257	1.408113	1.483377	5.278462	1.109484	.1807286
#1	3.346939	.0085340	.0111395	47.56774	.1908138	.1043197
#2	3.713917	.0087736	.0108494	52.84542	.1867616	.1041269
#3	3.503503	.0086944	.0111261	49.90052	.1878906	.1039433

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6854546	168.5545	6.093646	21.31136	.2010174	-.024427
Stddev	.0280991	8.9487	.315828	1.29212	.0002271	.000773
%RSD	4.099344	5.309100	5.182911	6.063068	.1130006	3.166302
#1	.6637483	159.8515	5.793096	20.21150	.2007810	-.024522
#2	.7171929	177.7302	6.422806	22.73439	.2010372	-.023611
#3	.6754226	168.0817	6.065036	20.98820	.2012340	-.025149

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4999364	.2150541	3.616926	9.369017	F 13.96563	.0512525
Stddev	.0184103	.0081716	.036071	.668683	.02229	.0059167
%RSD	3.682529	3.799800	.9972886	7.137176	.1596375	11.54430
#1	.4910619	.2100249	3.638584	8.812762	13.94095	.0450453
#2	.4876443	.2244828	3.636908	10.11090	13.97161	.0568281
#3	.5211031	.2106545	3.575286	9.18338	13.98432	.0518841

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: P5027-08 Acquired: 12/27/2024 18:21:20 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHK20 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0069726	4.780308	8.224760	.3856602	1.295248	.0371610
Stddev	.0001832	.014611	.264324	.0030159	.069062	.0026321
%RSD	2.628065	.3056572	3.213761	.7819980	5.331968	7.083008
#1	.0071654	4.773831	8.017481	.3838996	1.232635	.0347643
#2	.0069517	4.797038	8.522420	.3839384	1.369325	.0399780
#3	.0068007	4.770054	8.134380	.3891425	1.283785	.0367408

Elem	Li6707
Units	ppm
Avg	.1408899
Stddev	.0102093
%RSD	7.246290
#1	.1324846
#2	.1522510
#3	.1379341

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2449.688	31417.08	2423.548	2070.145	1774.257
Stddev	9.874	137.85	78.862	13.760	6.161
%RSD	.4030696	.4387753	3.253972	.6646770	.3472456
#1	2439.448	31346.43	2494.684	2066.265	1768.902
#2	2459.150	31328.87	2338.747	2058.742	1780.991
#3	2450.464	31575.93	2437.212	2085.429	1772.878

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: P5027-09 Acquired: 12/27/2024 18:25:13 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHK21 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2651702	-.091508	5.322600	.1495161	.0222150	77.95902
Stddev	.0040302	.004726	.030187	.0083718	.0036078	3.21009
%RSD	1.519864	5.165066	.5671490	5.599234	16.24023	4.117665
#1	.2616017	-.091713	5.287779	.1521023	.0244557	79.23625
#2	.2643677	-.086683	5.338649	.1401564	.0180532	74.30690
#3	.2695414	-.096129	5.341372	.1562896	.0241362	80.33391

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.492928	.0099753	.0135782	52.95848	.2062374	.1174887
Stddev	.143958	.0004456	.0004091	2.17130	.0041212	.0004774
%RSD	4.121426	4.467344	3.012901	4.100013	1.998265	.4063515
#1	3.551324	.0100912	.0131423	53.82354	.2025724	.1169885
#2	3.328947	.0094832	.0139537	50.48799	.2106986	.1179396
#3	3.598513	.0103516	.0136387	54.56393	.2054413	.1175379

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7551819	222.1774	6.136052	25.04120	.2075273	-.036337
Stddev	.0337309	9.4648	.248080	.92490	.0009935	.001796
%RSD	4.466592	4.260033	4.042990	3.693530	.4787363	4.943077
#1	.7699128	226.3810	6.235078	25.47720	.2066323	-.034978
#2	.7165911	211.3389	5.853753	23.97888	.2085963	-.038373
#3	.7790419	228.8123	6.319325	25.66753	.2073533	-.035659

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7242282	.2495206	3.892180	7.694053	F 14.56787	.0455075
Stddev	.0123757	.0078864	.069736	.480209	.08404	.0057570
%RSD	1.708811	3.160602	1.791687	6.241303	.5768572	12.65056
#1	.7334966	.2573948	3.823996	7.973057	14.47207	.0471860
#2	.7101744	.2416222	3.963371	7.139558	14.62914	.0390978
#3	.7290137	.2495447	3.889174	7.969542	14.60241	.0502386

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: P5027-09 Acquired: 12/27/2024 18:25:13 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHK21 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0082138	4.281746	8.746072	.4807179	1.318825	.0051118
Stddev	.0003589	.019642	.268019	.0050517	.056659	.0006932
%RSD	4.369061	.4587266	3.064446	1.050873	4.296188	13.55979
#1	.0084367	4.259312	8.876849	.4751286	1.345290	.0043269
#2	.0077998	4.290077	8.437769	.4849582	1.253776	.0056400
#3	.0084050	4.295849	8.923597	.4820668	1.357409	.0053685

Elem	Li6707
Units	ppm
Avg	.1432018
Stddev	.0071674
%RSD	5.005088
#1	.1427775
#2	.1362560
#3	.1505719

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2444.856	31245.87	2461.943	2067.128	1755.201
Stddev	9.279	282.28	80.854	28.809	8.390
%RSD	.3795284	.9034080	3.284168	1.393689	.4780142
#1	2455.525	31492.71	2413.113	2091.929	1764.792
#2	2438.661	30938.11	2555.272	2035.527	1751.593
#3	2440.384	31306.79	2417.443	2073.928	1749.219

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: P5027-10 Acquired: 12/27/2024 18:29:06 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHK22 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2044866	-.060975	5.355238	.0991293	-.068389	74.21131
Stddev	.0054330	.004975	.017742	.0011826	.002546	1.14202
%RSD	2.656894	8.158964	.3312953	1.193029	3.723509	1.538873
#1	.1987911	-.066712	5.374890	.0991623	-.068056	75.52986
#2	.2096122	-.058364	5.340400	.1002951	-.071086	73.56857
#3	.2050564	-.057849	5.350424	.0979306	-.066025	73.53549

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.911991	.0085004	.0110182	176.6728	.1578996	.1237643
Stddev	.044225	.0000743	.0000874	2.5607	.0004577	.0008266
%RSD	1.518724	.8738362	.7935983	1.449415	.2898922	.6678506
#1	2.962308	.0084254	.0110563	179.6275	.1574575	.1246504
#2	2.894384	.0085018	.0110801	175.0988	.1583715	.1230142
#3	2.879281	.0085739	.0109182	175.2920	.1578696	.1236284

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5801804	175.4104	8.251733	64.15650	.1775935	-.027526
Stddev	.0108442	2.5692	.118001	1.09989	.0016767	.000484
%RSD	1.869112	1.464668	1.430019	1.714387	.9441281	1.759027
#1	.5919309	178.3730	8.387884	65.42430	.1795101	-.027523
#2	.5780523	174.0632	8.188301	63.58795	.1768723	-.027043
#3	.5705579	173.7950	8.179015	63.45724	.1763980	-.028011

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9484683	.2256791	2.705727	7.601103	F 13.98744	.0481745
Stddev	.0305616	.0058627	.009979	.286943	.04406	.0010934
%RSD	3.222201	2.597791	.3688199	3.775013	.3149918	2.269606
#1	.9718661	.2211257	2.716448	7.927819	14.03728	.0488470
#2	.9138911	.2322941	2.696709	7.390010	13.95367	.0469129
#3	.9596476	.2236176	2.704022	7.485481	13.97138	.0487636

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: P5027-10 Acquired: 12/27/2024 18:29:06 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHK22 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0061621	3.355757	9.187934	F 10.87008	1.305920	.1247676
Stddev	.0004897	.014580	.165254	.03824	.020073	.0024573
%RSD	7.947385	.4344754	1.798602	.3517694	1.537063	1.969537
#1	.0055985	3.372589	9.329445	10.91421	1.329004	.1276025
#2	.0064042	3.347626	9.006319	10.84668	1.296179	.1234540
#3	.0064836	3.347055	9.228040	10.84935	1.292575	.1232462

Elem	Li6707
Units	ppm
Avg	.1421989
Stddev	.0048932
%RSD	3.441081
#1	.1467457
#2	.1428303
#3	.1370207

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2442.450	31282.87	2442.335	2067.329	1705.224
Stddev	10.598	182.45	38.205	22.174	10.076
%RSD	.4339134	.5832231	1.564287	1.072609	.5909189
#1	2432.130	31170.41	2400.570	2048.181	1693.852
#2	2441.914	31184.81	2475.521	2062.181	1708.779
#3	2453.306	31493.38	2450.914	2091.624	1713.041

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: CCV022 Acquired: 12/27/2024 18:33:00 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV022 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.093368	4.893302	24.89426	4.917460	4.872049	412.7983	10.47493
Stddev	.013226	.019048	.05544	.020301	.018621	1.9929	.04928
%RSD	.2596761	.3892684	.2226891	.4128371	.3822073	.4827762	.4704263
#1	5.099976	4.895309	24.86216	4.919782	4.877848	413.7186	10.51170
#2	5.078140	4.911267	24.95827	4.936500	4.887081	414.1648	10.49415
#3	5.101988	4.873330	24.86235	4.896098	4.851218	410.5116	10.41894

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5307531	2.511530	413.8148	15.61787	2.526876	15.41190	417.8044
Stddev	.0043378	.006460	1.8943	.01074	.005149	.05857	1.9174
%RSD	.8172858	.2571980	.4577661	.0687698	.2037692	.3800618	.4589332
#1	.5323358	2.507390	414.9199	15.60712	2.527359	15.45326	418.2836
#2	.5340772	2.518973	414.8970	15.62861	2.531766	15.43756	419.4368
#3	.5258462	2.508227	411.6275	15.61787	2.521502	15.34487	415.6928

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.33693	414.3177	2.509891	1.235859	425.8021	2.571167	14.86600
Stddev	.09582	2.3921	.004225	.003726	4.1376	.029402	.02833
%RSD	.6247586	.5773506	.1683340	.3014882	.9717195	1.143545	.1905830
#1	15.36197	415.1274	2.508649	1.231590	427.9507	2.553549	14.88744
#2	15.41773	416.1998	2.514598	1.237528	428.4234	2.605110	14.87668
#3	15.23107	411.6258	2.506426	1.238458	421.0322	2.554841	14.83388

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	159.8891	5.024212	5.075063	4.835463	5.040647	5.178869	5.070771
Stddev	1.1587	.011353	.045537	.013148	.025325	.053665	.011161
%RSD	.7247163	.2259708	.8972731	.2719112	.5024223	1.036231	.2201082
#1	160.6908	5.018002	5.085461	4.836608	5.029970	5.193585	5.061714
#2	160.4159	5.037315	5.114502	4.848001	5.069563	5.223641	5.083240
#3	158.5605	5.017318	5.025226	4.821779	5.022409	5.119382	5.067360

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: CCV022 Acquired: 12/27/2024 18:33:00 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV022 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	5.207987	4.892738	5.352213
Stddev	.020556	.024275	.021913
%RSD	.3946985	.4961410	.4094231
#1	5.227783	4.912017	5.368532
#2	5.209431	4.900721	5.360802
#3	5.186747	4.865477	5.327307

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1695.083	23740.82	1947.691	1424.012	1541.230
Stddev	6.668	47.71	22.137	3.720	5.572
%RSD	.3933625	.2009799	1.136583	.2612526	.3615183
#1	1695.914	23771.30	1942.610	1423.592	1543.229
#2	1688.039	23685.83	1928.537	1420.520	1534.934
#3	1701.297	23765.33	1971.927	1427.925	1545.527

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: CCB022 Acquired: 12/27/2024 18:36:52 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB022 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0035841	.0001460	.0033263	.0049468	-.002254	.0415061
Stddev	.0012120	.0031534	.0013649	.0029803	.004116	.0358901
%RSD	33.81495	2159.187	41.03412	60.24707	182.6212	86.46938
#1	.0041585	.0007320	.0027860	.0016310	-.004497	.0267499
#2	.0021917	-.003259	.0023143	.0074024	-.004762	.0153464
#3	.0044020	.002965	.0048787	.0058071	.002497	.0824221

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.006887	.0000906	.0001207	.0138875	-.001544	-.000301
Stddev	.000772	.0003393	.0000311	.0333682	.001567	.000789
%RSD	11.20895	374.5682	25.72639	240.2750	101.4963	262.2486
#1	-.007319	-.000209	.0001190	.0427562	-.002730	-.001187
#2	-.005996	.000459	.0001525	.0215526	.000233	-.000042
#3	-.007346	.000022	.0000905	-.022646	-.002135	.000327

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003887	.0269914	.0004267	.0699877	-.000479	.0015814
Stddev	.009990	.0096300	.0019779	.0409679	.000378	.0006265
%RSD	257.0116	35.67807	463.5249	58.53589	78.92551	39.61568
#1	-.013665	.0174967	.0003044	.0885809	-.000050	.0017985
#2	-.004298	.0267263	-.001487	.0230203	-.000625	.0020705
#3	.006302	.0367512	.002463	.0983620	-.000762	.0008753

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0658246	-.008383	.0332056	.5889882	-.002070	.0081881
Stddev	.0332517	.007549	.0002589	.1370158	.003105	.0017721
%RSD	50.51571	90.04366	.7795588	23.26291	150.0164	21.64314
#1	.0986400	-.017057	.0333777	.4311173	-.005654	.0066374
#2	.0666806	-.004795	.0329079	.6589286	-.000363	.0078070
#3	.0321531	-.003298	.0333312	.6769187	-.000192	.0101197

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: CCB022 Acquired: 12/27/2024 18:36:52 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB022 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003787	-.006193	-.000724	-.002193	-.000547	-.000071
Stddev	.0004390	.002129	.000451	.001387	.002268	.000256
%RSD	115.9076	34.38061	62.31130	63.23809	414.3433	360.5159
#1	.0001200	-.003961	-.001217	-.001318	-.001856	-.000365
#2	.0008855	-.008202	-.000621	-.001469	-.001858	.000100
#3	.0001306	-.006417	-.000333	-.003792	.002072	.000052

Elem	Li6707
Units	ppm
Avg	F .0198137
Stddev	.0053452
%RSD	26.97711
#1	.0247206
#2	.0206026
#3	.0141179

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2064.663	26249.55	2008.840	1749.756	1871.453
Stddev	12.735	46.70	5.096	1.719	10.807
%RSD	.6168103	.1779059	.2536569	.0982552	.5774617
#1	2053.390	26207.45	2006.028	1749.098	1862.691
#2	2078.477	26241.42	2014.722	1748.463	1883.528
#3	2062.123	26299.78	2005.769	1751.707	1868.138

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: P5027-13 Acquired: 12/27/2024 18:40:59 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHK23 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1413244	-.040834	.6291512	.0602639	-.008121	60.32534
Stddev	.0038914	.008047	.0054532	.0028145	.003311	.23164
%RSD	2.753535	19.70604	.8667479	4.670260	40.76756	.3839778
#1	.1452112	-.035239	.6254634	.0597377	-.008951	60.11256
#2	.1413336	-.050055	.6354152	.0633044	-.004474	60.57208
#3	.1374284	-.037206	.6265751	.0577497	-.010938	60.29139

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.067242	.0070050	.0060275	F 1083.118	.0985298	.1446123
Stddev	.003539	.0001220	.0000331	3.307	.0011560	.0011025
%RSD	.3315757	1.742096	.5491554	.3053065	1.173195	.7624023
#1	1.066207	.0071372	.0060656	1080.312	.0998644	.1442165
#2	1.071182	.0069811	.0060117	1086.764	.0978775	.1437622
#3	1.064335	.0068967	.0060053	1082.279	.0978474	.1458580

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3329180	155.5006	10.24520	89.92081	.1748001	-.029006
Stddev	.0012095	.2603	.01525	.29324	.0008647	.001109
%RSD	.3633044	.1674136	.1488099	.3261074	.4946543	3.824083
#1	.3328722	155.2484	10.23960	89.58227	.1740116	-.029208
#2	.3341498	155.7684	10.26245	90.08426	.1746640	-.027810
#3	.3317320	155.4849	10.23354	90.09589	.1757248	-.030001

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8838270	.1480512	.7823528	13.40198	8.175404	.0722473
Stddev	.0221480	.0066010	.0066840	.08727	.006925	.0011216
%RSD	2.505923	4.458600	.8543424	.6511437	.0847024	1.552456
#1	.8598417	.1483249	.7899481	13.30194	8.169073	.0710192
#2	.8881344	.1413176	.7773682	13.46245	8.182799	.0725052
#3	.9035050	.1545111	.7797422	13.44155	8.174339	.0732175

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: P5027-13 Acquired: 12/27/2024 18:40:59 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHK23 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0021593	2.222412	9.231532	.0629752	.5747745	.8115128
Stddev	.0004028	.004359	.071380	.0005379	.0019895	.0049265
%RSD	18.65477	.1961293	.7732175	.8541703	.3461433	.6070810
#1	.0021734	2.227190	9.149136	.0623544	.5726415	.8065345
#2	.0025549	2.218652	9.270949	.0633016	.5765800	.8163859
#3	.0017496	2.221395	9.274512	.0632698	.5751019	.8116180

Elem	Li6707
Units	ppm
Avg	.1337138
Stddev	.0057594
%RSD	4.307241
#1	.1273078
#2	.1384636
#3	.1353702

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2481.391	31595.42	2602.459	2089.020	1550.723
Stddev	8.245	272.34	20.642	15.524	5.417
%RSD	.3322759	.8619528	.7931788	.7431247	.3493179
#1	2472.019	31289.85	2624.310	2073.673	1544.478
#2	2487.527	31683.89	2583.288	2088.673	1554.148
#3	2484.628	31812.53	2599.778	2104.715	1553.543

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: P5027-14 Acquired: 12/27/2024 18:44:55 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHK24 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1252263	-.034733	.4997781	.0610319	-.008759	51.37658
Stddev	.0031066	.000757	.0009214	.0025795	.004072	.19925
%RSD	2.480774	2.179100	.1843661	4.226466	46.48162	.3878293
#1	.1275877	-.033908	.5001182	.0595128	-.009400	51.21665
#2	.1217071	-.035395	.4987350	.0640102	-.004406	51.59978
#3	.1263841	-.034897	.5004811	.0595727	-.012473	51.31330

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6961820	.0056244	.0063750	F 1097.902	.0802687	.1495077
Stddev	.0051934	.0002506	.0000701	1.004	.0015075	.0013225
%RSD	.7459785	4.456118	1.099033	.0914487	1.878105	.8845486
#1	.6950405	.0056343	.0063663	1097.813	.0795783	.1508840
#2	.7018511	.0058700	.0064491	1098.948	.0819978	.1493925
#3	.6916543	.0053690	.0063098	1096.946	.0792300	.1482467

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2988531	146.4994	12.70779	119.5241	.1737719	-.028303
Stddev	.0057153	.1234	.01856	.2906	.0010451	.001192
%RSD	1.912412	.0842567	.1460422	.2431320	.6014262	4.211440
#1	.2986131	146.3855	12.70651	119.2469	.1740323	-.028858
#2	.3046846	146.6306	12.72696	119.8265	.1746622	-.029117
#3	.2932616	146.4820	12.68991	119.4990	.1726213	-.026935

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.285788	.1349632	1.095955	9.250576	F 15.30469	.0636977
Stddev	.014946	.0017210	.002482	.013525	.08332	.0020668
%RSD	1.162390	1.275133	.2264364	.1462055	.5444392	3.244704
#1	1.276813	.1335791	1.093875	9.235976	15.35064	.0640244
#2	1.277510	.1344205	1.098702	9.253074	15.35493	.0655817
#3	1.303041	.1368901	1.095287	9.262678	15.20851	.0614870

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: P5027-14 Acquired: 12/27/2024 18:44:55 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHK24 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0045043	1.926615	8.867994	.0570486	.8987905	.9510654
Stddev	.0005702	.014046	.136803	.0018910	.0043798	.0007854
%RSD	12.65857	.7290588	1.542663	3.314628	.4873008	.0825781
#1	.0045409	1.939369	8.935841	.0587793	.8955612	.9515201
#2	.0050553	1.928914	8.957614	.0573361	.8970345	.9515176
#3	.0039167	1.911561	8.710528	.0550303	.9037759	.9501585

Elem	Li6707
Units	ppm
Avg	.1243006
Stddev	.0026222
%RSD	2.109569
#1	.1215573
#2	.1267820
#3	.1245624

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2469.695	31507.76	2586.397	2080.092	1516.342
Stddev	9.949	294.80	17.924	15.770	8.488
%RSD	.4028450	.9356347	.6930151	.7581387	.5597369
#1	2460.882	31817.23	2583.739	2096.644	1509.295
#2	2467.720	31475.83	2569.950	2078.389	1513.965
#3	2480.484	31230.23	2605.501	2065.242	1525.764

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: P5027-15 Acquired: 12/27/2024 18:48:49 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHK25 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1024597	-.017609	.1167954	.0233113	-.019342	36.75688
Stddev	.0030801	.002838	.0022586	.0066949	.004943	1.00791
%RSD	3.006196	16.11758	1.933825	28.71942	25.55704	2.742104
#1	.0992211	-.014354	.1193369	.0196492	-.024301	37.11920
#2	.1028060	-.019568	.1160315	.0192464	-.014415	35.61790
#3	.1053521	-.018905	.1150177	.0310384	-.019311	37.53355

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6376857	.0041423	.0039688	F 913.6489	.0758461	.1276212
Stddev	.0154142	.0001987	.0002032	22.1286	.0005463	.0007789
%RSD	2.417201	4.797745	5.120132	2.422007	.7203298	.6103553
#1	.6421451	.0039554	.0039158	922.7507	.0753023	.1267606
#2	.6205335	.0041205	.0041932	888.4209	.0763950	.1278249
#3	.6503786	.0043511	.0037973	929.7752	.0758409	.1282779

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1651938	100.9383	9.219514	39.47703	.1220273	-.017403
Stddev	.0066401	2.3805	.209909	.86732	.0014953	.000692
%RSD	4.019592	2.358375	2.276793	2.197012	1.225370	3.976070
#1	.1633847	101.9433	9.314652	39.80459	.1223142	-.017990
#2	.1596458	98.2201	8.978882	38.49364	.1233583	-.017578
#3	.1725510	102.6515	9.365009	40.13286	.1204093	-.016640

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7298004	.0823347	.3376251	9.730688	8.472772	.0529222
Stddev	.0244829	.0081547	.0020200	.376978	.007042	.0046576
%RSD	3.354741	9.904306	.5982860	3.874114	.0831175	8.800881
#1	.7278740	.0802500	.3385567	9.894873	8.465839	.0549965
#2	.7063375	.0754247	.3390112	9.299462	8.472560	.0475878
#3	.7551896	.0913293	.3353075	9.997731	8.479918	.0561824

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: P5027-15 Acquired: 12/27/2024 18:48:49 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHK25 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0071600	1.138489	8.925117	.0207544	.6540237	.5792582
Stddev	.0007574	.005216	.125382	.0048922	.0147422	.0151073
%RSD	10.57835	.4581132	1.404826	23.57202	2.254072	2.608044
#1	.0074084	1.136795	8.961503	.0151414	.6613377	.5869432
#2	.0063096	1.134332	8.785566	.0230088	.6370546	.5618533
#3	.0077621	1.144342	9.028282	.0241129	.6636787	.5889780

Elem	Li6707
Units	ppm
Avg	.0997636
Stddev	.0056212
%RSD	5.634536
#1	.1026724
#2	.0932840
#3	.1033343

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2271.509	28884.04	2372.103	1901.934	1599.957
Stddev	5.651	97.38	31.059	13.537	1.965
%RSD	.2487642	.3371361	1.309361	.7117409	.1228186
#1	2269.294	28889.02	2360.317	1896.043	1600.231
#2	2267.301	28784.27	2407.330	1892.341	1597.870
#3	2277.931	28978.83	2348.661	1917.418	1601.771

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: P5027-16 Acquired: 12/27/2024 18:52:46 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHK26 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1158689	-.045541	.6401999	.0596853	-.007357	68.85900	.7631518
Stddev	.0011729	.003203	.0014216	.0040193	.000733	.09451	.0013733
%RSD	1.012225	7.034200	.2220572	6.734182	9.959438	.1372538	.1799480
#1	.1172223	-.046441	.6418079	.0567563	-.006535	68.93303	.7616854
#2	.1152349	-.048198	.6391100	.0580321	-.007596	68.75254	.7644077
#3	.1151496	-.041984	.6396816	.0642676	-.007940	68.89142	.7633624

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0079380	.0028710	350.9193	.1063301	.1215035	.3060321	154.7798
Stddev	.0000182	.0000395	.8973	.0037232	.0002775	.0021836	.3045
%RSD	.2295163	1.375197	.2556943	3.501537	.2284011	.7135105	.1967070
#1	.0079328	.0029005	351.8379	.1059880	.1215103	.3083496	154.9737
#2	.0079583	.0028864	350.8749	.1027898	.1217776	.3040132	154.9368
#3	.0079230	.0028262	350.0450	.1102126	.1212227	.3057334	154.4289

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.112792	76.63945	.1614063	-.027207	.6157661	.1353333	.7708790
Stddev	.010335	.15517	.0011629	.001692	.0200691	.0019600	.0299756
%RSD	.1134129	.2024648	.7204608	6.217302	3.259206	1.448294	3.888491
#1	9.121718	76.59127	.1602634	-.026991	.6385038	.1364241	.7705600
#2	9.115189	76.81300	.1625881	-.025634	.6005220	.1365053	.7410642
#3	9.101469	76.51409	.1613673	-.028996	.6082726	.1330706	.8010128

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.98655	6.614190	.0935715	.0058819	1.097037	9.651433	.0250760
Stddev	.05226	.004425	.0036014	.0001080	.004817	.088208	.0013182
%RSD	.2905411	.0668943	3.848843	1.836645	.4390851	.9139403	5.256688
#1	18.04005	6.609520	.0934731	.0059790	1.091657	9.638873	.0265948
#2	17.98396	6.614730	.0972211	.0057655	1.098507	9.570177	.0244034
#3	17.93563	6.618319	.0900203	.0059011	1.100948	9.745248	.0242298

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: P5027-16 Acquired: 12/27/2024 18:52:46 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHK26 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.4116993	.2084935	.1729596
Stddev	.0036604	.0007596	.0022446
%RSD	.8890868	.3643373	1.297773
#1	.4156953	.2089131	.1703685
#2	.4108936	.2089507	.1742038
#3	.4085088	.2076166	.1743067

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2412.448	30696.47	2457.221	2025.342	1665.175
Stddev	3.631	921.99	15.872	58.989	3.051
%RSD	.1505081	3.003573	.6459396	2.912530	.1832060
#1	2408.403	30559.76	2439.599	2014.014	1661.662
#2	2413.512	31679.17	2470.394	2089.173	1667.154
#3	2415.427	29850.46	2461.669	1972.839	1666.710

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: P5027-17 Acquired: 12/27/2024 18:56:39 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHK27 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0280409	.0169813	.0542007	-.032115	-.032596	6.906095
Stddev	.0028055	.0037833	.0047942	.003200	.007610	.079111
%RSD	10.00515	22.27904	8.845336	9.963689	23.34658	1.145531
#1	.0252753	.0188506	.0562258	-.032652	-.023831	6.963209
#2	.0308847	.0126272	.0487262	-.035012	-.037518	6.815796
#3	.0279626	.0194660	.0576502	-.028681	-.036440	6.939280

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0448573	.0018614	.0010443	F 2470.086	.0450438	.0758001
Stddev	.0016507	.0000946	.0000198	48.358	.0008385	.0003597
%RSD	3.679986	5.080865	1.895638	1.957757	1.861533	.4745078
#1	.0430122	.0018308	.0010289	2462.476	.0440866	.0757430
#2	.0453655	.0019675	.0010666	2425.983	.0456482	.0754724
#3	.0461942	.0017859	.0010375	2521.797	.0453967	.0761849

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0339343	38.18254	1.250378	110.2531	.0628671	-.007735
Stddev	.0023866	.42398	.013286	1.0260	.0007591	.000343
%RSD	7.032929	1.110410	1.062576	.9305995	1.207487	4.437488
#1	.0366875	38.38632	1.252276	110.4737	.0636826	-.007450
#2	.0324531	37.69514	1.236245	109.1347	.0627377	-.007639
#3	.0326624	38.46616	1.262614	111.1509	.0621811	-.008116

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.238932	.0247697	.2259154	4.709198	1.338458	.0471815
Stddev	.017508	.0022623	.0041096	.105478	.002908	.0015539
%RSD	1.413127	9.133242	1.819075	2.239820	.2172647	3.293569
#1	1.259129	.0236446	.2212492	4.795131	1.335654	.0486594
#2	1.229597	.0273740	.2275009	4.591485	1.341460	.0455613
#3	1.228070	.0232906	.2289960	4.740979	1.338259	.0473237

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: P5027-17 Acquired: 12/27/2024 18:56:39 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHK27 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0025960	31.53101	5.067032	.0170632	-.026088	1.606611
Stddev	.0019619	.05731	.069263	.0002268	.007305	.012532
%RSD	75.57399	.1817671	1.366939	1.329254	28.00325	.7800316
#1	.0046423	31.55870	5.104238	.0168678	-.028923	1.609352
#2	.0024146	31.56922	4.987117	.0173119	-.031550	1.592936
#3	.0007311	31.46511	5.109741	.0170098	-.017790	1.617546

Elem	Li6707
Units	ppm
Avg	.0630821
Stddev	.0018257
%RSD	2.894144
#1	.0649182
#2	.0612670
#3	.0630611

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2008.704	25646.86	2146.190	1678.474	1446.776
Stddev	5.095	253.23	18.866	23.629	3.271
%RSD	.2536494	.9873813	.8790396	1.407771	.2260898
#1	2002.912	25935.49	2133.796	1705.449	1443.392
#2	2010.706	25543.13	2167.901	1668.530	1447.016
#3	2012.495	25461.97	2136.871	1661.441	1449.920

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: P5027-18 Acquired: 12/27/2024 19:00:44 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHK28 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000495	.0008857	-.001548	-.000227	-.001311	-.000431	-.023104
Stddev	.002394	.0000779	.000269	.002415	.000780	.004177	.000326
%RSD	483.6682	8.796552	17.36463	1065.204	59.48343	968.4363	1.412776
#1	-.003146	.0008718	-.001799	.001910	-.001713	-.000198	-.023242
#2	.000152	.0008157	-.001264	.000256	-.001807	.003624	-.023339
#3	.001509	.0009696	-.001581	-.002847	-.000412	-.004720	-.022731

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000140	-.000038	-.036290	-.001278	.0001363	-.010804	.0187470
Stddev	.000048	.000027	.003585	.000206	.0000890	.000404	.0063240
%RSD	33.85752	70.54568	9.879883	16.08252	65.32433	3.740879	33.73337
#1	-.000099	-.000056	-.036416	-.001268	.0000358	-.011186	.0230025
#2	-.000130	-.000051	-.039810	-.001489	.0001676	-.010844	.0217585
#3	-.000192	-.000007	-.032643	-.001078	.0002054	-.010381	.0114801

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000054	.1110646	-.000107	.0004378	.0435540	-.004103	.0056358
Stddev	.000180	.0292323	.000024	.0004918	.0040766	.002481	.0000929
%RSD	334.5448	26.32007	22.33151	112.3313	9.359930	60.47158	1.649320
#1	.000135	.1378619	-.000113	.0002317	.0433718	-.001485	.0055524
#2	-.000073	.0798908	-.000080	.0000826	.0477187	-.006420	.0056190
#3	-.000223	.1154409	-.000127	.0009990	.0395716	-.004404	.0057360

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-2.80655	-.000327	-.007625	-.000162	-.007220	-.008097	-.004628
Stddev	.00557	.000296	.000342	.000060	.001264	.000360	.000201
%RSD	.1986326	90.59627	4.484281	36.86150	17.50096	4.442890	4.340208
#1	-2.80680	-.000665	-.007436	-.000231	-.007746	-.007778	-.004407
#2	-2.81199	-.000112	-.007420	-.000125	-.005778	-.008025	-.004680
#3	-2.80085	-.000205	-.008020	-.000130	-.008135	-.008487	-.004798

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: P5027-18 Acquired: 12/27/2024 19:00:44 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHK28 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	-.000531	-.000225	.0020120
Stddev	.001149	.000104	.0003520
%RSD	216.3274	46.08673	17.49590
#1	-.000594	-.000147	.0017556
#2	-.001648	-.000186	.0024133
#3	.000648	-.000343	.0018670

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	7724.522	101996.1	6956.378	6494.701	7520.086
Stddev	85.930	378.5	86.466	34.070	79.025
%RSD	1.112430	.3711272	1.242977	.5245815	1.050852
#1	7626.365	101757.9	7008.021	6477.886	7429.743
#2	7761.040	102432.6	6856.556	6533.910	7554.141
#3	7786.162	101797.9	7004.558	6472.307	7576.373

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: P5027-19 Acquired: 12/27/2024 19:04:49 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHK29 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0037727	-.000379	-.000868	.0015326	-.005328	.0257770	-.006296
Stddev	.0018909	.001714	.000521	.0027900	.003210	.0166779	.001089
%RSD	50.11974	451.9127	59.99146	182.0462	60.24794	64.70049	17.29214
#1	.0055227	-.001515	-.001260	.0039485	-.002395	.0073957	-.006669
#2	.0040286	.001592	-.001067	-.001521	-.004832	.0299931	-.005070
#3	.0017670	-.001214	-.000277	.002170	-.008757	.0399423	-.007150

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000234	.0000426	.0599531	-.001433	.0000126	-.003277	.0598684
Stddev	.0000884	.0000832	.0400738	.000161	.0001573	.005334	.0373640
%RSD	377.6112	195.2091	66.84189	11.22007	1252.966	162.7853	62.41015
#1	.0001253	.0001374	.0515130	-.001374	-.000066	-.000471	.0521080
#2	-.000034	-.000018	.1035747	-.001615	-.000090	-.009428	.1005032
#3	-.000021	.000009	.0247716	-.001310	.000194	.000069	.0269940

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0011113	.0333295	.0004881	.0007104	-.007144	.0005409	.0302719
Stddev	.0014525	.1476829	.0001884	.0009364	.018768	.0101055	.0003038
%RSD	130.7057	443.0994	38.60746	131.8115	262.7324	1868.409	1.003445
#1	.0010306	-.036265	.0004288	.0004216	.004545	.0089003	.0300532
#2	-.000299	.202951	.0003364	.0017572	-.028792	.0034118	.0306188
#3	.002602	-.066698	.0006991	-.000048	.002817	-.010689	.0301438

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3631622	-.005163	-.005348	.0001000	-.002899	-.001917	-.006085
Stddev	.1607526	.002185	.002491	.0007439	.002455	.000888	.000907
%RSD	44.26468	42.31313	46.57067	744.1262	84.68313	46.32254	14.90428
#1	.3327840	-.006912	-.002854	.0003057	-.003889	-.001822	-.006264
#2	.5369366	-.005862	-.005354	.0007194	-.000104	-.002850	-.005102
#3	.2197661	-.002714	-.007835	-.000725	-.004705	-.001081	-.006889

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: P5027-19 Acquired: 12/27/2024 19:04:49 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHK29 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	-.002634	.0001256	.0120559
Stddev	.003018	.0003573	.0044243
%RSD	114.5906	284.4164	36.69787
#1	.000573	-.000008	.0167091
#2	-.005418	-.000145	.0115555
#3	-.003056	.000531	.0079031

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2085.304	26611.86	2029.033	1777.113	1895.248
Stddev	1.995	90.14	12.280	3.983	1.889
%RSD	.0956617	.3387071	.6052251	.2241378	.0996719
#1	2083.271	26653.73	2019.317	1778.729	1897.424
#2	2087.258	26508.41	2024.946	1772.576	1894.292
#3	2085.382	26673.45	2042.835	1780.034	1894.028

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: P5027-20 Acquired: 12/27/2024 19:08:55 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHK30 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1671425	-.048046	1.724887	.0928750	.0006687	80.24610
Stddev	.0021905	.001524	.007609	.0061160	.0020430	.14574
%RSD	1.310547	3.170972	.4411216	6.585240	305.5117	.1816146
#1	.1690303	-.047111	1.731992	.0859429	.0000928	80.17431
#2	.1676565	-.047223	1.725810	.0951724	-.001024	80.15019
#3	.1647407	-.049804	1.716859	.0975097	.002938	80.41381

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.561329	.0082446	.0071732	414.5064	.0987703	.1617285
Stddev	.010201	.0001901	.0002397	.4972	.0007547	.0010575
%RSD	.3982519	2.305620	3.341628	.1199524	.7640531	.6538822
#1	2.559209	.0081810	.0073084	415.0772	.0995960	.1624027
#2	2.552355	.0084584	.0073148	414.2747	.0985984	.1622732
#3	2.572423	.0080945	.0068965	414.1673	.0981164	.1605097

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2793297	182.1550	25.19163	63.67191	.1768579	-.029659
Stddev	.0078620	.7054	.06663	.02696	.0003560	.001799
%RSD	2.814602	.3872756	.2644867	.0423403	.2012995	6.066183
#1	.2846146	181.7589	25.16145	63.69895	.1770240	-.031625
#2	.2830798	181.7365	25.14543	63.67174	.1764492	-.028094
#3	.2702948	182.9694	25.26801	63.64503	.1771005	-.029257

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.884507	.1696361	.6320345	9.473109	F 17.23760	.1230692
Stddev	.046215	.0093224	.0034842	.112384	.11475	.0012530
%RSD	.7853632	5.495512	.5512752	1.186346	.6657104	1.018116
#1	5.935769	.1594423	.6330228	9.547011	17.29409	.1219409
#2	5.846031	.1717375	.6281629	9.528538	17.31315	.1228489
#3	5.871721	.1777284	.6349179	9.343778	17.10555	.1244177

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: P5027-20 Acquired: 12/27/2024 19:08:55 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHK30 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0071906	10.04526	9.322852	.0579561	1.063474	.9909130
Stddev	.0009159	.06807	.055028	.0009586	.003725	.0042550
%RSD	12.73691	.6776105	.5902480	1.654029	.3502249	.4294050
#1	.0061875	10.10089	9.385684	.0590418	1.062446	.9954612
#2	.0079822	10.06552	9.299634	.0576003	1.060372	.9902485
#3	.0074020	9.96936	9.283238	.0572263	1.067605	.9870293

Elem	Li6707
Units	ppm
Avg	.0824572
Stddev	.0035208
%RSD	4.269859
#1	.0802761
#2	.0805765
#3	.0865190

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2489.732	31493.42	2542.232	2084.612	1643.289
Stddev	1.267	126.83	1.513	7.365	5.614
%RSD	.0508983	.4027042	.0595071	.3532976	.3416210
#1	2488.313	31403.15	2540.560	2091.027	1639.529
#2	2490.133	31638.42	2542.630	2086.238	1640.597
#3	2490.751	31438.68	2543.506	2076.570	1649.742

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: P5027-21 Acquired: 12/27/2024 19:12:48 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHK31 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1779055	-.046837	.7677996	.0963672	.0064454	76.12159	1.151305
Stddev	.0016525	.001083	.0040249	.0009423	.0011575	.32154	.003594
%RSD	.9288469	2.311912	.5242056	.9777773	17.95870	.4223998	.3121349
#1	.1794588	-.046906	.7632360	.0968678	.0052185	75.90290	1.150818
#2	.1780885	-.045721	.7708426	.0952804	.0075181	75.97110	1.147979
#3	.1761691	-.047883	.7693204	.0969536	.0065997	76.49078	1.155117

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0081441	.0095017	103.8566	.0955877	.1591972	.1713942	178.1219
Stddev	.0000457	.0000989	.3712	.0004929	.0009309	.0047046	.7307
%RSD	.5607757	1.041008	.3574287	.5156076	.5847393	2.744902	.4102209
#1	.0081717	.0095924	103.4710	.0951361	.1601763	.1716775	177.4633
#2	.0080914	.0093962	103.8872	.0955137	.1583234	.1665543	177.9944
#3	.0081692	.0095165	104.2115	.0961134	.1590920	.1759507	178.9079

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	21.72297	34.35879	.1975486	-.028092	4.084854	.1566262	.5044416
Stddev	.07279	.21702	.0019789	.000794	.019778	.0086342	.0011820
%RSD	.3350841	.6316227	1.001725	2.826551	.4841721	5.512587	.2343171
#1	21.69249	34.12228	.1988110	-.028907	4.080336	.1647064	.5056032
#2	21.67038	34.40535	.1985669	-.027320	4.067727	.1576438	.5032402
#3	21.80605	34.54876	.1952679	-.028049	4.106500	.1475283	.5044815

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.920028	8.072851	.0406918	.0062020	4.137840	6.932078	.0299499
Stddev	.139825	.007187	.0006102	.0004844	.016763	.066215	.0025941
%RSD	1.765465	.0890244	1.499530	7.810221	.4051078	.9552025	8.661348
#1	7.762763	8.068160	.0400071	.0067242	4.121790	6.909970	.0269671
#2	8.030313	8.081125	.0411780	.0057674	4.155234	6.879744	.0316791
#3	7.967008	8.069267	.0408905	.0061143	4.136496	7.006518	.0312035

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: P5027-21 Acquired: 12/27/2024 19:12:48 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHK31 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.9084386	.0896693	.0760446
Stddev	.0085910	.0008222	.0043698
%RSD	.9456906	.9169464	5.746380
#1	.9012128	.0887383	.0719658
#2	.9179376	.0899738	.0755114
#3	.9061652	.0902959	.0806565

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2951.236	37781.49	2969.190	2501.253	1712.426
Stddev	10.872	129.68	16.153	6.940	4.678
%RSD	.3683764	.3432492	.5440088	.2774757	.2731782
#1	2946.595	37742.88	2981.250	2498.811	1712.327
#2	2963.658	37675.48	2975.483	2495.863	1717.153
#3	2943.455	37926.09	2950.838	2509.084	1707.798

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: P5027-22 Acquired: 12/27/2024 19:16:43 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHK32 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2199605	-.078301	.4025451	.1419404	.0196476	87.01902	1.045643
Stddev	.0037382	.005276	.0016405	.0111453	.0040056	5.31695	.062423
%RSD	1.699464	6.737787	.4075293	7.852094	20.38711	6.110101	5.969804
#1	.2240292	-.072282	.4042281	.1333717	.0177723	81.43718	.980055
#2	.2191745	-.082124	.4009507	.1545404	.0242468	92.02405	1.104327
#3	.2166779	-.080497	.4024564	.1379090	.0169236	87.59582	1.052546

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0088464	.0099431	24.62620	.1070756	.1870569	.2115608	225.2978
Stddev	.0004012	.0005350	1.40024	.0045585	.0019080	.0147743	13.3356
%RSD	4.535327	5.380733	5.685964	4.257234	1.020018	6.983472	5.919092
#1	.0084805	.0104571	23.16652	.1106120	.1892595	.2036641	211.1619
#2	.0092754	.0093893	25.95826	.1086838	.1860006	.2286054	237.6545
#3	.0087834	.0099831	24.75381	.1019310	.1859106	.2024130	227.0769

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.82376	22.02966	.2369595	-.037201	3.386488	.1962095	.5557224
Stddev	1.43348	1.30594	.0027771	.002464	.147476	.0090889	.0275256
%RSD	5.774617	5.928076	1.171965	6.624614	4.354840	4.632260	4.953124
#1	23.32604	20.63407	.2401661	-.039639	3.244055	.1864651	.5776656
#2	26.18293	23.22213	.2353450	-.037253	3.538537	.2044572	.5646640
#3	24.96232	22.23280	.2353673	-.034711	3.376871	.1977062	.5248377

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.767764	3.655344	.0361930	.0055814	3.427062	6.991125	.0228362
Stddev	.835182	.039613	.0079140	.0003405	.048724	.309873	.0024239
%RSD	8.550386	1.083692	21.86621	6.101050	1.421742	4.432373	10.61410
#1	8.911728	3.698665	.0270861	.0055209	3.480918	6.704165	.0204012
#2	10.58040	3.620969	.0400904	.0052752	3.386039	7.319704	.0252488
#3	9.81117	3.646397	.0414025	.0059481	3.414230	6.949505	.0228587

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: P5027-22 Acquired: 12/27/2024 19:16:43 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHK32 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.9731005	-.113862	.0935180
Stddev	.0621347	.007093	.0043784
%RSD	6.385225	6.229549	4.681871
#1	.9088204	-.106112	.0895419
#2	1.032841	-.120032	.0982104
#3	.977641	-.115442	.0928016

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2938.299	37920.70	2928.179	2509.401	1745.520
Stddev	11.596	1244.79	129.225	86.574	15.610
%RSD	.3946494	3.282621	4.413163	3.449994	.8942735
#1	2926.151	37242.20	3062.385	2463.425	1728.035
#2	2949.250	37162.57	2804.589	2455.515	1758.051
#3	2939.496	39357.32	2917.562	2609.264	1750.476

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: P5082-01 Acquired: 12/27/2024 19:20:38 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLL1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1282425	-.044457	.2819356	.0757469	-.007310	41.99373
Stddev	.0070618	.001109	.0028690	.0016770	.001619	.16445
%RSD	5.506637	2.495089	1.017618	2.213975	22.14544	.3916105
#1	.1262966	-.045476	.2790756	.0738201	-.005642	42.18146
#2	.1223576	-.044620	.2848136	.0765430	-.008875	41.87509
#3	.1360732	-.043276	.2819176	.0768776	-.007412	41.92465

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.314977	.0059056	.0058421	423.7538	.0848867	.1268342
Stddev	.005200	.0000832	.0001971	1.7703	.0009114	.0012514
%RSD	.3954197	1.409363	3.373999	.4177719	1.073616	.9866591
#1	1.320366	.0059848	.0056225	425.6959	.0858014	.1276770
#2	1.309991	.0059131	.0060038	422.2302	.0848798	.1274294
#3	1.314573	.0058189	.0059001	423.3354	.0839788	.1253963

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3276209	161.3320	14.65933	93.39627	.2128410	-.028866
Stddev	.0077134	.7938	.09413	.69294	.0004329	.001299
%RSD	2.354361	.4920138	.6421217	.7419362	.2034030	4.501770
#1	.3313508	162.0405	14.76398	94.18708	.2132696	-.027552
#2	.3327604	160.4742	14.58156	93.10635	.2128494	-.030151
#3	.3187515	161.4814	14.63246	92.89538	.2124039	-.028895

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5937292	.1271879	.4627353	7.333342	F 13.70187	.0522102
Stddev	.0270814	.0066961	.0025559	.051858	.01397	.0017601
%RSD	4.561229	5.264772	.5523504	.7071478	.1019522	3.371264
#1	.6090733	.1325345	.4598753	7.391591	13.71125	.0542426
#2	.6096541	.1196774	.4647962	7.292195	13.68581	.0512091
#3	.5624601	.1293520	.4635343	7.316241	13.70854	.0511789

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: P5082-01 Acquired: 12/27/2024 19:20:38 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLL1 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0056744	.8940946	4.809926	.0194683	.5524077	.1724413
Stddev	.0006676	.0048568	.065224	.0014356	.0049640	.0013794
%RSD	11.76440	.5432044	1.356021	7.373847	.8986149	.7999059
#1	.0059230	.8908888	4.885053	.0210761	.5508074	.1727218
#2	.0049182	.8996825	4.767769	.0190138	.5484412	.1736589
#3	.0061820	.8917125	4.776957	.0183150	.5579745	.1709433

Elem	Li6707
Units	ppm
Avg	.0988436
Stddev	.0034373
%RSD	3.477502
#1	.0974804
#2	.0962970
#3	.1027534

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2585.315	32867.00	2619.301	2172.177	1695.592
Stddev	6.687	63.52	32.235	2.531	2.396
%RSD	.2586671	.1932750	1.230687	.1165158	.1412862
#1	2593.015	32854.94	2582.079	2171.048	1697.274
#2	2581.966	32810.38	2637.954	2170.408	1696.653
#3	2580.963	32935.69	2637.870	2175.076	1692.849

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: P5082-02 Acquired: 12/27/2024 19:24:34 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLL2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1152151	-.044385	1.886869	.0546729	-.005215	51.15467
Stddev	.0055410	.001257	.002099	.0032590	.002026	.11794
%RSD	4.809301	2.831522	.1112390	5.960813	38.84205	.2305589
#1	.1206454	-.043669	1.888010	.0572813	-.007483	51.05024
#2	.1095696	-.043650	1.884446	.0510197	-.003584	51.28259
#3	.1154304	-.045836	1.888150	.0557178	-.004579	51.13117

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.102342	.0064721	.0088078	298.0966	.6847605	.0995671
Stddev	.001481	.0000911	.0000160	.2129	.0016401	.0003205
%RSD	.1343537	1.407129	.1819774	.0714073	.2395123	.3218645
#1	1.101089	.0063835	.0088263	297.8508	.6838561	.0997526
#2	1.101959	.0064672	.0087992	298.2251	.6837718	.0997517
#3	1.103976	.0065654	.0087979	298.2137	.6866537	.0991971

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4198861	145.8075	6.791157	146.1536	.5274502	-.025736
Stddev	.0082843	.2482	.001388	.3349	.0006078	.000809
%RSD	1.972993	.1702527	.0204344	.2291214	.1152243	3.143806
#1	.4103222	145.5471	6.792013	146.4351	.5281256	-.026524
#2	.4248372	145.8338	6.791903	146.2424	.5272776	-.025776
#3	.4244988	146.0415	6.789556	145.7833	.5269475	-.024908

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7319094	.1361928	2.109811	5.835451	F 12.23056	.0553003
Stddev	.0242654	.0098194	.011120	.128537	.00971	.0005396
%RSD	3.315352	7.209896	.5270656	2.202691	.0794121	.9756892
#1	.7586846	.1440569	2.108026	5.971492	12.23751	.0555273
#2	.7113716	.1393343	2.099691	5.818826	12.23471	.0546844
#3	.7256721	.1251871	2.121715	5.716036	12.21947	.0556893

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: P5082-02 Acquired: 12/27/2024 19:24:34 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLL2 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0097976	9.142809	5.845428	.0923396	.5371929	.1692335
Stddev	.0003482	.014351	.015520	.0005475	.0044916	.0008945
%RSD	3.554486	.1569686	.2655127	.5929073	.8361172	.5285371
#1	.0101010	9.130504	5.860154	.0922631	.5353940	.1682181
#2	.0094173	9.158574	5.829220	.0918343	.5423051	.1699048
#3	.0098743	9.139348	5.846910	.0929212	.5338796	.1695777

Elem	Li6707
Units	ppm
Avg	.0936842
Stddev	.0029916
%RSD	3.193273
#1	.0946896
#2	.0960435
#3	.0903194

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2326.365	29649.46	2356.305	1958.595	1761.088
Stddev	4.032	53.41	8.291	8.756	4.529
%RSD	.1733317	.1801309	.3518851	.4470494	.2571674
#1	2328.419	29607.39	2347.100	1951.821	1761.942
#2	2328.958	29631.44	2363.187	1968.482	1765.129
#3	2321.720	29709.54	2358.629	1955.482	1756.192

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: P5082-03 Acquired: 12/27/2024 19:28:27 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLL3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0554449	-.021843	1.113906	.0124122	-.023759	30.22535
Stddev	.0073107	.005553	.004739	.0102715	.004064	.13137
%RSD	13.18546	25.42284	.4253993	82.75365	17.10338	.4346267
#1	.0493215	-.023869	1.111798	.0029658	-.026437	30.35627
#2	.0635388	-.015562	1.119333	.0109241	-.025758	30.22625
#3	.0534743	-.026099	1.110588	.0233466	-.019084	30.09354

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5025500	.0040789	.0070687	F 1093.313	.1368671	.0863647
Stddev	.0021395	.0002414	.0001040	4.740	.0009735	.0003627
%RSD	.4257219	5.918659	1.471621	.4335796	.7112792	.4199330
#1	.5046874	.0038675	.0071502	1098.773	.1378759	.0865714
#2	.5025541	.0040271	.0069515	1090.921	.1359333	.0865768
#3	.5004085	.0043419	.0071044	1090.246	.1367920	.0859459

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1976527	101.7352	7.202506	591.0022	.1195832	-.019807
Stddev	.0016361	.2744	.026531	1.7259	.0008566	.000523
%RSD	.8277730	.2697593	.3683594	.2920248	.7162993	2.640378
#1	.1976754	101.9768	7.233133	592.8292	.1190381	-.019207
#2	.1992774	101.7919	7.187813	590.7781	.1205705	-.020046
#3	.1960054	101.4368	7.186571	589.3993	.1191411	-.020168

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.274327	.0818680	1.527117	4.723202	6.166240	.0667618
Stddev	.030869	.0030191	.002496	.114370	.014370	.0009135
%RSD	2.422391	3.687705	.1634559	2.421461	.2330382	1.368329
#1	1.261779	.0823905	1.525528	4.615723	6.150905	.0668777
#2	1.309494	.0786218	1.529994	4.843401	6.179395	.0676118
#3	1.251708	.0845917	1.525829	4.710480	6.168418	.0657958

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: P5082-03 Acquired: 12/27/2024 19:28:27 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLL3 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0050188	21.31544	4.966316	.0522571	.3152612	.3367475
Stddev	.0005644	.02897	.040480	.0025044	.0053248	.0008789
%RSD	11.24558	.1358965	.8150902	4.792378	1.689021	.2609865
#1	.0055151	21.28918	4.920813	.0547037	.3205789	.3377487
#2	.0044048	21.34652	4.998328	.0523689	.3152754	.3363900
#3	.0051364	21.31063	4.979808	.0496987	.3099293	.3361036

Elem	Li6707
Units	ppm
Avg	.0738219
Stddev	.0013518
%RSD	1.831174
#1	.0742043
#2	.0723201
#3	.0749414

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2096.839	27100.16	2213.946	1778.194	1569.436
Stddev	5.713	24.70	10.380	4.670	2.394
%RSD	.2724407	.0911565	.4688537	.2625988	.1525509
#1	2098.884	27126.63	2224.419	1782.257	1569.790
#2	2101.247	27096.11	2203.661	1773.093	1571.634
#3	2090.385	27077.73	2213.758	1779.232	1566.885

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: P5082-04 Acquired: 12/27/2024 19:32:20 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLL4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1008427	-.031604	1.645102	.0366650	-.015731	44.65625	.8532688
Stddev	.0038993	.005545	.004630	.0080361	.003275	.48868	.0090315
%RSD	3.866698	17.54393	.2814314	21.91771	20.81708	1.094314	1.058454
#1	.1030227	-.032568	1.646425	.0412080	-.016169	45.21750	.8635732
#2	.1031645	-.025641	1.648926	.0273864	-.012259	44.42625	.8467265
#3	.0963410	-.036603	1.639954	.0414008	-.018764	44.32501	.8495069

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0052945	.0141467	692.1778	.1702081	.0995911	.4238752	128.9337
Stddev	.0001144	.0001895	8.1467	.0004141	.0000520	.0071474	1.3349
%RSD	2.161107	1.339369	1.176967	.2433140	.0522523	1.686217	1.035308
#1	.0053409	.0140577	701.5380	.1703091	.0995673	.4302119	130.4732
#2	.0053784	.0140181	688.3096	.1705623	.0995552	.4161275	128.2314
#3	.0051642	.0143643	686.6858	.1697528	.0996508	.4252863	128.0967

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.225080	375.9678	.1425407	-.022643	1.015533	.1288312	3.317807
Stddev	.088198	4.1070	.0015188	.001218	.017161	.0012882	.006962
%RSD	1.072310	1.092373	1.065536	5.379747	1.689844	.9998897	.2098387
#1	8.326034	380.6818	.1410972	-.023982	1.005926	.1273463	3.321647
#2	8.162981	374.0588	.1424001	-.022346	1.035346	.1296491	3.309771
#3	8.186224	373.1628	.1441250	-.021601	1.005328	.1294982	3.322004

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.597491	8.365625	.0492850	.0037071	14.08376	5.529157	.1217749
Stddev	.115886	.008318	.0046225	.0007940	.00603	.049260	.0003773
%RSD	2.070325	.0994324	9.379013	21.41921	.0428035	.8909172	.3098405
#1	5.731240	8.356989	.0523747	.0029936	14.09058	5.574134	.1213447
#2	5.534223	8.366304	.0439709	.0035653	14.08156	5.536825	.1219302
#3	5.527009	8.373583	.0515095	.0045625	14.07914	5.476513	.1220498

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: P5082-04 Acquired: 12/27/2024 19:32:20 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLL4 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.5105893	.2160806	.0967273
Stddev	.0022543	.0021666	.0042942
%RSD	.4415099	1.002683	4.439460
#1	.5118228	.2184310	.1015525
#2	.5119577	.2156476	.0953033
#3	.5079874	.2141632	.0933260

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2185.013	28007.79	2244.394	1839.862	1616.464
Stddev	2.431	48.87	21.204	1.927	.769
%RSD	.1112360	.1744928	.9447479	.1047431	.0475616
#1	2183.324	28037.22	2224.218	1837.679	1615.584
#2	2187.798	27951.37	2242.468	1841.327	1616.806
#3	2183.916	28034.76	2266.495	1840.580	1617.002

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: P5082-05 Acquired: 12/27/2024 19:40:25 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLL5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0874453	-.048044	1.391848	.0599189	.0019356	54.88532	1.006040
Stddev	.0001835	.001407	.003733	.0027028	.0029271	.24248	.004383
%RSD	.2098394	2.928256	.2682407	4.510745	151.2258	.4417970	.4356687
#1	.0874183	-.049639	1.389249	.0628291	-.001444	54.70807	1.009729
#2	.0876408	-.047510	1.390168	.0574875	.003664	54.78624	1.001195
#3	.0872768	-.046982	1.396126	.0594403	.003587	55.16165	1.007196

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0059256	.0052587	64.05034	.1262071	.0807372	.2722984	123.4501
Stddev	.0001967	.0000605	.14940	.0009446	.0002014	.0092521	.0679
%RSD	3.318703	1.150373	.2332569	.7484711	.2495130	3.397779	.0550177
#1	.0059882	.0053042	64.05161	.1251628	.0809622	.2758879	123.3940
#2	.0057052	.0052818	63.90031	.1264562	.0806758	.2617894	123.4307
#3	.0060832	.0051900	64.19910	.1270022	.0805736	.2792178	123.5256

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.918311	36.02513	.1166281	-.020749	.4790040	.1295515	.9701921
Stddev	.024650	.11167	.0010340	.001071	.0468864	.0060057	.0029496
%RSD	.3562953	.3099733	.8865548	5.163190	9.788310	4.635751	.3040266
#1	6.926701	35.93489	.1155271	-.019518	.5293720	.1344952	.9725829
#2	6.890561	35.99049	.1175786	-.021473	.4366260	.1312913	.9710975
#3	6.937670	36.15002	.1167786	-.021255	.4710140	.1228680	.9668959

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.430344	9.275058	.0298216	.0047194	2.700984	6.309351	.0717472
Stddev	.056760	.007777	.0033168	.0001125	.004020	.054949	.0016461
%RSD	1.281159	.0838502	11.12220	2.382813	.1488186	.8709084	2.294356
#1	4.483032	9.273169	.0319140	.0047508	2.698020	6.281024	.0701282
#2	4.370241	9.268400	.0315535	.0048128	2.705559	6.274345	.0734192
#3	4.437760	9.283606	.0259974	.0045946	2.699373	6.372682	.0716943

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: P5082-05 Acquired: 12/27/2024 19:40:25 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLL5 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.6179766	.0847348	.0942081
Stddev	.0048092	.0003614	.0012647
%RSD	.7782175	.4264776	1.342488
#1	.6178502	.0843607	.0956657
#2	.6132318	.0847618	.0935581
#3	.6228477	.0850820	.0934005

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2415.361	30651.86	2371.490	2039.920	1858.924
Stddev	6.621	136.52	8.236	10.837	5.072
%RSD	.2741106	.4453920	.3472834	.5312250	.2728523
#1	2416.490	30680.10	2377.598	2036.867	1859.368
#2	2421.344	30503.43	2374.747	2030.938	1863.759
#3	2408.248	30772.06	2362.123	2051.956	1853.644

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: P5082-10 Acquired: 12/27/2024 19:44:21 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLL8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0753665	-.051577	.4153909	.0731636	.0044421	53.82341
Stddev	.0009493	.001427	.0014460	.0026711	.0018658	.23642
%RSD	1.259541	2.766446	.3481091	3.650884	42.00208	.4392490
#1	.0750447	-.051082	.4137237	.0706961	.0057356	53.55072
#2	.0746199	-.053186	.4163040	.0760000	.0023033	53.97088
#3	.0764348	-.050464	.4161450	.0727948	.0052873	53.94864

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9870166	.0059393	.0031574	54.11420	.0866149	.0882252
Stddev	.0054190	.0000829	.0000983	.11300	.0002235	.0004477
%RSD	.5490312	1.396392	3.113157	.2088148	.2580553	.5074509
#1	.9807678	.0059881	.0030609	53.99476	.0868599	.0883020
#2	.9904239	.0059863	.0031539	54.21940	.0865630	.0877441
#3	.9898582	.0058436	.0032574	54.12844	.0864220	.0886295

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2668124	141.1482	10.82873	22.70631	.1091162	-.024046
Stddev	.0031906	.7493	.04711	.10172	.0003716	.000059
%RSD	1.195838	.5308300	.4350874	.4479903	.3405831	.2462346
#1	.2634479	140.2863	10.77458	22.58937	.1087496	-.023993
#2	.2671947	141.6443	10.86028	22.77432	.1094927	-.024110
#3	.2697948	141.5141	10.85135	22.75524	.1091063	-.024035

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4813004	.1255514	.6002928	3.675838	F 14.34755	.0284970
Stddev	.0092180	.0046665	.0026811	.034937	.06090	.0018570
%RSD	1.915224	3.716824	.4466374	.9504618	.4244565	6.516311
#1	.4853529	.1209765	.6032156	3.670265	14.28362	.0306222
#2	.4877979	.1303044	.5979474	3.644022	14.35414	.0276811
#3	.4707504	.1253732	.5997155	3.713227	14.40488	.0271876

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: P5082-10 Acquired: 12/27/2024 19:44:21 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLL8 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0053913	1.490708	6.151791	.0359094	.5100505	.0432458
Stddev	.0003072	.008996	.074480	.0008414	.0014183	.0005094
%RSD	5.698540	.6034679	1.210705	2.343026	.2780705	1.177898
#1	.0050746	1.481645	6.067150	.0349535	.5084539	.0436294
#2	.0056881	1.490842	6.180917	.0365379	.5105327	.0434402
#3	.0054113	1.499635	6.207308	.0362367	.5111647	.0426679

Elem	Li6707
Units	ppm
Avg	.0944677
Stddev	.0013169
%RSD	1.393977
#1	.0959483
#2	.0940271
#3	.0934276

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2517.622	32075.41	2482.003	2135.834	1861.499
Stddev	6.491	76.83	25.938	6.375	2.729
%RSD	.2578370	.2395317	1.045024	.2984852	.1465793
#1	2511.358	32018.11	2511.631	2129.443	1860.896
#2	2517.191	32045.41	2463.394	2135.867	1859.122
#3	2524.319	32162.72	2470.985	2142.193	1864.478

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: P5082-11 Acquired: 12/27/2024 19:48:19 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLT9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1206366	-.049223	2.366089	.0703888	.0077922	52.37091
Stddev	.0034729	.002071	.005141	.0027087	.0006111	.12564
%RSD	2.878815	4.206876	.2172982	3.848171	7.842474	.2398991
#1	.1181627	-.051509	2.362436	.0709975	.0077680	52.27426
#2	.1246069	-.047473	2.371968	.0727413	.0071936	52.51293
#3	.1191404	-.048688	2.363862	.0674275	.0084151	52.32553

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.063549	.0062825	.0062880	33.10507	.1325958	.0748063
Stddev	.003790	.0002160	.0000234	.06975	.0005465	.0001426
%RSD	.1836759	3.437654	.3722436	.2106974	.4121681	.1905696
#1	2.059692	.0063395	.0063136	33.18555	.1326899	.0746977
#2	2.067269	.0064643	.0062677	33.06770	.1330891	.0747535
#3	2.063684	.0060437	.0062827	33.06197	.1320083	.0749677

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3560097	123.8311	4.071517	14.16878	.1456337	-.020473
Stddev	.0091384	.6572	.009746	.13025	.0001731	.000983
%RSD	2.566894	.5307385	.2393731	.9192811	.1188481	4.801523
#1	.3576266	123.4742	4.069906	14.30144	.1458335	-.021558
#2	.3642317	124.5896	4.081968	14.16383	.1455296	-.019640
#3	.3461708	123.4296	4.062676	14.04108	.1455380	-.020222

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3735943	.1624692	2.557413	9.091340	F 10.74011	.0376942
Stddev	.0255485	.0084640	.006591	.171279	.02700	.0024810
%RSD	6.838580	5.209613	.2577125	1.883979	.2514140	6.581931
#1	.3866264	.1610430	2.560011	9.196225	10.71402	.0393022
#2	.3441577	.1548089	2.549919	9.184107	10.73835	.0389434
#3	.3899987	.1715557	2.562308	8.893688	10.76794	.0348368

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: P5082-11 Acquired: 12/27/2024 19:48:19 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLT9 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0063011	3.307602	5.607586	.1461863	.6776939	.0252533
Stddev	.0011338	.004570	.042924	.0017441	.0038945	.0009408
%RSD	17.99434	.1381753	.7654593	1.193057	.5746693	3.725407
#1	.0069908	3.306902	5.617048	.1478845	.6733856	.0259514
#2	.0049925	3.312483	5.644989	.1462746	.6809644	.0241834
#3	.0069200	3.303423	5.560721	.1443997	.6787316	.0256251

Elem	Li6707
Units	ppm
Avg	.0883171
Stddev	.0035744
%RSD	4.047213
#1	.0902352
#2	.0905230
#3	.0841931

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2512.921	31852.64	2459.986	2118.470	1924.400
Stddev	2.984	182.54	4.417	12.692	2.303
%RSD	.1187345	.5730773	.1795361	.5991295	.1196647
#1	2512.036	31912.71	2465.076	2119.892	1922.395
#2	2510.480	31997.57	2457.165	2130.392	1923.890
#3	2516.247	31647.63	2457.717	2105.127	1926.915

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: P5082-12 Acquired: 12/27/2024 19:52:17 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLW0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1263660	-.068586	3.144633	.0875828	.0147659	61.24927
Stddev	.0037803	.001919	.005324	.0024216	.0020116	.23371
%RSD	2.991582	2.798376	.1693056	2.764934	13.62306	.3815724
#1	.1233292	-.067620	3.141625	.0865188	.0170857	60.98400
#2	.1306000	-.067341	3.150780	.0903542	.0135051	61.33893
#3	.1251689	-.070796	3.141494	.0858753	.0137068	61.42486

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.433950	.0077434	.0103274	37.95061	.1740920	.0878700
Stddev	.005897	.0002116	.0000517	.05263	.0005941	.0003037
%RSD	.4112558	2.733349	.5006510	.1386917	.3412389	.3455856
#1	1.427142	.0076128	.0102777	37.92000	.1747765	.0882185
#2	1.437233	.0079876	.0103809	38.01139	.1737098	.0877285
#3	1.437474	.0076297	.0103236	37.92045	.1737899	.0876628

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5222876	155.4735	3.903327	17.67189	.1806431	-.027022
Stddev	.0085713	.5487	.022732	.07371	.0003585	.000921
%RSD	1.641116	.3529149	.5823861	.4171163	.1984721	3.406785
#1	.5321055	154.8419	3.877779	17.58920	.1809609	-.027216
#2	.5184630	155.8327	3.910883	17.69574	.1807141	-.026020
#3	.5162945	155.7459	3.921320	17.73072	.1802544	-.027830

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4858841	.1779706	2.582856	7.376048	F 18.73296	.0429656
Stddev	.0212042	.0096449	.011168	.202992	.01284	.0021586
%RSD	4.364041	5.419357	.4323880	2.752038	.0685392	5.024095
#1	.4828051	.1886005	2.572417	7.382565	18.74743	.0418042
#2	.5084594	.1697785	2.581518	7.169877	18.72293	.0416363
#3	.4663877	.1755328	2.594632	7.575703	18.72853	.0454563

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: P5082-12 Acquired: 12/27/2024 19:52:17 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLW0 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0094300	4.729087	5.985293	.2697558	.8869247	.0266417
Stddev	.0005176	.000940	.037086	.0004730	.0069434	.0007016
%RSD	5.489115	.0198715	.6196199	.1753542	.7828661	2.633425
#1	.0096606	4.728023	5.997956	.2700650	.8789501	.0274125
#2	.0097921	4.729804	5.943534	.2699912	.8901941	.0260404
#3	.0088371	4.729433	6.014389	.2692113	.8916300	.0264723

Elem	Li6707
Units	ppm
Avg	.0897160
Stddev	.0022235
%RSD	2.478329
#1	.0919423
#2	.0897102
#3	.0874954

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2436.252	31130.92	2387.495	2063.070	1897.296
Stddev	7.390	56.69	12.184	3.486	4.370
%RSD	.3033200	.1820997	.5103328	.1689850	.2303057
#1	2443.549	31066.22	2382.291	2064.404	1901.732
#2	2436.434	31171.84	2401.417	2065.692	1897.160
#3	2428.773	31154.71	2378.778	2059.113	1892.996

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: P5082-13 Acquired: 12/27/2024 19:56:11 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLW1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1320265	-.058585	3.134318	.0813103	.0099368	52.09515
Stddev	.0056066	.002616	.004879	.0053161	.0007860	.14939
%RSD	4.246537	4.465495	.1556695	6.538037	7.909839	.2867576
#1	.1255582	-.060599	3.137055	.0864788	.0097094	51.99332
#2	.1354935	-.059527	3.128685	.0815943	.0092895	52.02549
#3	.1350277	-.055628	3.137215	.0758580	.0108114	52.26665

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.440401	.0067453	.0111117	29.99006	.1725762	.0830614
Stddev	.006334	.0001621	.0000891	.10488	.0002255	.0000095
%RSD	.4397208	2.402834	.8014764	.3497214	.1306621	.0113936
#1	1.436228	.0066986	.0110202	29.87007	.1723754	.0830692
#2	1.437286	.0066117	.0111168	30.03583	.1725330	.0830641
#3	1.447689	.0069256	.0111981	30.06428	.1728201	.0830509

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5093407	143.2485	6.184398	14.09091	.1669889	-.023948
Stddev	.0013546	.5571	.010673	.11472	.0005546	.001308
%RSD	.2659528	.3889220	.1725778	.8141569	.3320858	5.462084
#1	.5108331	142.7567	6.174546	13.95854	.1676143	-.025301
#2	.5081890	143.1353	6.182912	14.16161	.1667954	-.023853
#3	.5089999	143.8535	6.195736	14.15258	.1665571	-.022690

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5089932	.1987516	2.824199	6.335896	F 14.04061	.0358772
Stddev	.0208818	.0134116	.012770	.076152	.01114	.0013013
%RSD	4.102575	6.747899	.4521469	1.201913	.0793647	3.627088
#1	.5324979	.1940552	2.814927	6.353989	14.04318	.0349922
#2	.5018989	.2138798	2.838764	6.401373	14.02840	.0373713
#3	.4925828	.1883198	2.818907	6.252328	14.05024	.0352681

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: P5082-13 Acquired: 12/27/2024 19:56:11 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLW1 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0072159	3.241308	5.521624	.6149958	.5861412	.0496032
Stddev	.0004610	.002962	.017515	.0017960	.0046318	.0004423
%RSD	6.388348	.0913983	.3172028	.2920283	.7902135	.8917129
#1	.0067459	3.243677	5.510270	.6141680	.5834082	.0496395
#2	.0072347	3.237987	5.512807	.6137630	.5835265	.0500263
#3	.0076673	3.242261	5.541795	.6170563	.5914891	.0491439

Elem	Li6707
Units	ppm
Avg	.0825197
Stddev	.0028576
%RSD	3.462889
#1	.0793759
#2	.0849595
#3	.0832237

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2418.220	30861.85	2371.031	2046.384	1918.041
Stddev	6.376	214.15	16.828	20.096	3.975
%RSD	.2636606	.6939113	.7097508	.9820383	.2072617
#1	2413.864	31050.98	2390.460	2063.925	1915.059
#2	2425.538	30629.32	2361.603	2024.457	1922.554
#3	2415.257	30905.24	2361.031	2050.769	1916.509

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: P5082-14 Acquired: 12/27/2024 20:00:07 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLW2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1386067	-.062974	2.763254	.0877761	.0118582	62.35105
Stddev	.0034366	.004572	.002165	.0035358	.0048055	1.18116
%RSD	2.479419	7.259573	.0783627	4.028243	40.52424	1.894367
#1	.1356245	-.065918	2.762456	.0895035	.0173643	63.53178
#2	.1378306	-.057707	2.761602	.0837086	.0085094	61.16946
#3	.1423650	-.065296	2.765706	.0901161	.0097010	62.35190

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.591774	.0072643	.0105932	27.76635	.1370196	.0880563
Stddev	.032189	.0001757	.0000933	.49395	.0001235	.0003734
%RSD	2.022190	2.419260	.8806337	1.778952	.0901245	.4240794
#1	1.623195	.0074109	.0106964	28.27583	.1369141	.0876253
#2	1.558869	.0070695	.0105148	27.28955	.1371554	.0882610
#3	1.593257	.0073126	.0105685	27.73368	.1369893	.0882826

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3834194	151.3747	7.582730	16.28253	.1385917	-.026820
Stddev	.0052534	2.8924	.140600	.26456	.0003002	.000972
%RSD	1.370146	1.910776	1.854211	1.624811	.2165684	3.623047
#1	.3832230	154.1446	7.730222	16.55525	.1386583	-.027228
#2	.3782670	148.3736	7.450223	16.02697	.1382638	-.027522
#3	.3887683	151.6059	7.567747	16.26538	.1388529	-.025711

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4791633	.1721190	3.004204	7.297550	F 12.52460	.0321898
Stddev	.0151468	.0063445	.014152	.225249	.01213	.0004375
%RSD	3.161096	3.686130	.4710880	3.086637	.0968647	1.359157
#1	.4728068	.1758754	2.991151	7.453840	12.53835	.0326950
#2	.4682306	.1647938	3.002215	7.039357	12.51540	.0319317
#3	.4964526	.1756878	3.019246	7.399452	12.52003	.0319429

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: P5082-14 Acquired: 12/27/2024 20:00:07 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLW2 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0087838	2.116470	5.705202	.1765472	.7047876	.0270133
Stddev	.0005906	.014020	.064268	.0020628	.0158329	.0002155
%RSD	6.723279	.6624286	1.126477	1.168397	2.246477	.7978517
#1	.0081231	2.117639	5.754053	.1777034	.7224305	.0271435
#2	.0092604	2.101902	5.632398	.1741657	.6918155	.0271319
#3	.0089678	2.129869	5.729155	.1777727	.7001168	.0267646

Elem	Li6707
Units	ppm
Avg	.1039433
Stddev	.0024846
%RSD	2.390322
#1	.1039628
#2	.1014491
#3	.1064181

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2462.978	31279.60	2428.309	2082.259	1926.022
Stddev	4.973	74.23	34.480	7.990	2.105
%RSD	.2018992	.2372995	1.419909	.3837291	.1093085
#1	2457.535	31195.83	2400.708	2073.621	1923.982
#2	2464.116	31305.79	2466.959	2083.771	1925.897
#3	2467.283	31337.18	2417.262	2089.385	1928.187

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: CCV023 Acquired: 12/27/2024 20:04:02 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV023 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.879320	4.722862	24.05007	4.743705	4.669089	395.9458	10.07221
Stddev	.008604	.010845	.02240	.007351	.014574	2.3018	.05478
%RSD	.1763395	.2296225	.0931413	.1549557	.3121290	.5813509	.5439163
#1	4.885869	4.734589	24.06874	4.751628	4.685041	398.6026	10.13540
#2	4.882516	4.713195	24.02523	4.742383	4.665754	394.5529	10.04318
#3	4.869575	4.720803	24.05624	4.737106	4.656472	394.6817	10.03805

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5095469	2.428269	400.7420	15.09042	2.439852	14.93068	401.0969
Stddev	.0032902	.002421	2.1437	.01637	.004028	.05348	2.1004
%RSD	.6457056	.0997108	.5349203	.1084569	.1651077	.3581661	.5236517
#1	.5104283	2.430540	403.1394	15.10128	2.443908	14.99134	403.5219
#2	.5059058	2.425721	400.0768	15.09838	2.435851	14.91037	399.9170
#3	.5123065	2.428545	399.0099	15.07159	2.439798	14.89034	399.8519

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.80844	400.9699	2.423365	1.188282	406.0017	2.478006	14.28773
Stddev	.09389	2.1069	.002887	.003039	3.2193	.012491	.07979
%RSD	.6340579	.5254481	.1191298	.2557610	.7929268	.5040704	.5584247
#1	14.91505	403.4020	2.426287	1.185058	408.9906	2.491890	14.22467
#2	14.77220	399.7013	2.420515	1.191095	402.5932	2.467680	14.37742
#3	14.73807	399.8064	2.423293	1.188693	406.4212	2.474449	14.26108

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	154.3392	4.849854	4.919523	4.639881	4.873001	5.011305	4.900970
Stddev	.4545	.006139	.033459	.013594	.024386	.035560	.005536
%RSD	.2944799	.1265776	.6801279	.2929767	.5004302	.7095991	.1129611
#1	154.8229	4.856328	4.920660	4.652554	4.891516	5.013211	4.907282
#2	153.9210	4.844116	4.885511	4.641564	4.845370	4.974830	4.898692
#3	154.2737	4.849119	4.952400	4.625524	4.882117	5.045874	4.896936

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: CCV023 Acquired: 12/27/2024 20:04:02 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV023 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	5.015392	4.750433	5.158790
Stddev	.031824	.021243	.028230
%RSD	.6345358	.4471822	.5472167
#1	5.052097	4.774962	5.191282
#2	4.995501	4.737966	5.140288
#3	4.998579	4.738372	5.144799

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1695.276	23640.99	1943.921	1420.576	1533.595
Stddev	1.634	85.33	10.180	8.006	3.313
%RSD	.0964099	.3609291	.5236778	.5635791	.2160460
#1	1696.737	23566.15	1937.121	1422.735	1536.081
#2	1693.511	23622.92	1955.624	1411.711	1534.870
#3	1695.579	23733.91	1939.018	1427.281	1529.833

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: CCB023 Acquired: 12/27/2024 20:07:55 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB023 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0009909	-.000818	.0037764	.0006959	-.000110	.0052289
Stddev	.0004898	.000542	.0017992	.0041423	.003882	.0230505
%RSD	49.43227	66.24010	47.64366	595.2294	3530.874	440.8281
#1	.0008425	-.000457	.0046053	-.003714	-.003737	-.003448
#2	.0015378	-.000555	.0050118	.001298	.003984	-.012224
#3	.0005924	-.001441	.0017122	.004504	-.000576	.031359

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.007150	.0000213	.0000830	.0081285	-.000804	-.000200
Stddev	.000686	.0003143	.0001008	.0156651	.000594	.000292
%RSD	9.588489	1478.747	121.3922	192.7188	73.89273	145.8067
#1	-.007490	-.000038	.0001073	.0202228	-.001347	.000124
#2	-.006361	-.000259	.0001695	.0137299	-.000169	-.000281
#3	-.007600	.000361	-.000028	-.009567	-.000897	-.000444

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.006296	.0126625	.0015686	.0684284	-.000021	.0015576
Stddev	.003819	.0173560	.0010388	.0845053	.000359	.0006532
%RSD	60.66064	137.0658	66.22845	123.4945	1687.643	41.93724
#1	-.003423	-.001995	.0019593	.0935672	.000364	.0023000
#2	-.010630	.008155	.0023554	-.025794	-.000345	.0010710
#3	-.004834	.031828	.0003910	.137512	-.000083	.0013019

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0632189	-.005290	.0323710	.5238093	-.003973	.0070633
Stddev	.0146047	.006008	.0003942	.0735522	.000725	.0012849
%RSD	23.10175	113.5714	1.217684	14.04179	18.24357	18.19103
#1	.0719416	-.000036	.0321717	.6074129	-.003154	.0060897
#2	.0463583	-.011840	.0328251	.4690553	-.004530	.0085197
#3	.0713569	-.003994	.0321164	.4949597	-.004237	.0065806

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: CCB023 Acquired: 12/27/2024 20:07:55 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB023 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004882	-.002585	-.000846	-.003848	-.001928	-.000260
Stddev	.0000678	.004636	.000781	.001147	.002990	.000521
%RSD	13.89325	179.3870	92.37330	29.80141	155.1254	199.8763
#1	.0005158	-.007237	-.000039	-.002558	-.002412	-.000854
#2	.0004109	.002035	-.001599	-.004752	.001275	.000118
#3	.0005378	-.002552	-.000899	-.004235	-.004646	-.000045

Elem	Li6707
Units	ppm
Avg	F .0345393
Stddev	.0059575
%RSD	17.24835
#1	.0399243
#2	.0281397
#3	.0355541

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2059.199	26300.58	2019.374	1745.108	1866.130
Stddev	1.911	72.36	9.151	15.755	3.055
%RSD	.0928247	.2751415	.4531407	.9028323	.1637125
#1	2058.917	26360.04	2010.285	1752.635	1863.013
#2	2057.445	26220.01	2028.585	1727.000	1866.257
#3	2061.236	26321.70	2019.253	1755.687	1869.119

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: P5082-15 Acquired: 12/27/2024 20:12:01 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLW3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1044303	-.071528	.6833088	.0894183	.0101973	70.20061	.8247334
Stddev	.0036328	.000560	.0060772	.0004467	.0032034	.14986	.0017439
%RSD	3.478634	.7833385	.8893774	.4996189	31.41449	.2134676	.2114451
#1	.1058750	-.071807	.6843739	.0890506	.0065460	70.37358	.8264818
#2	.1002974	-.071893	.6767695	.0899155	.0125358	70.10977	.8247243
#3	.1071184	-.070883	.6887831	.0892889	.0115100	70.11849	.8229941

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0075275	.0038905	18.30075	.1098664	.0877557	.1887759	155.6711
Stddev	.0001802	.0000307	.02391	.0011082	.0008282	.0121902	.2031
%RSD	2.393949	.7888861	.1306664	1.008702	.9438037	6.457510	.1304669
#1	.0074402	.0038564	18.32080	.1109065	.0885846	.1941745	155.8430
#2	.0077348	.0038990	18.27428	.1099920	.0869281	.1973346	155.4470
#3	.0074076	.0039160	18.30716	.1087007	.0877546	.1748185	155.7233

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.126726	18.43837	.1153599	-.029604	.4487354	.1753510	.8192077
Stddev	.007036	.07596	.0009859	.000666	.0288887	.0045823	.0022214
%RSD	.1704869	.4119516	.8546018	2.249462	6.437807	2.613203	.2711606
#1	4.133574	18.35381	.1150912	-.030163	.4619704	.1706135	.8209297
#2	4.119517	18.46048	.1145363	-.029782	.4686355	.1797604	.8167003
#3	4.127088	18.50083	.1164523	-.028867	.4156002	.1756793	.8199929

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.333601	6.018470	.0244225	.0049875	1.059341	6.436789	.0900414
Stddev	.102755	.036285	.0008807	.0002609	.003255	.009699	.0011009
%RSD	1.401151	.6028916	3.606225	5.232099	.3072616	.1506764	1.222691
#1	7.369415	6.044384	.0234111	.0050529	1.060569	6.425717	.0912908
#2	7.413656	5.977001	.0250206	.0052095	1.055650	6.443780	.0892134
#3	7.217732	6.034024	.0248358	.0047001	1.061803	6.440871	.0896199

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: P5082-15 Acquired: 12/27/2024 20:12:01 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLW3 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.8310411	-.049429	.0924169
Stddev	.0087832	.000681	.0037335
%RSD	1.056886	1.377498	4.039792
#1	.8387684	-.050170	.0962615
#2	.8214888	-.048832	.0888055
#3	.8328662	-.049285	.0921838

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2451.236	31047.58	2403.632	2067.407	1889.870
Stddev	9.851	44.34	1.416	4.802	8.135
%RSD	.4018779	.1428011	.0589133	.2322699	.4304699
#1	2442.519	30997.28	2404.943	2062.435	1882.012
#2	2461.923	31064.47	2402.130	2072.019	1898.257
#3	2449.266	31080.99	2403.823	2067.766	1889.341

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: P5082-16 Acquired: 12/27/2024 20:15:57 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLW4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1703821	-.119991	.5295683	.1573972	.0290470	100.6881	1.012154
Stddev	.0026986	.002657	.0010433	.0052440	.0025240	1.7104	.018268
%RSD	1.583821	2.214409	.1970059	3.331686	8.689455	1.698692	1.804847
#1	.1673044	-.116923	.5296577	.1514180	.0261343	99.2758	.998359
#2	.1714985	-.121510	.5284832	.1612148	.0305905	102.5898	1.032871
#3	.1723432	-.121539	.5305640	.1595589	.0304163	100.1986	1.005231

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0107578	.0039673	17.30904	.1557322	.1234857	.2180961	253.4912
Stddev	.0001616	.0001814	.33047	.0003024	.0006532	.0047897	4.3950
%RSD	1.502264	4.571721	1.909218	.1941709	.5289783	2.196158	1.733789
#1	.0107662	.0040862	17.14609	.1556853	.1231379	.2153689	249.8951
#2	.0109151	.0037586	17.68934	.1560553	.1230800	.2236266	258.3904
#3	.0105922	.0040572	17.09169	.1554560	.1242392	.2152927	252.1880

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.576112	29.95062	.1932867	-.049012	.4645051	.2562196	.6570510
Stddev	.094338	.42163	.0007238	.001289	.0181684	.0112425	.0022739
%RSD	1.691831	1.407756	.3744483	2.629454	3.911345	4.387826	.3460707
#1	5.510422	29.60132	.1935509	-.049453	.4655218	.2432380	.6550836
#2	5.684212	30.41898	.1924680	-.047561	.4821438	.2626825	.6595405
#3	5.533702	29.83155	.1938413	-.050022	.4458497	.2627383	.6565288

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.97841	4.625067	.0326784	.0049536	.9484075	6.817037	.0695841
Stddev	.31502	.016748	.0022204	.0002346	.0048199	.113163	.0017131
%RSD	1.855402	.3621204	6.794737	4.735240	.5082147	1.659998	2.461849
#1	16.84947	4.629091	.0304184	.0047485	.9442959	6.772070	.0715620
#2	17.33744	4.606674	.0327599	.0052093	.9537119	6.945772	.0686143
#3	16.74831	4.639437	.0348570	.0049029	.9472149	6.733270	.0685759

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: P5082-16 Acquired: 12/27/2024 20:15:57 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLW4 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	1.466274	-.156856	.1360132
Stddev	.023321	.002740	.0048430
%RSD	1.590498	1.747028	3.560644
#1	1.442586	-.154231	.1314679
#2	1.489210	-.159699	.1411071
#3	1.467026	-.156639	.1354645

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2949.501	37287.67	2905.746	2489.208	1885.377
Stddev	2.221	139.96	47.167	8.086	3.043
%RSD	.0753010	.3753565	1.623232	.3248459	.1614065
#1	2951.017	37218.10	2925.648	2496.186	1886.826
#2	2946.952	37196.12	2851.889	2480.346	1887.426
#3	2950.535	37448.78	2939.699	2491.090	1881.881

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: P5082-17 Acquired: 12/27/2024 20:19:51 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLW5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0909149	-.076494	.5277926	.0967672	.0112424	70.72626	.8701912
Stddev	.0049001	.003611	.0017361	.0010418	.0035987	.29446	.0024395
%RSD	5.389775	4.720486	.3289438	1.076573	32.00962	.4163327	.2803384
#1	.0948916	-.074439	.5283319	.0979066	.0072606	70.51106	.8687941
#2	.0854408	-.080664	.5258509	.0965318	.0122043	70.60590	.8687716
#3	.0924123	-.074381	.5291952	.0958634	.0142624	71.06184	.8730081

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0076308	.0031513	29.75458	.1247052	.1069058	.1336088	171.9264
Stddev	.0001718	.0001081	.12260	.0013607	.0002173	.0018679	.7661
%RSD	2.251019	3.431719	.4120342	1.091108	.2032767	1.398042	.4456016
#1	.0075768	.0031080	29.84349	.1262560	.1070738	.1338913	171.4572
#2	.0078231	.0032743	29.61472	.1241484	.1069831	.1316157	171.5115
#3	.0074925	.0030715	29.80554	.1237113	.1066604	.1353194	172.8105

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.550080	32.24042	.1836713	-.033308	.4269222	.1573001	.6745476
Stddev	.025158	.22808	.0007450	.000517	.0265175	.0106146	.0006882
%RSD	.4532845	.7074458	.4056226	1.551335	6.211312	6.748018	.1020209
#1	5.537687	32.09984	.1830011	-.032759	.3975523	.1648065	.6740955
#2	5.533524	32.11783	.1835394	-.033381	.4491061	.1451558	.6753396
#3	5.579030	32.50358	.1844735	-.033785	.4341081	.1619380	.6742076

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.308647	6.370877	.0341436	.0030261	1.164929	5.901799	.0492439
Stddev	.120988	.008871	.0028897	.0005127	.003429	.048756	.0026461
%RSD	1.299739	.1392388	8.463422	16.94290	.2943860	.8261135	5.373532
#1	9.264995	6.367784	.0356293	.0036131	1.165247	5.873617	.0475352
#2	9.215543	6.363967	.0308133	.0027995	1.161351	5.958097	.0522919
#3	9.445404	6.380880	.0359882	.0026658	1.168188	5.873683	.0479044

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: P5082-17 Acquired: 12/27/2024 20:19:51 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLW5 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.7144493	-.062930	.1386664
Stddev	.0062665	.000913	.0050770
%RSD	.8771035	1.450608	3.661292
#1	.7140591	-.062105	.1377594
#2	.7083871	-.062775	.1341041
#3	.7209018	-.063911	.1441358

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2610.990	33118.62	2577.340	2210.361	1867.003
Stddev	4.652	209.97	8.303	17.730	4.634
%RSD	.1781816	.6339844	.3221567	.8021425	.2481795
#1	2606.787	33014.37	2583.377	2201.763	1863.475
#2	2615.989	33360.31	2567.872	2230.751	1872.251
#3	2610.194	32981.19	2580.772	2198.570	1865.285

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: P5082-18 Acquired: 12/27/2024 20:23:46 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHL31 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0642625	-.056808	.1435890	.0703390	.0072283	58.39064	.5559928
Stddev	.0022760	.001965	.0018816	.0044913	.0052964	.04630	.0010413
%RSD	3.541793	3.458822	1.310387	6.385263	73.27374	.0792983	.1872793
#1	.0652927	-.059042	.1414413	.0722687	.0129227	58.42088	.5547905
#2	.0658413	-.056033	.1449473	.0735430	.0024491	58.41370	.5565828
#3	.0616535	-.055348	.1443784	.0652053	.0063130	58.33734	.5566051

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0065585	.0013951	21.94161	.0922603	.0633663	.1353997	131.2447
Stddev	.0000707	.0000902	.03204	.0008624	.0002359	.0006372	.0886
%RSD	1.078232	6.465677	.1460273	.9346910	.3723032	.4705970	.0674997
#1	.0064868	.0014356	21.90587	.0931385	.0634755	.1360599	131.1527
#2	.0065606	.0012918	21.96777	.0914148	.0635279	.1353507	131.3294
#3	.0066282	.0014580	21.95120	.0922277	.0630956	.1347883	131.2521

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.181003	20.48937	.1150856	-.024782	.3021865	.1388050	.3712578
Stddev	.003731	.01217	.0005959	.000566	.0265383	.0078481	.0013259
%RSD	.1710751	.0594111	.5178118	2.283944	8.782087	5.654036	.3571291
#1	2.182760	20.48069	.1151668	-.024282	.2759057	.1319251	.3702009
#2	2.176718	20.48414	.1156367	-.025397	.3289750	.1371369	.3727455
#3	2.183531	20.50328	.1144532	-.024668	.3016788	.1473531	.3708270

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.762526	7.216059	.0149125	.0018506	.8577258	5.613286	.0141155
Stddev	.148938	.010051	.0006202	.0002702	.0051107	.048697	.0006907
%RSD	5.391377	.1392907	4.158726	14.59962	.5958421	.8675397	4.893350
#1	2.598661	7.225450	.0142156	.0018263	.8601415	5.596715	.0146125
#2	2.889668	7.205457	.0151180	.0021322	.8518551	5.668106	.0144074
#3	2.799248	7.217270	.0154038	.0015934	.8611809	5.575036	.0133268

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: P5082-18 Acquired: 12/27/2024 20:23:46 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHL31 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.6501129	-.055276	.1102879
Stddev	.0030207	.000215	.0042114
%RSD	.4646401	.3881642	3.818522
#1	.6512934	-.055423	.1060771
#2	.6523651	-.055030	.1144999
#3	.6466802	-.055375	.1102867

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2638.590	33634.89	2582.578	2239.321	1898.724
Stddev	5.627	244.91	17.815	13.864	3.323
%RSD	.2132765	.7281440	.6898041	.6190959	.1749917
#1	2636.846	33679.69	2600.047	2241.068	1897.771
#2	2644.884	33854.31	2564.437	2252.229	1902.419
#3	2634.042	33370.67	2583.249	2224.667	1895.982

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: P5082-19 Acquired: 12/27/2024 20:27:43 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHL41 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0736800	-.046754	.5385787	.0668279	.0050309	42.16879	.8018005
Stddev	.0014221	.003053	.0013656	.0060377	.0022065	.16059	.0019749
%RSD	1.930162	6.529092	.2535596	9.034629	43.85871	.3808169	.2463072
#1	.0725258	-.048383	.5371026	.0651764	.0067087	42.08994	.8014205
#2	.0732456	-.043233	.5388364	.0735195	.0058526	42.06288	.8000432
#3	.0752687	-.048648	.5397971	.0617879	.0025315	42.35356	.8039378

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0051589	.0023726	50.41831	.0712816	.0783716	.0819967	128.2067
Stddev	.0001272	.0001416	.07065	.0014716	.0004165	.0029062	.3272
%RSD	2.465023	5.969842	.1401295	2.064472	.5313729	3.544288	.2552104
#1	.0052422	.0024914	50.49451	.0713031	.0779528	.0788577	128.3228
#2	.0052219	.0022158	50.35498	.0727423	.0787856	.0845937	127.8373
#3	.0050125	.0024105	50.40545	.0697994	.0783764	.0825387	128.4600

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.855717	18.73332	.1172839	-.023418	.3160078	.1010339	.3243375
Stddev	.031479	.06334	.0003883	.000283	.0272196	.0071129	.0024734
%RSD	.4007178	.3380891	.3311194	1.207673	8.613586	7.040144	.7625906
#1	7.887208	18.66194	.1168573	-.023716	.3417952	.1084426	.3230548
#2	7.824249	18.75523	.1176170	-.023385	.3186756	.0942593	.3271888
#3	7.855693	18.78278	.1173773	-.023154	.2875525	.1003997	.3227691

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.334270	5.038095	.0327083	.0020805	.6494278	5.133737	.0179148
Stddev	.119594	.011229	.0015762	.0004550	.0024893	.008823	.0013019
%RSD	2.241990	.2228805	4.818930	21.86764	.3833010	.1718603	7.267157
#1	5.457513	5.029487	.0345176	.0019541	.6491032	5.123652	.0165687
#2	5.326602	5.034002	.0316329	.0017021	.6471167	5.137531	.0191675
#3	5.218695	5.050796	.0319743	.0025853	.6520634	5.140028	.0180083

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: P5082-19 Acquired: 12/27/2024 20:27:43 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHL41 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.5347986	-.031524	.0773679
Stddev	.0015297	.000378	.0002634
%RSD	.2860309	1.200072	.3404548
#1	.5353594	-.031887	.0771119
#2	.5330676	-.031553	.0773535
#3	.5359687	-.031132	.0776382

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2516.301	31907.20	2482.277	2117.510	1865.084
Stddev	11.769	60.47	8.223	9.398	8.582
%RSD	.4677017	.1895029	.3312837	.4438219	.4601227
#1	2521.406	31888.64	2479.600	2120.430	1870.300
#2	2502.842	31858.19	2491.505	2106.999	1855.179
#3	2524.656	31974.77	2475.725	2125.102	1869.772

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: P5079-01 Acquired: 12/27/2024 20:31:42 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLE9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3912079	-.160892	5.273510	.2173907	.0286903	70.41844
Stddev	.0066328	.004492	.016008	.0014544	.0028196	.24819
%RSD	1.695462	2.791675	.3035503	.6690070	9.827886	.3524509
#1	.3887236	-.165329	5.262021	.2189306	.0314251	70.52519
#2	.3861759	-.161000	5.266715	.2160404	.0288529	70.59540
#3	.3987243	-.156347	5.291794	.2172011	.0257929	70.13474

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.011606	.0115392	.0175463	83.89822	.1970257	.1322260
Stddev	.008307	.0001028	.0001035	.43595	.0008317	.0013917
%RSD	.2758431	.8907575	.5899973	.5196146	.4221087	1.052488
#1	3.014787	.0116364	.0175798	84.03150	.1971577	.1306195
#2	3.017853	.0115496	.0174302	84.25197	.1977835	.1330629
#3	3.002179	.0114316	.0176290	83.41119	.1961359	.1329956

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5349097	378.8420	12.87639	26.29707	.2117191	-.070978
Stddev	.0072806	1.4003	.06132	.07195	.0001134	.001527
%RSD	1.361082	.3696228	.4762448	.2736095	.0535644	2.151090
#1	.5317604	379.1549	12.89428	26.22122	.2117665	-.071659
#2	.5432348	380.0594	12.92678	26.36436	.2118011	-.072046
#3	.5297340	377.3117	12.80811	26.30563	.2115897	-.069229

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6282594	.2121578	4.758390	8.286052	F 22.24724	.0630355
Stddev	.0132988	.0097190	.027820	.103980	.05544	.0022777
%RSD	2.116766	4.581014	.5846568	1.254881	.2492074	3.613434
#1	.6149080	.2076664	4.790172	8.397682	22.21875	.0652172
#2	.6283652	.2054968	4.738450	8.268522	22.21184	.0606725
#3	.6415049	.2233102	4.746548	8.191951	22.31114	.0632169

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: P5079-01 Acquired: 12/27/2024 20:31:42 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLE9 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0140807	3.833463	8.987911	3.449504	.8017840	-.104039
Stddev	.0004797	.017260	.037831	.011912	.0010741	.001551
%RSD	3.406982	.4502580	.4209098	.3453327	.1339578	1.490559
#1	.0143745	3.815012	9.007218	3.439760	.8024095	-.102643
#2	.0135271	3.836163	9.012193	3.445968	.8023987	-.105708
#3	.0143406	3.849215	8.944322	3.462784	.8005438	-.103766

Elem	Li6707
Units	ppm
Avg	.1198721
Stddev	.0004639
%RSD	.3869842
#1	.1195098
#2	.1197116
#3	.1203949

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2665.676	34237.12	2664.606	2266.638	1824.319
Stddev	3.837	151.91	24.446	14.348	1.460
%RSD	.1439561	.4437111	.9174460	.6329941	.0800196
#1	2665.876	34099.46	2652.017	2250.074	1825.707
#2	2661.743	34211.79	2649.020	2275.212	1824.453
#3	2669.410	34400.11	2692.781	2274.627	1822.796

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: P5079-02 Acquired: 12/27/2024 20:35:35 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLF0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0945058	-.068415	.3026969	.0929269	.0098374	62.84454
Stddev	.0011374	.006655	.0009556	.0057533	.0014999	.33381
%RSD	1.203524	9.727621	.3156813	6.191255	15.24687	.5311743
#1	.0941007	-.067004	.3024460	.0984747	.0091621	62.57322
#2	.0957903	-.075662	.3018917	.0933179	.0087938	63.21731
#3	.0936264	-.062578	.3037528	.0869880	.0115562	62.74309

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9892896	.0068443	.0032927	57.37476	.1022406	.0971268
Stddev	.0063671	.0001722	.0000674	.23554	.0005034	.0005651
%RSD	.6436074	2.515905	2.046163	.4105353	.4923608	.5818338
#1	.9839023	.0069994	.0032259	57.21486	.1025196	.0967012
#2	.9963161	.0068743	.0033606	57.64525	.1025428	.0977680
#3	.9876506	.0066590	.0032916	57.26418	.1016595	.0969113

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1195596	170.2435	6.484786	27.63596	.1322052	-.031590
Stddev	.0030162	.4776	.036615	.16361	.0005090	.000582
%RSD	2.522725	.2805442	.5646246	.5920214	.3850292	1.840930
#1	.1228249	170.0470	6.452599	27.61368	.1316920	-.032255
#2	.1189762	170.7881	6.524621	27.80957	.1327100	-.031339
#3	.1168778	169.8955	6.477138	27.48463	.1322136	-.031176

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5518880	.1568393	.7598708	7.631430	F 11.25062	.0528818
Stddev	.0188428	.0032315	.0034324	.087315	.00937	.0013946
%RSD	3.414236	2.060405	.4517138	1.144154	.0833030	2.637249
#1	.5701523	.1532035	.7561499	7.539000	11.25307	.0521584
#2	.5529960	.1579304	.7629135	7.642767	11.24027	.0544895
#3	.5325156	.1593841	.7605491	7.712523	11.25852	.0519975

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: P5079-02 Acquired: 12/27/2024 20:35:35 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLF0 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0038672	1.169195	8.614122	.0339767	.7120178	-.032280
Stddev	.0004519	.006556	.048576	.0008503	.0078714	.000173
%RSD	11.68411	.5607150	.5639107	2.502551	1.105500	.5364292
#1	.0043211	1.171206	8.629351	.0330380	.7114067	-.032228
#2	.0034174	1.161869	8.653258	.0341969	.7201768	-.032473
#3	.0038631	1.174510	8.559756	.0346952	.7044698	-.032139

Elem	Li6707
Units	ppm
Avg	.1025995
Stddev	.0030660
%RSD	2.988305
#1	.1059776
#2	.1018275
#3	.0999932

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2564.459	32648.09	2539.609	2162.159	1839.071
Stddev	4.396	178.09	4.330	13.444	1.278
%RSD	.1714288	.5454684	.1705064	.6218016	.0694943
#1	2564.756	32815.92	2537.443	2177.529	1839.569
#2	2559.922	32667.09	2536.790	2156.366	1837.619
#3	2568.700	32461.27	2544.595	2152.583	1840.025

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: P5079-03 Acquired: 12/27/2024 20:39:31 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLF1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0679943	-.058646	.1522574	.0751755	.0013344	67.36263
Stddev	.0018779	.002348	.0012437	.0026341	.0009591	.12103
%RSD	2.761913	4.003623	.8168122	3.503944	71.87317	.1796681
#1	.0658260	-.056352	.1535828	.0757291	.0004007	67.44346
#2	.0691020	-.061045	.1511160	.0723086	.0023169	67.22348
#3	.0690548	-.058542	.1520733	.0774888	.0012855	67.42094

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7907415	.0060768	.0016713	120.3279	.0999080	.0963040
Stddev	.0033377	.0000685	.0000223	.0988	.0005611	.0009482
%RSD	.4220962	1.126924	1.335514	.0820741	.5616526	.9845584
#1	.7906186	.0061440	.0016470	120.4005	.0994740	.0957898
#2	.7874670	.0060791	.0016910	120.2154	.1005417	.0957240
#3	.7941390	.0060072	.0016758	120.3678	.0997083	.0973982

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0698991	159.6962	7.711090	57.86278	.1351903	-.029701
Stddev	.0014838	.7377	.045883	.37931	.0005757	.000832
%RSD	2.122786	.4619633	.5950208	.6555363	.4258673	2.802700
#1	.0713602	160.2005	7.736836	58.24586	.1352758	-.028745
#2	.0683936	158.8495	7.658117	57.48735	.1345766	-.030262
#3	.0699434	160.0387	7.738318	57.85513	.1357185	-.030098

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.129745	.1448443	.8040306	8.887700	F 12.27846	.0547854
Stddev	.012873	.0099182	.0037660	.132078	.00858	.0012664
%RSD	1.139465	6.847497	.4683885	1.486072	.0698591	2.311522
#1	1.126761	.1359368	.8080544	8.835536	12.28345	.0548525
#2	1.143848	.1430641	.8034470	8.789670	12.26856	.0534868
#3	1.118626	.1555321	.8005905	9.037893	12.28338	.0560169

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: P5079-03 Acquired: 12/27/2024 20:39:31 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLF1 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0015124	.6818455	8.191087	.0264725	.9775067	.0412408
Stddev	.0003247	.0034318	.090066	.0004205	.0103721	.0011649
%RSD	21.47171	.5033054	1.099567	1.588464	1.061073	2.824669
#1	.0017656	.6806735	8.294341	.0260187	.9763865	.0399306
#2	.0016254	.6791532	8.150229	.0265499	.9677402	.0421595
#3	.0011463	.6857097	8.128691	.0268489	.9883934	.0416324

Elem	Li6707
Units	ppm
Avg	.1318794
Stddev	.0008770
%RSD	.6650040
#1	.1310645
#2	.1317662
#3	.1328075

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2470.818	31504.54	2471.949	2086.136	1782.243
Stddev	4.662	165.46	20.402	7.829	2.719
%RSD	.1886967	.5252024	.8253554	.3752988	.1525386
#1	2475.046	31668.64	2448.400	2083.847	1784.090
#2	2471.590	31507.25	2483.141	2094.854	1783.519
#3	2465.818	31337.74	2484.307	2079.705	1779.122

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: P5079-04 Acquired: 12/27/2024 20:43:26 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLF2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0507388	-.040399	.4386249	.0458557	-.005350	55.10371	.6188491
Stddev	.0017196	.003047	.0017458	.0025513	.003524	.40010	.0051683
%RSD	3.389212	7.542769	.3980187	5.563719	65.87067	.7260809	.8351384
#1	.0526353	-.043191	.4403619	.0432785	-.006810	55.20450	.6221087
#2	.0503000	-.040858	.4368704	.0483803	-.001331	55.44377	.6215484
#3	.0492810	-.037148	.4386424	.0459082	-.007910	54.66285	.6128900

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0052894	.0019140	159.3928	.1089127	.0804852	.1329922	124.0523
Stddev	.0000448	.0000739	1.0534	.0007960	.0003945	.0021478	.8441
%RSD	.8477269	3.862926	.6608639	.7308135	.4901073	1.615013	.6804085
#1	.0053159	.0018903	159.9210	.1096121	.0800706	.1354547	124.5857
#2	.0052376	.0018547	160.0776	.1080466	.0808559	.1315052	124.4919
#3	.0053147	.0019968	158.1799	.1090795	.0805291	.1320168	123.0791

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.318300	51.65078	.1107200	-.022934	.6591772	.1128887	.8042173
Stddev	.027863	.48582	.0001844	.000438	.0076196	.0094137	.0038788
%RSD	.6452315	.9405928	.1665810	1.911509	1.155923	8.338949	.4823050
#1	4.326485	52.02234	.1109022	-.023428	.6679755	.1167916	.8004154
#2	4.341154	51.82897	.1107243	-.022592	.6547783	.1021512	.8040678
#3	4.287261	51.10102	.1105334	-.022781	.6547778	.1197232	.8081687

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.597887	7.755420	.0531029	.0017786	1.010622	8.818782	.0449935
Stddev	.223293	.001670	.0004465	.0003936	.004325	.047429	.0008809
%RSD	2.597072	.0215316	.8408420	22.12639	.4279217	.5378183	1.957863
#1	8.408314	7.755684	.0535713	.0015894	1.006547	8.778565	.0440190
#2	8.541325	7.756941	.0526821	.0015155	1.015159	8.871084	.0457333
#3	8.844022	7.753633	.0530553	.0022311	1.010160	8.806696	.0452282

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: P5079-04 Acquired: 12/27/2024 20:43:26 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLF2 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.7804892	.1021699	.1057402
Stddev	.0079161	.0013025	.0020351
%RSD	1.014248	1.274848	1.924670
#1	.7790753	.1023278	.1069081
#2	.7890170	.1033863	.1033903
#3	.7733753	.1007957	.1069223

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2412.591	30672.67	2429.877	2023.075	1799.761
Stddev	3.438	257.48	1.645	15.874	3.010
%RSD	.1425064	.8394344	.0677161	.7846476	.1672292
#1	2416.534	30387.38	2428.240	2024.218	1802.746
#2	2411.020	30887.79	2431.531	2038.347	1799.809
#3	2410.218	30742.85	2429.860	2006.661	1796.727

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: P5079-05 Acquired: 12/27/2024 20:47:22 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLF3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0731945	-.033614	1.317992	.0431941	-.007601	42.46161
Stddev	.0038377	.004098	.001408	.0029971	.000764	.22612
%RSD	5.243180	12.19106	.1068150	6.938624	10.04766	.5325357
#1	.0712673	-.037779	1.317221	.0412540	-.008472	42.40581
#2	.0707024	-.029587	1.317137	.0416822	-.007286	42.26861
#3	.0776139	-.033475	1.319617	.0466459	-.007046	42.71041

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6967097	.0052204	.0092895	777.8140	.1888937	.0977290
Stddev	.0014391	.0002360	.0000516	3.2935	.0003597	.0004510
%RSD	.2065588	4.520019	.5554375	.4234282	.1904263	.4614392
#1	.6965171	.0049853	.0093444	777.1500	.1892819	.0977521
#2	.6953766	.0052186	.0092822	774.9031	.1885716	.0972670
#3	.6982354	.0054572	.0092420	781.3889	.1888277	.0981680

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3071851	124.1875	7.439938	322.1727	.1580815	-.020529
Stddev	.0028744	.5795	.037568	2.0601	.0000794	.000979
%RSD	.9357369	.4666660	.5049480	.6394532	.0502007	4.767554
#1	.3066502	124.1528	7.438542	320.8728	.1581343	-.021196
#2	.3046156	123.6261	7.403088	321.0974	.1579903	-.020985
#3	.3102894	124.7837	7.478185	324.5480	.1581201	-.019405

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9557647	.1063807	1.620596	9.141014	F 10.82248	.1177879
Stddev	.0331303	.0053633	.010150	.210317	.02076	.0026807
%RSD	3.466366	5.041601	.6263321	2.300809	.1918471	2.275859
#1	.9305231	.1026656	1.609319	9.014291	10.79908	.1191688
#2	.9434904	.1125294	1.629001	9.024961	10.82970	.1146983
#3	.9932805	.1039472	1.623468	9.383789	10.83868	.1194966

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: P5079-05 Acquired: 12/27/2024 20:47:22 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLF3 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0056729	14.68744	7.775087	.0836785	.5904858	.3634181
Stddev	.0003870	.02768	.037157	.0009038	.0048274	.0015093
%RSD	6.822619	.1884545	.4779043	1.080034	.8175303	.4152919
#1	.0059908	14.66611	7.761619	.0830614	.5941399	.3623343
#2	.0057860	14.67750	7.746543	.0832582	.5850133	.3627781
#3	.0052419	14.71872	7.817101	.0847158	.5923043	.3651419

Elem	Li6707
Units	ppm
Avg	.0947351
Stddev	.0020392
%RSD	2.152572
#1	.0968307
#2	.0927573
#3	.0946172

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2178.176	27981.49	2284.493	1837.446	1591.602
Stddev	5.766	53.92	5.044	12.785	4.602
%RSD	.2647054	.1927031	.2207979	.6957984	.2891277
#1	2171.778	28037.28	2290.087	1851.153	1588.731
#2	2182.970	27929.66	2283.101	1825.845	1596.910
#3	2179.779	27977.53	2280.291	1835.338	1589.166

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: P5079-06 Acquired: 12/27/2024 20:51:16 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLF4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0602003	-.023509	.9635483	.0235253	-.024134	31.47387
Stddev	.0010256	.002316	.0017967	.0068822	.003860	.68548
%RSD	1.703715	9.850925	.1864685	29.25445	15.99440	2.177946
#1	.0594417	-.025803	.9653110	.0235732	-.023884	31.83705
#2	.0613672	-.021172	.9617194	.0303833	-.028113	31.90134
#3	.0597919	-.023551	.9636145	.0166192	-.020405	30.68321

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3491022	.0042420	.0080771	F 1646.540	.1139033	.0994288
Stddev	.0073233	.0001155	.0000336	30.225	.0008012	.0001562
%RSD	2.097746	2.723027	.4159396	1.835666	.7034416	.1570737
#1	.3519448	.0042084	.0080386	1672.211	.1133801	.0996091
#2	.3545779	.0043706	.0080922	1654.181	.1135041	.0993390
#3	.3407837	.0041470	.0081006	1613.228	.1148257	.0993382

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1789807	109.3141	8.213865	653.9003	.1299146	-.021505
Stddev	.0003409	1.9942	.159488	11.8145	.0007927	.001326
%RSD	.1904814	1.824268	1.941687	1.806780	.6101632	6.166451
#1	.1793490	110.1897	8.300082	659.3842	.1305843	-.021282
#2	.1786761	110.7207	8.311686	661.9763	.1301202	-.020304
#3	.1789170	107.0319	8.029826	640.3404	.1290394	-.022928

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.596590	.0832462	1.272793	9.577865	6.370418	.1082319
Stddev	.033677	.0058735	.004695	.205468	.001874	.0040123
%RSD	2.109287	7.055564	.3688811	2.145241	.0294161	3.707152
#1	1.588425	.0871514	1.276980	9.725865	6.370736	.1056013
#2	1.633598	.0764915	1.273683	9.664456	6.372112	.1128500
#3	1.567746	.0860957	1.267717	9.343275	6.368405	.1062444

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: P5079-06 Acquired: 12/27/2024 20:51:16 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLF4 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0024285	20.46066	6.581888	.0563995	.3629190	.6612230
Stddev	.0006795	.00652	.106443	.0024585	.0118567	.0124838
%RSD	27.98095	.0318609	1.617208	4.359094	3.267025	1.887989
#1	.0018903	20.46720	6.666652	.0538015	.3578134	.6691506
#2	.0031920	20.46062	6.616586	.0567074	.3764732	.6676855
#3	.0022030	20.45416	6.462425	.0586896	.3544704	.6468327

Elem	Li6707
Units	ppm
Avg	.1016008
Stddev	.0030130
%RSD	2.965567
#1	.1009835
#2	.0989442
#3	.1048747

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2042.154	26216.39	2211.926	1707.095	1460.918
Stddev	1.699	89.83	37.908	11.284	1.204
%RSD	.0831814	.3426648	1.713815	.6609850	.0824252
#1	2040.810	26118.04	2183.892	1694.192	1460.209
#2	2044.064	26237.03	2196.829	1711.979	1462.308
#3	2041.589	26294.12	2255.057	1715.113	1460.237

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: P5079-07 Acquired: 12/27/2024 20:55:19 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLF5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1241260	-.045819	1.748268	.0607446	-.006960	58.53769
Stddev	.0028905	.000862	.002159	.0064832	.002284	.11896
%RSD	2.328711	1.880930	.1235010	10.67294	32.81481	.2032215
#1	.1256215	-.044877	1.747071	.0572558	-.009169	58.60997
#2	.1207941	-.046569	1.746973	.0682251	-.007102	58.40039
#3	.1259623	-.046010	1.750761	.0567528	-.004608	58.60270

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.045499	.0065447	.0083659	450.9525	.2428110	.1143076
Stddev	.001779	.0000146	.0000616	.8930	.0010624	.0005925
%RSD	.1701298	.2225235	.7364024	.1980357	.4375376	.5183052
#1	1.047548	.0065492	.0084359	451.4399	.2439540	.1146254
#2	1.044353	.0065564	.0083199	449.9218	.2418536	.1146734
#3	1.044596	.0065284	.0083419	451.4958	.2426256	.1136241

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3091975	147.9286	9.098431	146.3607	.2007078	-.026436
Stddev	.0178112	.3107	.019342	.4317	.0003290	.000955
%RSD	5.760447	.2100228	.2125895	.2949865	.1639376	3.613277
#1	.2947958	148.2169	9.117817	146.5544	.2006095	-.025626
#2	.3036829	147.5996	9.079133	145.8660	.2004391	-.027489
#3	.3291137	147.9694	9.098343	146.6617	.2010748	-.026193

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8443372	.1549286	1.372792	10.61815	F 12.76644	.0765823
Stddev	.0047281	.0084421	.002337	.10727	.02778	.0015360
%RSD	.5599810	5.449038	.1702262	1.010288	.2176060	2.005659
#1	.8476058	.1527702	1.375313	10.54607	12.79703	.0758259
#2	.8464900	.1477752	1.372364	10.74143	12.74279	.0755711
#3	.8389157	.1642403	1.370699	10.56695	12.75950	.0783497

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: P5079-07 Acquired: 12/27/2024 20:55:19 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLF5 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0052247	5.215002	8.374339	.0940061	.8444268	.2573052
Stddev	.0003412	.014561	.057945	.0012634	.0060152	.0002683
%RSD	6.530896	.2792147	.6919390	1.343935	.7123373	.1042894
#1	.0055915	5.230652	8.328350	.0951762	.8440673	.2571415
#2	.0049167	5.201854	8.439421	.0941756	.8506137	.2576149
#3	.0051659	5.212500	8.355245	.0926665	.8385995	.2571591

Elem	Li6707
Units	ppm
Avg	.1185473
Stddev	.0024869
%RSD	2.097800
#1	.1158486
#2	.1190467
#3	.1207466

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2364.173	30071.45	2422.909	1982.767	1659.208
Stddev	1.319	69.93	10.210	6.870	1.435
%RSD	.0557942	.2325446	.4213826	.3465010	.0865074
#1	2365.036	30009.78	2432.901	1975.507	1660.863
#2	2364.830	30147.43	2412.495	1989.167	1658.301
#3	2362.655	30057.15	2423.329	1983.628	1658.461

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: P5079-08 Acquired: 12/27/2024 20:59:12 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLF6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1254601	-.047513	1.675205	.0633597	-.002244	57.93722
Stddev	.0017060	.002040	.002562	.0055376	.000948	.17766
%RSD	1.359766	4.293432	.1529243	8.739901	42.23642	.3066377
#1	.1239120	-.045530	1.672247	.0679015	-.001991	57.88910
#2	.1251791	-.047403	1.676702	.0649865	-.001448	57.78857
#3	.1272891	-.049606	1.676665	.0571909	-.003292	58.13398

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.148022	.0068722	.0080044	226.4990	.2737286	.1100427
Stddev	.002022	.0001081	.0000289	.2491	.0016713	.0005895
%RSD	.1760961	1.572915	.3617106	.1099600	.6105711	.5356607
#1	1.149298	.0068006	.0079749	226.3658	.2727649	.1093666
#2	1.145691	.0068195	.0080053	226.3449	.2756584	.1103134
#3	1.149077	.0069965	.0080328	226.7863	.2727624	.1104482

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3202177	153.7510	7.422771	67.10563	.1925181	-.027072
Stddev	.0054805	.3191	.014777	.14141	.0007880	.000308
%RSD	1.711499	.2075478	.1990712	.2107296	.4093289	1.136245
#1	.3163604	153.6531	7.437326	67.24558	.1931715	-.027330
#2	.3178016	153.4922	7.407783	66.96280	.1916430	-.027155
#3	.3264911	154.1075	7.423203	67.10851	.1927398	-.026731

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7236597	.1479903	1.266242	9.581380	F 12.83391	.0690567
Stddev	.0073945	.0085807	.002825	.108106	.01852	.0010731
%RSD	1.021824	5.798168	.2230940	1.128296	.1443085	1.554001
#1	.7320738	.1483190	1.269438	9.538503	12.85314	.0686239
#2	.7207101	.1564020	1.264081	9.704347	12.81619	.0702787
#3	.7181952	.1392500	1.265205	9.501289	12.83241	.0682675

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: P5079-08 Acquired: 12/27/2024 20:59:12 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLF6 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0052405	3.167645	8.121553	.0882192	.7877717	.1448573
Stddev	.0004247	.009333	.051667	.0009792	.0046523	.0001937
%RSD	8.104954	.2946293	.6361767	1.109992	.5905621	.1337344
#1	.0050274	3.178152	8.115519	.0877053	.7825625	.1446397
#2	.0057296	3.160318	8.073167	.0893484	.7892396	.1449216
#3	.0049645	3.164466	8.175972	.0876039	.7915129	.1450108

Elem	Li6707
Units	ppm
Avg	.1142481
Stddev	.0020735
%RSD	1.814903
#1	.1163893
#2	.1141054
#3	.1122497

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2460.456	31436.67	2478.672	2086.999	1770.788
Stddev	4.308	87.53	20.338	10.607	1.222
%RSD	.1750920	.2784442	.8205102	.5082186	.0690225
#1	2462.306	31412.75	2476.692	2079.871	1769.405
#2	2463.531	31533.68	2499.927	2099.188	1771.238
#3	2455.532	31363.58	2459.396	2081.939	1771.721

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: P5079-09 Acquired: 12/27/2024 21:03:05 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLF7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1028126	-.050082	.7783068	.0790530	.0001292	64.76996
Stddev	.0019890	.003315	.0016880	.0017691	.0028336	.15934
%RSD	1.934630	6.618391	.2168757	2.237936	2193.856	.2460022
#1	.1049400	-.046347	.7773497	.0770370	.0022202	64.62434
#2	.1024984	-.052673	.7802558	.0803470	-.003096	64.74539
#3	.1009993	-.051227	.7773149	.0797749	.001263	64.94015

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.205850	.0069072	.0054811	128.9429	.1373592	.1088574
Stddev	.002426	.0001003	.0001353	.4134	.0003166	.0003987
%RSD	.2012165	1.451478	2.468910	.3206171	.2304931	.3662305
#1	1.205178	.0070197	.0053320	129.2358	.1376365	.1083990
#2	1.208542	.0068747	.0055962	128.4700	.1374270	.1091238
#3	1.203831	.0068272	.0055150	129.1228	.1370143	.1090494

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2516944	156.1724	13.23677	36.19963	.1620957	-.028696
Stddev	.0084463	.2121	.04482	.13815	.0010833	.000762
%RSD	3.355782	.1357905	.3385898	.3816460	.6682788	2.655409
#1	.2609650	156.0814	13.21579	36.30410	.1632487	-.029558
#2	.2444358	156.0210	13.20628	36.04299	.1619395	-.028414
#3	.2496824	156.4147	13.28823	36.25181	.1610991	-.028114

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4563427	.1597300	.8182982	7.897849	F 12.39699	.0602345
Stddev	.0283456	.0040390	.0009854	.056228	.00969	.0021720
%RSD	6.211466	2.528621	.1204191	.7119386	.0781738	3.605850
#1	.4270256	.1635975	.8182922	7.885719	12.38597	.0601656
#2	.4836049	.1600534	.8192867	7.848676	12.40079	.0624401
#3	.4583977	.1555390	.8173159	7.959151	12.40420	.0580978

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: P5079-09 Acquired: 12/27/2024 21:03:05 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLF7 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0043299	2.582875	8.576471	.0546356	.6614993	.0682444
Stddev	.0006382	.004013	.099909	.0017796	.0031900	.0013125
%RSD	14.73918	.1553563	1.164923	3.257286	.4822419	1.923200
#1	.0041309	2.578253	8.616083	.0526376	.6578527	.0697506
#2	.0038148	2.584905	8.462830	.0560506	.6628716	.0673463
#3	.0050438	2.585468	8.650501	.0552185	.6637735	.0676362

Elem	Li6707
Units	ppm
Avg	.1191124
Stddev	.0020749
%RSD	1.741941
#1	.1188247
#2	.1171964
#3	.1213161

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2638.873	33520.18	2637.182	2224.738	1813.051
Stddev	7.274	179.31	20.736	14.206	5.867
%RSD	.2756499	.5349371	.7862942	.6385481	.3235904
#1	2646.848	33564.54	2631.387	2226.755	1816.945
#2	2632.602	33322.85	2660.199	2209.631	1806.303
#3	2637.169	33673.15	2619.960	2237.827	1815.904

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: P5079-13 Acquired: 12/27/2024 21:07:00 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLF9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1065466	-.044167	.1923937	.0801441	-.004681	60.71883
Stddev	.0028935	.001428	.0058766	.0030823	.001897	.36207
%RSD	2.715730	3.232608	3.054464	3.845926	40.52737	.5963105
#1	.1095789	-.042685	.1857065	.0824490	-.004101	60.55801
#2	.1038154	-.044282	.1967353	.0766431	-.006800	61.13346
#3	.1062455	-.045533	.1947392	.0813404	-.003141	60.46503

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.664732	.0064074	.0044201	437.0150	.0979671	.1303047
Stddev	.008100	.0002423	.0001793	.8217	.0011255	.0023091
%RSD	.4865928	3.782164	4.055535	.1880253	1.148801	1.772047
#1	1.661892	.0062397	.0042147	437.1957	.0966834	.1276546
#2	1.673871	.0066852	.0045003	437.7313	.0987844	.1318835
#3	1.658435	.0062972	.0045452	436.1180	.0984335	.1313760

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3303840	174.9008	19.22978	107.6523	.2311086	-.032892
Stddev	.0059826	.3801	.10837	.3935	.0042528	.001258
%RSD	1.810816	.2173164	.5635669	.3655179	1.840185	3.825822
#1	.3321399	174.8153	19.19610	107.9027	.2262817	-.032738
#2	.3237199	175.3163	19.35099	107.8554	.2343044	-.031718
#3	.3352922	174.5707	19.14225	107.1988	.2327398	-.034220

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8798523	.1485657	.4288975	10.42847	F 11.19596	.0702037
Stddev	.0118355	.0056303	.0009182	.01437	.22383	.0019537
%RSD	1.345172	3.789802	.2140871	.1377894	1.999185	2.782966
#1	.8853329	.1436089	.4298554	10.41533	10.94479	.0680079
#2	.8879541	.1474008	.4288121	10.44381	11.37433	.0717500
#3	.8662698	.1546873	.4280249	10.42626	11.26875	.0708531

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: P5079-13 Acquired: 12/27/2024 21:07:00 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLF9 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0028876	.8354755	7.336254	.0290045	.7186921	.2009613
Stddev	.0005832	.0184298	.067341	.0023895	.0024794	.0008154
%RSD	20.19530	2.205899	.9179253	8.238333	.3449892	.4057708
#1	.0022144	.8141948	7.412065	.0270586	.7207496	.2010475
#2	.0032374	.8460640	7.283370	.0282833	.7193875	.2001061
#3	.0032110	.8461679	7.313326	.0316715	.7159393	.2017302

Elem	Li6707
Units	ppm
Avg	.1382170
Stddev	.0031757
%RSD	2.297589
#1	.1416292
#2	.1376737
#3	.1353480

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2541.286	32464.80	2597.486	2145.500	1693.279
Stddev	32.895	257.84	13.331	14.213	29.230
%RSD	1.294429	.7942077	.5132289	.6624717	1.726253
#1	2578.610	32570.52	2585.067	2157.295	1726.403
#2	2516.521	32170.90	2595.819	2129.719	1671.107
#3	2528.725	32652.97	2611.572	2149.487	1682.325

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: P5079-14 Acquired: 12/27/2024 21:10:57 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLG7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1149747	-.052596	1.250360	.0752034	.0060561	67.10476
Stddev	.0077074	.004418	.001716	.0027266	.0006566	.06456
%RSD	6.703526	8.399796	.1372550	3.625667	10.84196	.0962054
#1	.1176945	-.047872	1.249633	.0771295	.0053369	67.08942
#2	.1209534	-.056625	1.252320	.0720835	.0062078	67.17560
#3	.1062762	-.053290	1.249127	.0763973	.0066236	67.04924

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.199710	.0067352	.0067491	63.18012	.1908949	.0886907
Stddev	.004445	.0001742	.0001725	.08936	.0004967	.0002716
%RSD	.3705293	2.586693	2.555929	.1414400	.2602128	.3061761
#1	1.204830	.0068804	.0065695	63.28208	.1910723	.0888350
#2	1.197461	.0065420	.0069135	63.11540	.1903338	.0888597
#3	1.196839	.0067832	.0067644	63.14288	.1912785	.0883775

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3074494	141.1821	7.045215	25.62251	.1676168	-.024223
Stddev	.0076721	.3686	.008337	.06703	.0003894	.001442
%RSD	2.495394	.2610568	.1183301	.2615872	.2322954	5.951386
#1	.3134759	141.6052	7.037061	25.69095	.1673377	-.025139
#2	.2988128	141.0105	7.053723	25.55700	.1680616	-.022561
#3	.3100596	140.9306	7.044861	25.61958	.1674512	-.024970

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3980678	.1438748	1.433394	9.678849	F 14.63478	.0593244
Stddev	.0045505	.0061747	.003375	.035459	.01859	.0010265
%RSD	1.143148	4.291703	.2354704	.3663553	.1270270	1.730279
#1	.3972566	.1508680	1.431939	9.646907	14.62352	.0604677
#2	.3939775	.1415818	1.437253	9.717004	14.62458	.0590234
#3	.4029694	.1391747	1.430990	9.672637	14.65624	.0584820

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: P5079-14 Acquired: 12/27/2024 21:10:57 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLG7 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0056379	4.419491	9.058470	.0722609	.8955305	.0181354
Stddev	.0003538	.007701	.043592	.0024849	.0025549	.0001589
%RSD	6.275738	.1742466	.4812336	3.438738	.2852926	.8762408
#1	.0052450	4.414270	9.086563	.0749859	.8962822	.0183020
#2	.0059314	4.415868	9.080595	.0701203	.8926841	.0179855
#3	.0057375	4.428335	9.008252	.0716766	.8976252	.0181187

Elem	Li6707
Units	ppm
Avg	.1079730
Stddev	.0014815
%RSD	1.372060
#1	.1063647
#2	.1082727
#3	.1092817

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2541.368	32313.57	2512.623	2140.990	1865.977
Stddev	6.303	184.32	9.243	11.154	5.615
%RSD	.2480175	.5704135	.3678671	.5209756	.3009226
#1	2546.529	32518.40	2512.735	2151.053	1871.129
#2	2534.343	32161.09	2503.325	2128.997	1859.992
#3	2543.230	32261.22	2521.810	2142.920	1866.809

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: P5079-15 Acquired: 12/27/2024 21:14:53 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLG8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1334762	-.062545	1.368003	.0879879	.0142237	69.53852
Stddev	.0003552	.003426	.003391	.0023462	.0019239	.50913
%RSD	.2660922	5.478067	.2479107	2.666562	13.52604	.7321611
#1	.1333188	-.059994	1.364337	.0863168	.0164429	69.18163
#2	.1332269	-.061201	1.371029	.0906702	.0132009	69.31237
#3	.1338829	-.066439	1.368643	.0869768	.0130272	70.12155

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.523153	.0072314	.0078782	50.65413	.1925489	.0973934
Stddev	.009691	.0002730	.0000224	.32718	.0008779	.0001961
%RSD	.6362320	3.775037	.2842779	.6459045	.4559531	.2013918
#1	1.515343	.0072214	.0079040	50.46401	.1932309	.0976101
#2	1.520116	.0069636	.0078636	50.46645	.1928575	.0973420
#3	1.533998	.0075093	.0078671	51.03192	.1915583	.0972280

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3160989	156.0243	9.863092	23.70667	.1855725	-.026771
Stddev	.0083910	1.1005	.059440	.24683	.0002046	.000711
%RSD	2.654544	.7053537	.6026550	1.041180	.1102447	2.656910
#1	.3085444	155.3164	9.817540	23.62096	.1857348	-.027592
#2	.3146220	155.4643	9.841406	23.51413	.1853427	-.026365
#3	.3251303	157.2922	9.930331	23.98493	.1856400	-.026356

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3706939	.1723852	1.485981	9.295852	F 13.59399	.0611695
Stddev	.0149523	.0142529	.005453	.072711	.02116	.0044605
%RSD	4.033595	8.268064	.3669715	.7821910	.1556752	7.292063
#1	.3567814	.1772009	1.491651	9.221046	13.59101	.0591947
#2	.3687957	.1563482	1.480774	9.300238	13.57447	.0580373
#3	.3865047	.1836064	1.485518	9.366271	13.61648	.0662766

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: P5079-15 Acquired: 12/27/2024 21:14:53 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLG8 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0094001	4.004987	8.897335	.0618839	1.006503	-.005466
Stddev	.0002544	.002056	.046400	.0010414	.002316	.000402
%RSD	2.706875	.0513272	.5215087	1.682829	.2301522	7.349857
#1	.0095848	4.002887	8.911934	.0611016	1.009009	-.005407
#2	.0091099	4.006995	8.845391	.0630659	1.006062	-.005097
#3	.0095057	4.005080	8.934681	.0614841	1.004439	-.005894

Elem	Li6707
Units	ppm
Avg	.1120124
Stddev	.0030450
%RSD	2.718440
#1	.1155224
#2	.1104368
#3	.1100781

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2540.565	32399.72	2503.545	2148.604	1845.515
Stddev	1.489	45.04	10.773	1.083	.904
%RSD	.0585900	.1390104	.4303271	.0504219	.0489647
#1	2542.224	32362.12	2508.837	2149.600	1846.512
#2	2539.348	32387.41	2510.649	2148.762	1845.281
#3	2540.122	32449.64	2491.149	2147.451	1844.751

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: P5079-16 Acquired: 12/27/2024 21:18:48 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLG9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1040014	-.053450	1.016610	.0775537	.0071745	72.94556
Stddev	.0047146	.002990	.001820	.0021203	.0011883	.18616
%RSD	4.533192	5.593236	.1790242	2.733947	16.56255	.2552089
#1	.1083304	-.054693	1.017626	.0772407	.0066894	73.15464
#2	.1046954	-.050039	1.017695	.0798131	.0085286	72.88429
#3	.0989782	-.055617	1.014509	.0756073	.0063055	72.79775

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.285762	.0069467	.0054640	45.43297	.1606066	.0866733
Stddev	.003770	.0000666	.0000511	.21388	.0011032	.0005645
%RSD	.2932486	.9588045	.9346703	.4707700	.6869127	.6512643
#1	1.284304	.0070138	.0055010	45.66006	.1615964	.0867002
#2	1.290044	.0068806	.0054057	45.23535	.1594172	.0872239
#3	1.282939	.0069457	.0054852	45.40350	.1608063	.0860959

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2860275	140.6191	6.981794	24.08867	.1595948	-.024637
Stddev	.0053422	.4042	.026234	.10573	.0008208	.000782
%RSD	1.867714	.2874708	.3757472	.4389356	.5143228	3.174150
#1	.2905688	141.0856	6.996958	24.12220	.1586526	-.025522
#2	.2801414	140.3989	6.996921	24.17358	.1599767	-.024350
#3	.2873723	140.3727	6.951502	23.97024	.1601551	-.024038

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3730204	.1547273	1.177576	8.262198	F 12.86853	.0577658
Stddev	.0142487	.0047382	.004333	.090576	.01627	.0011980
%RSD	3.819813	3.062257	.3679958	1.096267	.1264180	2.073896
#1	.3882941	.1531546	1.173865	8.366776	12.85038	.0566465
#2	.3600864	.1600519	1.182338	8.208663	12.88181	.0590294
#3	.3706807	.1509755	1.176525	8.211155	12.87338	.0576213

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: P5079-16 Acquired: 12/27/2024 21:18:48 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLG9 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0044505	3.475182	9.336630	.0724696	1.001179	.0022841
Stddev	.0005191	.004123	.062888	.0008003	.001898	.0004939
%RSD	11.66277	.1186303	.6735585	1.104340	.1896103	21.62183
#1	.0045453	3.477877	9.397852	.0729476	1.002223	.0021602
#2	.0038906	3.470436	9.272200	.0729155	.998988	.0018639
#3	.0049157	3.477232	9.339839	.0715457	1.002326	.0028280

Elem	Li6707
Units	ppm
Avg	.1193382
Stddev	.0021482
%RSD	1.800119
#1	.1174617
#2	.1216814
#3	.1188714

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2526.371	32079.32	2479.634	2129.493	1829.505
Stddev	5.650	150.28	22.850	9.741	4.730
%RSD	.2236605	.4684534	.9215176	.4574558	.2585619
#1	2521.614	31911.03	2453.551	2123.005	1826.439
#2	2524.883	32126.83	2496.122	2124.779	1827.122
#3	2532.617	32200.10	2489.229	2140.694	1834.953

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: P5079-17 Acquired: 12/27/2024 21:22:44 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLH0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0839285	-.053695	.4431146	.0748072	.0072770	76.84580
Stddev	.0060530	.002008	.0015117	.0035702	.0020036	.23815
%RSD	7.212094	3.739192	.3411616	4.772564	27.53253	.3099091
#1	.0856000	-.053342	.4416106	.0720258	.0085929	76.77526
#2	.0889701	-.051887	.4430991	.0788331	.0082670	76.65088
#3	.0772154	-.055855	.4446340	.0735627	.0049712	77.11125

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.141574	.0067797	.0040761	44.77055	.1185416	.0827938
Stddev	.005188	.0002847	.0000697	.06895	.0006486	.0006919
%RSD	.4544625	4.199232	1.709040	.1539979	.5471557	.8357208
#1	1.136058	.0067345	.0041391	44.77918	.1192189	.0825433
#2	1.142306	.0065204	.0040881	44.69770	.1184798	.0835761
#3	1.146357	.0070844	.0040013	44.83478	.1179261	.0822620

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2423666	136.9668	6.277763	25.18661	.1326077	-.023856
Stddev	.0069129	.6323	.025349	.15028	.0004590	.000771
%RSD	2.852235	.4616704	.4037874	.5966630	.3461641	3.229822
#1	.2484381	136.8281	6.276867	25.20437	.1327961	-.023156
#2	.2348431	136.4153	6.252875	25.02823	.1329426	-.023730
#3	.2438187	137.6570	6.303548	25.32721	.1320844	-.024682

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3793956	.1405323	.8766544	7.871533	F 11.46814	.0580037
Stddev	.0189203	.0070118	.0019439	.087118	.01614	.0013174
%RSD	4.986969	4.989431	.2217434	1.106753	.1407160	2.271295
#1	.3681146	.1485071	.8769681	7.933433	11.48012	.0584354
#2	.3688331	.1377560	.8784224	7.771910	11.44979	.0590511
#3	.4012389	.1353337	.8745727	7.909255	11.47452	.0565246

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: P5079-17 Acquired: 12/27/2024 21:22:44 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLH0 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0031648	3.400121	9.154147	.0367270	.7882449	-.005954
Stddev	.0003207	.018273	.082007	.0006458	.0020812	.000445
%RSD	10.13265	.5374213	.8958481	1.758283	.2640336	7.468982
#1	.0033748	3.411898	9.126135	.0374047	.7858471	-.006109
#2	.0033239	3.409393	9.089816	.0361188	.7893055	-.005452
#3	.0027957	3.379071	9.246490	.0366574	.7895823	-.006299

Elem	Li6707
Units	ppm
Avg	.1188784
Stddev	.0011243
%RSD	.9457549
#1	.1184275
#2	.1201582
#3	.1180496

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2621.337	33563.18	2607.187	2226.499	1869.740
Stddev	2.685	221.01	12.232	11.364	2.613
%RSD	.1024431	.6585020	.4691811	.5103875	.1397529
#1	2618.388	33441.13	2614.053	2221.810	1867.368
#2	2623.642	33430.11	2614.444	2218.230	1872.541
#3	2621.982	33818.31	2593.064	2239.457	1869.311

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: P5079-18 Acquired: 12/27/2024 21:26:39 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLH1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1144098	-.084672	.3526550	.1227228	.0166674	83.66539
Stddev	.0027703	.002208	.0014414	.0021232	.0005269	.28976
%RSD	2.421389	2.608226	.4087251	1.730069	3.161291	.3463263
#1	.1117395	-.084523	.3520032	.1228675	.0161933	83.33647
#2	.1142195	-.086951	.3516547	.1247699	.0165742	83.77682
#3	.1172703	-.082542	.3543072	.1205309	.0172347	83.88289

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.847499	.0082018	.0060536	43.55054	.1390997	.1305416
Stddev	.005513	.0000765	.0000515	.10735	.0009115	.0009466
%RSD	.2984048	.9324507	.8505812	.2465004	.6553070	.7251257
#1	1.841948	.0081287	.0060739	43.46289	.1380869	.1315972
#2	1.847575	.0082813	.0060920	43.67027	.1393580	.1297681
#3	1.852973	.0081954	.0059951	43.51844	.1398543	.1302595

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1736128	211.3582	12.28287	30.87458	.1873146	-.038753
Stddev	.0077330	.8534	.05850	.17535	.0016121	.000521
%RSD	4.454166	.4037772	.4762675	.5679294	.8606257	1.345659
#1	.1647593	210.3732	12.22268	30.70585	.1890138	-.038252
#2	.1790449	211.8247	12.33952	30.86204	.1858067	-.039293
#3	.1770341	211.8766	12.28640	31.05586	.1871234	-.038716

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4924545	.2024405	1.100791	8.641232	F 12.42577	.0579836
Stddev	.0144668	.0099798	.004924	.015840	.03486	.0027567
%RSD	2.937693	4.929727	.4473480	.1833071	.2805072	4.754243
#1	.4867460	.1935375	1.101662	8.655700	12.46387	.0606909
#2	.4817129	.2132283	1.095489	8.624307	12.39549	.0551801
#3	.5089046	.2005559	1.105222	8.643691	12.41795	.0580800

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: P5079-18 Acquired: 12/27/2024 21:26:39 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLH1 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0039721	2.211427	9.015083	.0372648	.9468860	-.074837
Stddev	.0005839	.016432	.025206	.0004461	.0029274	.000246
%RSD	14.69920	.7430618	.2795981	1.197111	.3091602	.3293554
#1	.0033109	2.230332	9.027960	.0376719	.9445268	-.074630
#2	.0044170	2.203381	9.031249	.0367879	.9459691	-.075109
#3	.0041883	2.200568	8.986040	.0373347	.9501621	-.074771

Elem	Li6707
Units	ppm
Avg	.1440478
Stddev	.0038086
%RSD	2.643949
#1	.1484452
#2	.1418976
#3	.1418006

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2671.294	33979.14	2655.937	2257.378	1839.850
Stddev	2.184	57.10	5.186	13.276	3.199
%RSD	.0817631	.1680530	.1952612	.5881057	.1738724
#1	2668.926	33987.43	2660.312	2263.208	1836.194
#2	2671.728	34031.64	2657.290	2266.742	1841.218
#3	2673.229	33918.34	2650.209	2242.185	1842.137

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: CCV024 Acquired: 12/27/2024 21:30:35 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV024 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.890412	4.614746	23.54728	4.642067	4.576084	385.5430	9.835547
Stddev	.013239	.006864	.02415	.001131	.001216	1.3521	.022373
%RSD	.2707190	.1487487	.1025633	.0243702	.0265710	.3507087	.2274711
#1	4.899106	4.619036	23.52587	4.643171	4.577372	384.8726	9.826652
#2	4.875175	4.606829	23.54250	4.642120	4.575926	384.6570	9.818990
#3	4.896955	4.618372	23.57346	4.640910	4.574955	387.0993	9.861000

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4916803	2.376433	390.5129	14.77392	2.388901	14.54312	390.7981
Stddev	.0032895	.002700	.5782	.01189	.002088	.05474	.8706
%RSD	.6690312	.1136099	.1480657	.0805061	.0873898	.3764147	.2227677
#1	.4946102	2.373785	390.4639	14.76247	2.387943	14.51983	390.6484
#2	.4923088	2.376332	389.9608	14.77309	2.387464	14.50387	390.0120
#3	.4881219	2.379182	391.1141	14.78621	2.391295	14.60566	391.7338

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.48237	391.6674	2.375572	1.162343	397.7124	2.414102	13.91801
Stddev	.06407	1.3566	.002611	.005181	3.3640	.016576	.07626
%RSD	.4423905	.3463545	.1099092	.4457098	.8458288	.6866382	.5479566
#1	14.47750	392.0518	2.374535	1.156924	400.9377	2.412665	13.84023
#2	14.42088	390.1601	2.373639	1.167247	397.9745	2.398292	13.92114
#3	14.54874	392.7902	2.378542	1.162859	394.2251	2.431350	13.99266

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	150.7670	4.756176	4.764667	4.539696	4.795511	4.836440	4.791284
Stddev	.2304	.009648	.032676	.002866	.009892	.030862	.007001
%RSD	.1528472	.2028571	.6857888	.0631403	.2062858	.6381070	.1461129
#1	150.5187	4.745128	4.800146	4.540287	4.787381	4.870161	4.789368
#2	150.8083	4.760457	4.758045	4.536580	4.792628	4.829560	4.785441
#3	150.9740	4.762944	4.735809	4.542221	4.806525	4.809599	4.799044

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: CCV024 Acquired: 12/27/2024 21:30:35 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV024 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	4.903054	4.616126	5.047126
Stddev	.022570	.003224	.019746
%RSD	.4603235	.0698417	.3912253
#1	4.895922	4.612405	5.039499
#2	4.884912	4.617901	5.032331
#3	4.928329	4.618073	5.069548

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1737.688	24008.92	1998.599	1449.767	1569.654
Stddev	5.122	23.78	13.067	6.519	5.117
%RSD	.2947509	.0990439	.6538255	.4496275	.3260055
#1	1740.069	24000.31	1984.177	1453.299	1573.341
#2	1731.808	24035.81	2001.968	1453.757	1563.811
#3	1741.185	23990.65	2009.652	1442.245	1571.809

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: CCB024 Acquired: 12/27/2024 21:34:28 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB024 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0032585	-.000533	.0021377	.0002383	-.001330	.0231010
Stddev	.0034704	.002227	.0017221	.0026016	.002852	.0541553
%RSD	106.5030	417.7421	80.55910	1091.773	214.3770	234.4284
#1	.0066106	-.000858	.0038066	.0021168	-.002606	.0856233
#2	.0034840	-.002580	.0022398	.0013293	-.003322	-.009170
#3	-.000319	.001839	.0003668	-.002731	.001937	-.007151

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.005876	.0000332	.0000071	.0264668	-.001734	.0001475
Stddev	.001622	.0001264	.0000347	.0015679	.000892	.0001938
%RSD	27.60147	381.0804	485.8705	5.924068	51.42933	131.3613
#1	-.005920	-.000090	-.000027	.0280679	-.002299	-.000039
#2	-.004232	.000163	.000042	.0263982	-.000706	.000348
#3	-.007475	.000026	.000007	.0249343	-.002197	.000133

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.012821	.0244380	.0022949	.1010899	-.000012	.0003001
Stddev	.007001	.0233050	.0004139	.0038694	.000396	.0002527
%RSD	54.60864	95.36382	18.03734	3.827697	3211.288	84.19576
#1	-.014557	.0443767	.0027486	.0967106	.000427	.0001937
#2	-.005115	-.001183	.0019378	.1025121	-.000123	.0005887
#3	-.018791	.030120	.0021983	.1040469	-.000340	.0001181

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0513323	.0014475	.0306684	.4672603	-.001405	.0069741
Stddev	.0356908	.0060422	.0004021	.1396519	.000411	.0015673
%RSD	69.52891	417.4225	1.310989	29.88738	29.23177	22.47307
#1	.0335670	.0024174	.0309756	.6161593	-.000956	.0080100
#2	.0924195	-.005021	.0308163	.3391967	-.001761	.0077413
#3	.0280105	.006946	.0302133	.4464250	-.001498	.0051710

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: CCB024 Acquired: 12/27/2024 21:34:28 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB024 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003591	-.007971	-.002178	-.003091	-.002524	-.000368
Stddev	.0004285	.001554	.001710	.000262	.002476	.000278
%RSD	119.3129	19.49046	78.54051	8.492790	98.09379	75.58782
#1	.0003814	-.006278	-.002069	-.002824	.000184	-.000598
#2	.0007760	-.008305	-.003940	-.003349	-.003083	-.000059
#3	-.000080	-.009331	-.000524	-.003099	-.004672	-.000446

Elem	Li6707
Units	ppm
Avg	F .0350219
Stddev	.0026847
%RSD	7.665740
#1	.0319644
#2	.0369939
#3	.0361073

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2152.499	27278.72	2087.196	1816.869	1949.564
Stddev	4.886	69.70	29.462	8.850	3.680
%RSD	.2269874	.2555280	1.411548	.4871027	.1887837
#1	2147.377	27212.22	2105.017	1812.585	1945.941
#2	2153.013	27272.71	2103.380	1810.976	1949.452
#3	2157.108	27351.24	2053.189	1827.045	1953.299

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: P5079-19 Acquired: 12/27/2024 21:38:34 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLH2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0637324	-.059654	.2267220	.0666871	.0029875	53.90711	.7002874
Stddev	.0018734	.002860	.0014726	.0029705	.0028433	1.21751	.0143107
%RSD	2.939489	4.793553	.6495108	4.454330	95.17245	2.258529	2.043543
#1	.0615822	-.061471	.2278779	.0637955	.0014874	52.54390	.6841581
#2	.0646030	-.056358	.2250640	.0665350	.0062667	54.88631	.7114634
#3	.0650122	-.061133	.2272240	.0697306	.0012085	54.29111	.7052407

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0057842	.0021076	74.39628	.0902012	.0829290	.1113895	143.0001
Stddev	.0001841	.0000524	1.47536	.0006266	.0005108	.0091876	3.0336
%RSD	3.181909	2.486829	1.983112	.6946461	.6159756	8.248137	2.121415
#1	.0058443	.0021668	72.76338	.0905229	.0831082	.1088749	139.6426
#2	.0059306	.0020672	75.63336	.0894791	.0823527	.1037211	145.5438
#3	.0055775	.0020887	74.79210	.0906017	.0833260	.1215726	143.8139

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.906711	26.99931	.1120700	-.027113	.5064805	.1353044	.6389314
Stddev	.078932	.64341	.0008102	.001016	.0031344	.0163713	.0026193
%RSD	2.020424	2.383065	.7229795	3.745828	.6188558	12.09957	.4099533
#1	3.819837	26.25839	.1123170	-.026514	.5036824	.1172861	.6370341
#2	3.974022	27.41720	.1127281	-.026540	.5058916	.1492656	.6378402
#3	3.926274	27.32236	.1111651	-.028286	.5098676	.1393614	.6419200

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.425220	8.691828	.0504593	.0025743	1.202142	7.977525	.0291926
Stddev	.056816	.018000	.0027394	.0001889	.004758	.089304	.0020624
%RSD	.7651792	.2070966	5.428989	7.337957	.3958320	1.119441	7.064877
#1	7.360409	8.699500	.0480723	.0024704	1.206414	7.874427	.0282418
#2	7.466441	8.671263	.0534503	.0024602	1.197013	8.027304	.0315589
#3	7.448810	8.704722	.0498552	.0027924	1.202999	8.030845	.0277771

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: P5079-19 Acquired: 12/27/2024 21:38:34 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLH2 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.7752397	-.026985	.1026860
Stddev	.0165780	.000926	.0020714
%RSD	2.138429	3.433266	2.017172
#1	.7565723	-.025967	.1045832
#2	.7882441	-.027778	.1004761
#3	.7809026	-.027211	.1029987

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2485.570	31702.29	2474.782	2101.005	1859.947
Stddev	4.066	175.77	29.325	14.380	2.353
%RSD	.1635906	.5544258	1.184951	.6844244	.1265041
#1	2487.833	31876.71	2508.134	2116.701	1860.601
#2	2488.001	31704.96	2453.041	2097.850	1861.904
#3	2480.876	31525.21	2463.169	2088.465	1857.336

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: P5079-20 Acquired: 12/27/2024 21:42:30 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLH3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0772581	-.061419	.2327504	.0734308	-.003991	62.09191	.7075120
Stddev	.0022600	.003197	.0026669	.0015746	.001421	.07614	.0035746
%RSD	2.925260	5.205045	1.145807	2.144323	35.61126	.1226209	.5052291
#1	.0790269	-.062764	.2303291	.0750234	-.004467	62.04098	.7059838
#2	.0780352	-.063723	.2323133	.0718748	-.002393	62.17944	.7115966
#3	.0747120	-.057769	.2356088	.0733942	-.005113	62.05532	.7049555

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0064760	.0022221	456.8987	.1133505	.1171781	.1410364	173.2989
Stddev	.0002509	.0001005	1.3743	.0009611	.0006348	.0164606	.2173
%RSD	3.874448	4.523841	.3007883	.8478995	.5417603	11.67116	.1253622
#1	.0064132	.0021068	457.1459	.1133133	.1165240	.1600432	173.4264
#2	.0062624	.0022911	458.1326	.1124085	.1177917	.1316072	173.4222
#3	.0067523	.0022685	455.4175	.1143296	.1172188	.1314587	173.0480

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.577581	91.07774	.1384280	-.034100	.7202000	.2004781	.6348903
Stddev	.017587	.21155	.0005192	.000925	.0444826	.0072371	.0024056
%RSD	.3153104	.2322732	.3750335	2.713243	6.176425	3.609922	.3789038
#1	5.572354	91.25905	.1378290	-.034961	.7069459	.2081181	.6321170
#2	5.597189	90.84532	.1387068	-.034218	.7698032	.1995905	.6364135
#3	5.563201	91.12884	.1387482	-.033122	.6838509	.1937258	.6361404

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.51462	8.198842	.0619502	.0028480	1.430576	8.118542	.0358144
Stddev	.04337	.004865	.0027140	.0005217	.007249	.086707	.0034113
%RSD	.2987862	.0593332	4.380932	18.31607	.5066876	1.068007	9.524882
#1	14.47302	8.201555	.0643614	.0022655	1.438612	8.067125	.0393630
#2	14.55956	8.201746	.0590110	.0030066	1.424530	8.218649	.0355209
#3	14.51128	8.193226	.0624781	.0032720	1.428586	8.069850	.0325594

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: P5079-20 Acquired: 12/27/2024 21:42:30 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLH3 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	2.378151	.1401966	.1318266
Stddev	.009238	.0008748	.0023122
%RSD	.3884479	.6239754	1.753961
#1	2.386448	.1399724	.1292630
#2	2.379810	.1411616	.1324626
#3	2.368196	.1394557	.1337543

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2353.697	29970.53	2401.090	1982.701	1689.857
Stddev	.114	72.75	19.092	7.858	1.014
%RSD	.0048459	.2427284	.7951236	.3963199	.0600315
#1	2353.805	29903.49	2408.015	1983.309	1690.832
#2	2353.578	30047.88	2379.503	1990.237	1689.932
#3	2353.707	29960.20	2415.753	1974.557	1688.807

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: P5079-21 Acquired: 12/27/2024 21:46:26 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLH4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1452739	-.051458	5.194187	.0683527	.0029536	56.44034
Stddev	.0050514	.002165	.000181	.0024654	.0016224	.22038
%RSD	3.477152	4.207568	.0034879	3.606940	54.93037	.3904585
#1	.1494215	-.051632	5.194091	.0674246	.0043274	56.30573
#2	.1467518	-.053530	5.194075	.0664860	.0033698	56.32063
#3	.1396484	-.049211	5.194396	.0711475	.0011636	56.69466

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 24.07095	.0067293	.0134621	81.05630	.2152107	.0961145
Stddev	.19720	.0000397	.0001539	.03188	.0016782	.0007576
%RSD	.8192651	.5902060	1.142816	.0393351	.7797969	.7882032
#1	23.99965	.0066883	.0135663	81.01975	.2167827	.0952811
#2	24.29389	.0067676	.0132854	81.07839	.2154061	.0963012
#3	23.91932	.0067320	.0135347	81.07075	.2134434	.0967613

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3958197	138.9971	7.169407	29.41762	.1750263	-.024498
Stddev	.0026236	.4970	.014302	.06914	.0003712	.000147
%RSD	.6628363	.3575421	.1994801	.2350251	.2120773	.5988146
#1	.3930918	138.5798	7.157196	29.34611	.1753368	-.024645
#2	.3960425	138.8646	7.165885	29.42262	.1751270	-.024352
#3	.3983249	139.5469	7.185141	29.48412	.1746152	-.024496

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6082535	.1632615	3.020062	9.389775	F 10.97125	.0650991
Stddev	.0246987	.0151865	.013445	.030087	.01538	.0012295
%RSD	4.060599	9.301932	.4451977	.3204185	.1401833	1.888601
#1	.6304798	.1585603	3.005129	9.372942	10.98173	.0664007
#2	.6126168	.1802426	3.031206	9.424510	10.95360	.0649390
#3	.5816639	.1509815	3.023852	9.371871	10.97843	.0639575

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: P5079-21 Acquired: 12/27/2024 21:46:26 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLH4 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0048605	9.142391	8.121381	.1364023	.8115712	.6456911
Stddev	.0003998	.020932	.022844	.0033881	.0030008	.0012881
%RSD	8.225078	.2289528	.2812804	2.483874	.3697464	.1994844
#1	.0053046	9.142608	8.147752	.1381202	.8115820	.6454924
#2	.0045292	9.121352	8.108733	.1324994	.8145665	.6445140
#3	.0047478	9.163213	8.107660	.1385873	.8085650	.6470670

Elem	Li6707
Units	ppm
Avg	.1117849
Stddev	.0039733
%RSD	3.554400
#1	.1081436
#2	.1160227
#3	.1111883

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2544.024	32331.21	2545.377	2154.506	1848.522
Stddev	5.526	64.46	9.277	2.684	.832
%RSD	.2172025	.1993716	.3644686	.1245600	.0449832
#1	2540.754	32310.86	2534.839	2155.672	1847.691
#2	2540.913	32279.38	2548.982	2151.437	1848.521
#3	2550.403	32403.39	2552.311	2156.409	1849.354

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: P5079-22 Acquired: 12/27/2024 21:50:29 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLH5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1786320	-.058306	4.895914	.0779070	.0026103	67.66786
Stddev	.0053781	.000892	.005888	.0016924	.0030935	.92432
%RSD	3.010721	1.530379	.1202689	2.172366	118.5104	1.365964
#1	.1744197	-.057989	4.901848	.0762539	-.000663	66.70825
#2	.1846899	-.057615	4.890073	.0796362	.003008	68.55230
#3	.1767864	-.059313	4.895821	.0778309	.005486	67.74303

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.619804	.0074812	.0088493	180.4472	.2700099	.1127377
Stddev	.020375	.0000687	.0001542	2.3987	.0012281	.0005331
%RSD	1.257841	.9180085	1.742075	1.329312	.4548179	.4728493
#1	1.598993	.0074219	.0088538	177.8781	.2714174	.1133528
#2	1.639712	.0074652	.0086930	182.6281	.2691566	.1124517
#3	1.620707	.0075564	.0090012	180.8355	.2694556	.1124087

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4544822	166.6003	7.541742	42.08515	.2182360	-.029591
Stddev	.0134908	2.2528	.104907	.51719	.0009952	.000641
%RSD	2.968395	1.352229	1.391014	1.228904	.4560323	2.167266
#1	.4451060	164.1898	7.428062	41.51057	.2191406	-.030043
#2	.4699438	168.6526	7.634819	42.51342	.2183975	-.028857
#3	.4483969	166.9584	7.562344	42.23145	.2171699	-.029873

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6062477	.1912194	2.560103	10.59411	F 16.37287	.0766737
Stddev	.0198773	.0060608	.005505	.16769	.02095	.0021865
%RSD	3.278738	3.169577	.2150218	1.582887	.1279448	2.851725
#1	.5841871	.1868047	2.553981	10.41066	16.38139	.0769079
#2	.6117914	.1981295	2.564645	10.63218	16.34901	.0743796
#3	.6227647	.1887238	2.561684	10.73950	16.38822	.0787338

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: P5079-22 Acquired: 12/27/2024 21:50:29 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLH5 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0060824	4.350614	8.476106	.2122143	.8255039	.1371350
Stddev	.0005314	.013382	.093660	.0037535	.0148227	.0023855
%RSD	8.736006	.3075793	1.104987	1.768709	1.795594	1.739520
#1	.0064962	4.365750	8.409636	.2163493	.8099097	.1349293
#2	.0062678	4.345734	8.583222	.2090223	.8394107	.1396667
#3	.0054832	4.340357	8.435459	.2112712	.8271912	.1368090

Elem	Li6707
Units	ppm
Avg	.1268279
Stddev	.0019666
%RSD	1.550570
#1	.1252110
#2	.1290172
#3	.1262555

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2628.600	33415.85	2657.987	2227.535	1788.329
Stddev	.846	214.68	12.419	11.099	1.568
%RSD	.0321859	.6424517	.4672416	.4982457	.0876892
#1	2627.823	33215.03	2664.543	2219.807	1786.544
#2	2629.501	33642.12	2643.663	2240.252	1788.959
#3	2628.476	33390.41	2665.754	2222.544	1789.485

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: P5087-01 Acquired: 12/27/2024 21:54:23 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLQ3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0938583	-.044237	.1857622	.0672372	-.002454	56.44497
Stddev	.0012247	.000805	.0023044	.0021310	.001753	.16634
%RSD	1.304787	1.820790	1.240507	3.169399	71.45907	.2946912
#1	.0925351	-.043936	.1884220	.0686869	-.000674	56.25906
#2	.0940879	-.043625	.1843639	.0647904	-.004180	56.57969
#3	.0949519	-.045150	.1845010	.0682343	-.002507	56.49618

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6185549	.0059254	.0029983	339.6802	.0870297	.1317441
Stddev	.0032578	.0000916	.0001313	.8328	.0017507	.0002813
%RSD	.5266768	1.546045	4.377851	.2451709	2.011613	.2135541
#1	.6157753	.0058512	.0028918	338.7299	.0887322	.1320605
#2	.6177496	.0060278	.0029582	340.2825	.0852345	.1316499
#3	.6221398	.0058973	.0031450	340.0283	.0871223	.1315220

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3289572	154.6014	12.47794	70.19049	.1873035	-.028511
Stddev	.0023741	.4880	.02842	.31302	.0003688	.000786
%RSD	.7217125	.3156546	.2278007	.4459545	.1969232	2.757183
#1	.3313187	154.1123	12.45837	70.10418	.1872239	-.027778
#2	.3289823	155.0883	12.51055	69.92969	.1877057	-.028413
#3	.3265707	154.6035	12.46491	70.53761	.1869810	-.029341

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5611312	.1344578	.4691007	8.278585	F 11.40470	.0377878
Stddev	.0064360	.0079155	.0059321	.116085	.01571	.0003618
%RSD	1.146974	5.887000	1.264575	1.402231	.1377326	.9573633
#1	.5541590	.1365616	.4759285	8.144565	11.39104	.0375097
#2	.5623893	.1411090	.4652108	8.343394	11.40119	.0376571
#3	.5668452	.1257030	.4661629	8.347795	11.42187	.0381968

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: P5087-01 Acquired: 12/27/2024 21:54:23 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLQ3 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0054305	.6937760	5.940763	.0251866	.6598473	.1268849
Stddev	.0004250	.0142882	.052950	.0017260	.0061442	.0013459
%RSD	7.826928	2.059479	.8913006	6.852802	.9311485	1.060758
#1	.0049563	.6783683	5.975175	.0232230	.6533804	.1255728
#2	.0057774	.6963704	5.967325	.0258730	.6656076	.1268196
#3	.0055577	.7065891	5.879790	.0264638	.6605539	.1282623

Elem	Li6707
Units	ppm
Avg	.1243534
Stddev	.0033619
%RSD	2.703516
#1	.1245116
#2	.1276334
#3	.1209152

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2710.174	34425.41	2752.211	2279.015	1717.302
Stddev	9.581	125.08	20.389	9.172	2.666
%RSD	.3535070	.3633413	.7408317	.4024697	.1552653
#1	2710.398	34317.75	2765.999	2275.531	1718.015
#2	2700.484	34562.63	2728.790	2289.419	1714.351
#3	2719.641	34395.86	2761.844	2272.096	1719.539

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: P5087-02 Acquired: 12/27/2024 21:58:19 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLY0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1196928	-.067933	2.825123	.0910044	.0091792	70.46646
Stddev	.0033404	.003480	.009218	.0105006	.0033975	.24135
%RSD	2.790824	5.122596	.3262763	11.53851	37.01271	.3425058
#1	.1220636	-.070176	2.814625	.0999618	.0130927	70.74325
#2	.1158725	-.063924	2.828852	.0936028	.0074602	70.35625
#3	.1211423	-.069699	2.831892	.0794486	.0069847	70.29990

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.333787	.0087046	.0064823	110.8918	.2108566	.1283938
Stddev	.003361	.0001407	.0001450	.6313	.0001254	.0002710
%RSD	.2520242	1.616208	2.236628	.5693326	.0594633	.2110949
#1	1.336522	.0087728	.0063958	111.6071	.2109062	.1282891
#2	1.334805	.0087981	.0064014	110.4120	.2107140	.1287015
#3	1.330034	.0085428	.0066497	110.6565	.2109496	.1281907

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4083675	181.7237	10.15528	40.12804	.2554716	-.033095
Stddev	.0084946	.5473	.03357	.08722	.0003786	.001156
%RSD	2.080128	.3011886	.3305690	.2173465	.1481812	3.494340
#1	.4178136	182.2635	10.19323	40.22819	.2554775	-.031958
#2	.4013563	181.7386	10.14318	40.08712	.2550901	-.034270
#3	.4059326	181.1691	10.12944	40.06880	.2558472	-.033058

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7520651	.1984320	1.588778	16.39568	F 17.91942	.0630533
Stddev	.0106088	.0022405	.005832	.12619	.02888	.0012147
%RSD	1.410621	1.129117	.3670509	.7696676	.1611919	1.926396
#1	.7641221	.1990358	1.594723	16.53133	17.89540	.0638027
#2	.7441611	.1959515	1.583066	16.28177	17.91139	.0616518
#3	.7479121	.2003088	1.588544	16.37393	17.95147	.0637052

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: P5087-02 Acquired: 12/27/2024 21:58:19 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLY0 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0111688	7.637219	5.233497	.0845146	2.429748	.0917299
Stddev	.0005437	.017461	.032486	.0022537	.006366	.0025528
%RSD	4.867875	.2286287	.6207298	2.666688	.2619915	2.782919
#1	.0106358	7.635947	5.266228	.0853656	2.437079	.0940659
#2	.0111481	7.620429	5.233002	.0862190	2.425629	.0890050
#3	.0117226	7.655282	5.201262	.0819593	2.426535	.0921187

Elem	Li6707
Units	ppm
Avg	.1488652
Stddev	.0012538
%RSD	.8422456
#1	.1500827
#2	.1475780
#3	.1489350

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2395.515	30525.07	2397.494	2030.539	1804.493
Stddev	2.899	133.58	10.389	11.437	1.652
%RSD	.1210307	.4376167	.4333357	.5632394	.0915516
#1	2394.908	30491.42	2385.558	2025.073	1806.391
#2	2392.968	30672.26	2404.507	2043.683	1803.711
#3	2398.670	30411.53	2402.415	2022.860	1803.377

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: P5087-03 Acquired: 12/27/2024 22:02:12 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLY1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1868131	-.065157	3.806841	.0929567	.0079214	62.66824
Stddev	.0046171	.005215	.010841	.0021038	.0045981	.15116
%RSD	2.471529	8.004138	.2847670	2.263176	58.04590	.2412103
#1	.1887040	-.065416	3.794408	.0921894	.0026137	62.81025
#2	.1901845	-.070238	3.811797	.0913443	.0104610	62.50934
#3	.1815506	-.059817	3.814317	.0953365	.0106895	62.68512

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.229499	.0082818	.0078155	129.2143	.1551755	.1230801
Stddev	.004560	.0002030	.0000366	.6251	.0006647	.0004684
%RSD	.3708530	2.451481	.4684735	.4837655	.4283534	.3805307
#1	1.234605	.0084858	.0077844	129.8714	.1558236	.1228965
#2	1.225836	.0080797	.0078063	128.6271	.1552075	.1236124
#3	1.228055	.0082798	.0078558	129.1445	.1544954	.1227313

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4158932	178.6463	9.673798	41.63438	.2482833	-.031498
Stddev	.0018971	.5543	.032832	.16693	.0003507	.000486
%RSD	.4561590	.3102554	.3393958	.4009312	.1412430	1.542777
#1	.4173909	178.9690	9.701185	41.65185	.2486645	-.030995
#2	.4137599	178.0063	9.637401	41.79188	.2479744	-.031966
#3	.4165289	178.9635	9.682808	41.45941	.2482111	-.031533

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5842475	.1782468	1.620081	8.160226	F 15.79366	.0492340
Stddev	.0095935	.0089625	.007307	.111460	.01899	.0043358
%RSD	1.642035	5.028164	.4510388	1.365891	.1202681	8.806422
#1	.5859809	.1855417	1.617162	8.240395	15.77469	.0507521
#2	.5739055	.1682420	1.628396	8.207337	15.79360	.0443433
#3	.5928562	.1809567	1.614684	8.032946	15.81268	.0526066

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: P5087-03 Acquired: 12/27/2024 22:02:12 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLY1 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0070552	4.811593	6.410495	.1467245	1.125478	.0700526
Stddev	.0004927	.005998	.054872	.0005182	.006924	.0012640
%RSD	6.983023	.1246578	.8559701	.3531786	.6152473	1.804302
#1	.0065666	4.817740	6.459162	.1472980	1.128677	.0715040
#2	.0070473	4.805756	6.421299	.1465858	1.117532	.0694591
#3	.0075518	4.811283	6.351025	.1462898	1.130224	.0691945

Elem	Li6707
Units	ppm
Avg	.1175798
Stddev	.0028198
%RSD	2.398192
#1	.1146352
#2	.1202555
#3	.1178488

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2585.694	32928.54	2595.624	2194.947	1828.789
Stddev	3.884	89.78	25.110	17.143	3.308
%RSD	.1502132	.2726457	.9673851	.7810304	.1809046
#1	2589.574	32852.25	2574.397	2203.246	1832.605
#2	2581.806	32905.90	2589.134	2175.233	1827.024
#3	2585.702	33027.47	2623.342	2206.361	1826.737

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: P5087-04 Acquired: 12/27/2024 22:06:04 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLY2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2037359	-.039434	4.537323	.0736917	-.003568	52.05253	1.205800
Stddev	.0032411	.004615	.007419	.0050587	.002947	.36033	.007847
%RSD	1.590810	11.70256	.1635066	6.864700	82.59776	.6922447	.6507842
#1	.2074022	-.037650	4.541155	.0770833	-.001177	52.19879	1.207761
#2	.2012522	-.044675	4.528772	.0678772	-.002666	51.64206	1.197158
#3	.2025533	-.035978	4.542042	.0761146	-.006860	52.31673	1.212480

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0069544	.0056720	184.4330	.1125924	.1080980	.4420615	133.0078
Stddev	.0001596	.0000652	1.0387	.0004489	.0003232	.0081659	.6495
%RSD	2.295522	1.149268	.5632000	.3986992	.2990187	1.847229	.4883378
#1	.0071346	.0057424	184.9734	.1129949	.1078849	.4514547	133.1578
#2	.0068307	.0056599	183.2355	.1121083	.1079393	.4366521	132.2964
#3	.0068979	.0056137	185.0902	.1126741	.1084699	.4380777	133.5692

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.151089	39.69806	.1687751	-.023140	.6130834	.1583292	1.976870
Stddev	.053516	.34265	.0008075	.001162	.0055962	.0096231	.003777
%RSD	.6565457	.8631385	.4784537	5.019794	.9127874	6.077935	.1910529
#1	8.160284	39.93200	.1697035	-.023786	.6166455	.1538910	1.973112
#2	8.093571	39.30475	.1683860	-.021799	.6159714	.1517260	1.980665
#3	8.199411	39.85744	.1682358	-.023834	.6066332	.1693705	1.976833

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.816290	8.094515	.0457051	.0081937	3.084257	6.341625	.2749180
Stddev	.202319	.018755	.0019692	.0001835	.001994	.119840	.0022189
%RSD	3.478497	.2317046	4.308536	2.239954	.0646492	1.889738	.8071142
#1	6.000408	8.100659	.0457149	.0082069	3.085854	6.478036	.2772292
#2	5.848764	8.073458	.0437310	.0080040	3.082022	6.293563	.2728046
#3	5.599698	8.109427	.0476694	.0083703	3.084896	6.253277	.2747201

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: P5087-04 Acquired: 12/27/2024 22:06:04 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLY2 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.7247166	.1608562	.1004395
Stddev	.0060038	.0007072	.0030997
%RSD	.8284415	.4396670	3.086100
#1	.7304358	.1611315	.0993307
#2	.7184638	.1600527	.1039411
#3	.7252502	.1613844	.0980467

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2458.676	31216.43	2481.151	2067.834	1817.241
Stddev	5.593	192.62	24.852	14.021	5.045
%RSD	.2274706	.6170462	1.001651	.6780601	.2776157
#1	2459.003	31426.21	2452.461	2083.477	1815.234
#2	2464.098	31175.54	2494.949	2063.628	1822.980
#3	2452.926	31047.54	2496.044	2056.398	1813.508

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: P5087-05 Acquired: 12/27/2024 22:09:58 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLY3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1916861	-.042930	.9370110	.0729763	.0006018	48.01107	1.196562
Stddev	.0068186	.002031	.0054843	.0010512	.0011622	1.05764	.026879
%RSD	3.557173	4.730588	.5852977	1.440519	193.1284	2.202906	2.246372
#1	.1888073	-.040770	.9370007	.0741893	.0001103	49.11377	1.223653
#2	.1994720	-.043218	.9315318	.0724098	.0019290	47.91428	1.196135
#3	.1867790	-.044801	.9425004	.0723299	-.000234	47.00515	1.169899

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0065971	.0030019	76.67410	.0765642	.0905957	.5518062	120.6884
Stddev	.0000268	.0000422	1.55556	.0002872	.0004536	.0162229	2.6565
%RSD	.4067696	1.405610	2.028791	.3750857	.5006528	2.939961	2.201132
#1	.0065916	.0029907	78.28620	.0763401	.0910076	.5703279	123.4887
#2	.0065735	.0030486	76.55408	.0764645	.0901096	.5449727	120.3726
#3	.0066263	.0029664	75.18204	.0768879	.0906697	.5401180	118.2039

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.426830	14.27416	.1228697	-.018674	.7260630	.2378038	.7583393
Stddev	.148366	.27331	.0005362	.000711	.0271385	.0125632	.0016000
%RSD	2.308542	1.914719	.4363648	3.805547	3.737759	5.282995	.2109885
#1	6.580362	14.56269	.1231638	-.018191	.7564256	.2517177	.7601076
#2	6.415894	14.24062	.1222509	-.018341	.7175961	.2344014	.7569916
#3	6.284235	14.01917	.1231945	-.019490	.7041674	.2272922	.7579186

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.511769	5.447871	.0316876	.0118321	2.531109	5.821706	.0445279
Stddev	.184265	.010434	.0018082	.0005349	.002162	.117344	.0011469
%RSD	4.084095	.1915221	5.706429	4.521211	.0853998	2.015632	2.575566
#1	4.696145	5.443096	.0305447	.0112466	2.532172	5.948863	.0458221
#2	4.511547	5.440679	.0337724	.0122954	2.528622	5.798660	.0436375
#3	4.327615	5.459838	.0307459	.0119542	2.532534	5.717594	.0441243

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: P5087-05 Acquired: 12/27/2024 22:09:58 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLY3 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.5819386	.2446729	.1086572
Stddev	.0158949	.0048898	.0042613
%RSD	2.731366	1.998485	3.921797
#1	.5983336	.2499027	.1039827
#2	.5808862	.2439008	.1123252
#3	.5665961	.2402151	.1096638

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2389.837	30392.30	2324.698	2027.805	1849.532
Stddev	6.369	141.25	47.619	5.715	5.342
%RSD	.2665007	.4647427	2.048397	.2818132	.2888219
#1	2388.510	30519.97	2280.391	2023.615	1850.646
#2	2396.765	30240.57	2318.652	2025.485	1854.229
#3	2384.236	30416.35	2375.052	2034.314	1843.721

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: P5087-09 Acquired: 12/27/2024 22:13:54 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLY5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0887083	-.066296	.2164299	.0867600	.0100173	75.50693	.8107477
Stddev	.0012520	.005124	.0006922	.0042826	.0040857	.66443	.0078078
%RSD	1.411397	7.728784	.3198437	4.936177	40.78669	.8799568	.9630318
#1	.0883508	-.070638	.2171849	.0877562	.0073070	75.94463	.8172557
#2	.0901002	-.060645	.2158251	.0904567	.0147167	75.83377	.8128970
#3	.0876739	-.067606	.2162796	.0820671	.0080282	74.74239	.8020904

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0078022	.0027319	46.39926	.1210502	.1010857	.2904780	166.0514
Stddev	.0001056	.0001013	.40634	.0005239	.0003533	.0085728	1.5399
%RSD	1.352823	3.708108	.8757522	.4328117	.3495080	2.951264	.9273683
#1	.0079025	.0027888	46.56952	.1211297	.1008676	.2924586	166.8624
#2	.0076921	.0026150	46.69278	.1215298	.1008961	.2978872	167.0163
#3	.0078120	.0027920	45.93549	.1204911	.1014933	.2810883	164.2755

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.311916	27.78709	.1763174	-.029923	.3134678	.1436555	.8087605
Stddev	.075542	.40742	.0010766	.000812	.0233651	.0032314	.0027218
%RSD	1.196814	1.466215	.6106180	2.712385	7.453756	2.249387	.3365373
#1	6.360937	28.08383	.1774932	-.030766	.3227262	.1459712	.8116610
#2	6.349891	27.95487	.1760788	-.029855	.3307850	.1450315	.8062623
#3	6.224922	27.32258	.1753800	-.029147	.2868923	.1399640	.8083581

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.485187	8.830814	.0272809	.0058327	2.688279	7.845116	.0212003
Stddev	.237857	.010174	.0026540	.0002434	.008643	.083316	.0011064
%RSD	5.303162	.1152070	9.728502	4.173602	.3215067	1.062010	5.218728
#1	4.673807	8.839622	.0250595	.0061020	2.696213	7.940962	.0214940
#2	4.563771	8.819678	.0302200	.0056282	2.679069	7.790011	.0199767
#3	4.217982	8.833141	.0265633	.0057678	2.689554	7.804374	.0221302

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: P5087-09 Acquired: 12/27/2024 22:13:54 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLY5 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.6551816	-.055953	.1504608
Stddev	.0065641	.000929	.0014987
%RSD	1.001877	1.659838	.9960825
#1	.6610422	-.056772	.1517839
#2	.6564138	-.056142	.1488332
#3	.6480887	-.054944	.1507653

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2756.422	34946.60	2741.334	2326.642	1833.829
Stddev	4.195	17.22	24.349	6.007	3.818
%RSD	.1521953	.0492893	.8882191	.2581630	.2081985
#1	2754.304	34964.85	2713.430	2319.763	1830.614
#2	2761.254	34930.63	2758.270	2330.846	1838.049
#3	2753.709	34944.32	2752.302	2329.318	1832.823

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: P5087-10 Acquired: 12/27/2024 22:17:46 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLY6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1063966	-.070884	.1929001	.1068883	.0130993	64.65119	1.047783
Stddev	.0058302	.001951	.0011780	.0036316	.0042378	.06916	.001829
%RSD	5.479662	2.752200	.6106513	3.397552	32.35162	.1069811	.1745881
#1	.1019796	-.069434	.1928329	.1107297	.0082080	64.72607	1.048635
#2	.1042052	-.073102	.1941102	.1064242	.0156696	64.63781	1.049032
#3	.1130049	-.070115	.1917572	.1035112	.0154203	64.58970	1.045684

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0069409	.0033354	94.69181	.1050273	.1242799	.2484442	193.1800
Stddev	.0000997	.0000447	.26379	.0003822	.0004225	.0011791	.4493
%RSD	1.436260	1.340648	.2785730	.3639544	.3399381	.4745970	.2325810
#1	.0068668	.0033395	94.99640	.1045922	.1245864	.2476827	193.6573
#2	.0069017	.0032888	94.53982	.1053091	.1244553	.2498024	192.7653
#3	.0070542	.0033779	94.53919	.1051807	.1237980	.2478475	193.1173

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.33230	36.21947	.1906986	-.035519	.3357611	.1504937	.6654992
Stddev	.03498	.19878	.0008379	.001255	.0257668	.0055272	.0014748
%RSD	.2623668	.5488285	.4393734	3.532617	7.674143	3.672709	.2216145
#1	13.36516	36.28140	.1897507	-.036452	.3438136	.1524285	.6671936
#2	13.33621	36.37992	.1910049	-.036012	.3565400	.1442593	.6647997
#3	13.29553	35.99710	.1913403	-.034092	.3069297	.1547935	.6645042

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.778174	7.235667	.0279970	.0078116	.9526055	6.692735	.0193787
Stddev	.074816	.018916	.0037682	.0004222	.0034703	.011003	.0010199
%RSD	1.565780	.2614235	13.45943	5.404626	.3642995	.1644070	5.263026
#1	4.853954	7.255818	.0323456	.0077011	.9557833	6.680030	.0182214
#2	4.776209	7.232891	.0259537	.0074557	.9531307	6.699192	.0197682
#3	4.704361	7.218294	.0256918	.0082781	.9489025	6.698983	.0201464

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: P5087-10 Acquired: 12/27/2024 22:17:46 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLY6 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.6592667	-.052988	.1357662
Stddev	.0030178	.000359	.0045403
%RSD	.4577502	.6766479	3.344225
#1	.6617680	-.052885	.1409152
#2	.6601172	-.052693	.1323371
#3	.6559149	-.053387	.1340463

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2533.072	32301.37	2504.980	2145.699	1806.166
Stddev	4.103	76.51	6.618	7.799	3.805
%RSD	.1619655	.2368666	.2641884	.3634903	.2106947
#1	2528.335	32331.47	2511.246	2139.902	1802.601
#2	2535.380	32358.25	2505.635	2154.566	1805.723
#3	2535.501	32214.38	2498.059	2142.628	1810.173

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: P5087-11 Acquired: 12/27/2024 22:21:37 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLY7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1298409	-.061320	2.268885	.0855993	.0078602	79.15794
Stddev	.0017047	.000541	.002649	.0050151	.0016229	1.96489
%RSD	1.312947	.8823614	.1167348	5.858759	20.64722	2.482237
#1	.1278906	-.061211	2.265937	.0888503	.0063093	79.13750
#2	.1310472	-.060843	2.271063	.0798236	.0077248	77.20336
#3	.1305849	-.061908	2.269655	.0881240	.0095466	81.13297

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.039896	.0072702	.0078292	94.85751	.1785653	.1649132
Stddev	.024016	.0000560	.0001288	2.43816	.0072954	.0006813
%RSD	2.309417	.7697529	1.644745	2.570342	4.085565	.4131556
#1	1.041445	.0072462	.0079440	94.58714	.1723031	.1642317
#2	1.015144	.0072302	.0078538	92.56580	.1865761	.1655944
#3	1.063100	.0073341	.0076900	97.41958	.1768167	.1649135

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3706390	169.7758	8.103761	37.53485	.2205989	-.031379
Stddev	.0075148	3.9086	.193440	.90162	.0013299	.001557
%RSD	2.027533	2.302202	2.387039	2.402082	.6028758	4.960844
#1	.3636728	169.6201	8.104451	37.48230	.2192318	-.031218
#2	.3696415	165.9473	7.909976	36.66066	.2218882	-.033010
#3	.3786028	173.7598	8.296854	38.46160	.2206767	-.029909

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5821882	.1876910	1.906234	11.28717	F 17.57832	.0399728
Stddev	.0089227	.0115554	.064102	.31845	.00926	.0022883
%RSD	1.532606	6.156625	3.362736	2.821375	.0526742	5.724670
#1	.5734004	.1839662	1.848128	11.26706	17.57515	.0387938
#2	.5819241	.1784573	1.974996	10.97925	17.57106	.0385145
#3	.5912399	.2006494	1.895578	11.61520	17.58875	.0426102

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: P5087-11 Acquired: 12/27/2024 22:21:37 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLY7 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0091409	4.547254	7.627375	.0851912	1.723030	.0224135
Stddev	.0003364	.002826	.108070	.0007117	.043471	.0007778
%RSD	3.679742	.0621427	1.416869	.8353701	2.522934	3.470111
#1	.0094595	4.545113	7.599936	.0846497	1.730224	.0226314
#2	.0087892	4.550457	7.535669	.0859972	1.676411	.0215500
#3	.0091740	4.546193	7.746519	.0849267	1.762455	.0230591

Elem	Li6707
Units	ppm
Avg	.0918863
Stddev	.0066754
%RSD	7.264856
#1	.0983326
#2	.0850033
#3	.0923230

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2368.846	30017.08	2365.907	1990.732	1813.820
Stddev	8.422	853.80	45.564	58.461	4.426
%RSD	.3555508	2.844384	1.925839	2.936638	.2440183
#1	2378.101	30814.23	2373.561	2048.746	1818.927
#2	2366.808	29116.12	2407.159	1931.835	1811.085
#3	2361.630	30120.89	2317.002	1991.616	1811.449

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: P5087-12 Acquired: 12/27/2024 22:25:28 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLY8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1407312	-.054390	2.366434	.0696738	-.001864	57.37458
Stddev	.0027468	.004415	.005974	.0032790	.002169	.25026
%RSD	1.951820	8.117815	.2524506	4.706262	116.3694	.4361817
#1	.1385956	-.049934	2.363653	.0734404	-.004025	57.09012
#2	.1397681	-.058763	2.362357	.0681252	-.001880	57.47275
#3	.1438299	-.054472	2.373291	.0674560	.000313	57.56087

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.031812	.0067757	.0074132	137.0483	.1442114	.1060832
Stddev	.004699	.0001564	.0001405	.5728	.0006117	.0009651
%RSD	.4553985	2.308107	1.895126	.4179725	.4241728	.9097848
#1	1.026556	.0065953	.0075754	136.4310	.1435067	.1065553
#2	1.035605	.0068732	.0073312	137.5626	.1445223	.1049729
#3	1.033276	.0068586	.0073329	137.1512	.1446052	.1067214

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3151089	153.7878	8.325981	43.14564	.2252051	-.027842
Stddev	.0071975	.6416	.014987	.24153	.0002507	.000603
%RSD	2.284138	.4172120	.1800006	.5598040	.1113199	2.164176
#1	.3083151	153.0748	8.309077	42.92769	.2254142	-.027337
#2	.3226516	154.3186	8.331225	43.10391	.2249272	-.027680
#3	.3143599	153.9700	8.337641	43.40532	.2252740	-.028509

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4158270	.1596018	1.361421	8.145733	F 10.17952	.0402462
Stddev	.0259316	.0025579	.007769	.081785	.01601	.0024475
%RSD	6.236142	1.602694	.5706291	1.004023	.1572904	6.081231
#1	.4430797	.1583730	1.368059	8.107444	10.16327	.0379229
#2	.4129439	.1578902	1.352877	8.239638	10.19528	.0400144
#3	.3914575	.1625423	1.363329	8.090116	10.18001	.0428013

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: P5087-12 Acquired: 12/27/2024 22:25:28 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLY8 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0215410	4.005328	7.211147	.0624466	.9898669	.0564501
Stddev	.0006758	.003073	.024217	.0003620	.0098654	.0008733
%RSD	3.137445	.0767309	.3358338	.5796556	.9966417	1.546979
#1	.0211680	4.008310	7.187535	.0620332	.9803995	.0556311
#2	.0223211	4.005503	7.235927	.0627066	1.000087	.0563501
#3	.0211339	4.002171	7.209977	.0626000	.989114	.0573690

Elem	Li6707
Units	ppm
Avg	.0965171
Stddev	.0028571
%RSD	2.960248
#1	.0956748
#2	.0941758
#3	.0997007

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2394.282	30450.45	2402.372	2024.679	1806.744
Stddev	3.421	72.26	7.367	10.544	1.855
%RSD	.1428967	.2372875	.3066542	.5207525	.1026853
#1	2393.610	30426.26	2409.199	2018.635	1808.355
#2	2391.247	30531.69	2403.353	2036.854	1804.716
#3	2397.990	30393.39	2394.564	2018.549	1807.162

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: P5087-13 Acquired: 12/27/2024 22:29:18 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLY9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2391886	-.048027	4.246526	.0857844	.0034406	64.40269
Stddev	.0033020	.003430	.008469	.0045500	.0018210	.03044
%RSD	1.380518	7.142155	.1994443	5.303987	52.92792	.0472728
#1	.2424715	-.044066	4.240588	.0850720	.0022230	64.42683
#2	.2392264	-.049980	4.242766	.0816326	.0055341	64.41276
#3	.2358678	-.050035	4.256225	.0906486	.0025647	64.36849

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.531984	.0076898	.0106608	271.8265	.1123689	.1485467
Stddev	.002534	.0000625	.0001274	.3574	.0009785	.0008896
%RSD	.1653949	.8130025	1.194741	.1314779	.8707871	.5989041
#1	1.532335	.0076980	.0105788	272.0292	.1112599	.1482800
#2	1.534324	.0077478	.0105962	272.0365	.1127366	.1478209
#3	1.529293	.0076236	.0108076	271.4138	.1131104	.1495392

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7050814	177.0903	15.34819	55.40567	.2731936	-.032277
Stddev	.0059458	.0958	.03043	.06651	.0008824	.001079
%RSD	.8432783	.0540782	.1982369	.1200403	.3229809	3.342854
#1	.6991264	177.1366	15.36974	55.48077	.2741254	-.031270
#2	.7110180	176.9801	15.36145	55.35421	.2730846	-.032145
#3	.7050997	177.1541	15.31338	55.38204	.2723708	-.033415

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6621203	.1665090	1.546344	7.643609	F 24.26163	.0460870
Stddev	.0114080	.0053904	.003683	.161563	.00886	.0020433
%RSD	1.722953	3.237331	.2381490	2.113697	.0365096	4.433586
#1	.6490682	.1719530	1.547041	7.765017	24.25764	.0472201
#2	.6671052	.1611737	1.549628	7.460236	24.25547	.0473126
#3	.6701874	.1664004	1.542363	7.705573	24.27178	.0437282

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: P5087-13 Acquired: 12/27/2024 22:29:18 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLY9 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0044506	3.582013	6.175790	.1234805	.7673852	.2429515
Stddev	.0005531	.010707	.019397	.0014026	.0008928	.0004876
%RSD	12.42855	.2989118	.3140769	1.135879	.1163392	.2007158
#1	.0042562	3.573312	6.190655	.1219130	.7671060	.2434792
#2	.0040208	3.578756	6.182867	.1239118	.7666654	.2428579
#3	.0050747	3.593970	6.153849	.1246169	.7683842	.2425175

Elem	Li6707
Units	ppm
Avg	.1204530
Stddev	.0029115
%RSD	2.417150
#1	.1220211
#2	.1222443
#3	.1170935

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2881.500	36822.68	2911.322	2436.290	1718.259
Stddev	4.241	55.58	20.431	11.872	2.698
%RSD	.1471705	.1509383	.7017679	.4873056	.1570378
#1	2882.553	36761.61	2888.833	2430.084	1721.279
#2	2876.832	36836.14	2916.393	2428.807	1716.085
#3	2885.115	36870.29	2928.739	2449.979	1717.412

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: P5087-14 Acquired: 12/27/2024 22:33:08 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLZ0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1899688	-.062566	1.979905	.0922503	.0047014	53.97898
Stddev	.0031976	.003442	.006202	.0047650	.0023885	1.34727
%RSD	1.683210	5.501557	.3132221	5.165274	50.80355	2.495923
#1	.1893691	-.066528	1.984983	.0867831	.0051048	53.71538
#2	.1871135	-.060317	1.972994	.0944475	.0021369	52.78299
#3	.1934237	-.060852	1.981739	.0955202	.0068626	55.43857

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.537617	.0073439	.0063610	201.3823	.0958397	.1188657
Stddev	.036367	.0001855	.0000271	4.4861	.0017892	.0003704
%RSD	2.365181	2.525358	.4256568	2.227672	1.866845	.3116308
#1	1.531133	.0074341	.0063326	200.3565	.0978778	.1192844
#2	1.504928	.0071306	.0063640	197.4979	.0951135	.1187320
#3	1.576791	.0074670	.0063865	206.2925	.0945277	.1185807

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3820798	183.8035	13.85816	44.68468	.1684484	-.033368
Stddev	.0055587	4.3839	.31453	.88726	.0007359	.002042
%RSD	1.454852	2.385080	2.269642	1.985597	.4368399	6.118163
#1	.3858549	182.7676	13.78791	44.46899	.1685038	-.035701
#2	.3756966	180.0303	13.58469	43.92516	.1691550	-.032496
#3	.3846879	188.6125	14.20187	45.65990	.1676864	-.031908

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5951082	.1790632	1.129071	6.236631	F 12.35530	.0408321
Stddev	.0314886	.0136890	.018607	.189976	.00473	.0016900
%RSD	5.291240	7.644762	1.647981	3.046126	.0382775	4.138970
#1	.5862552	.1940182	1.149896	6.230735	12.35795	.0409568
#2	.5689937	.1760186	1.123237	6.049672	12.35811	.0390832
#3	.6300757	.1671530	1.114080	6.429485	12.34984	.0424564

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: P5087-14 Acquired: 12/27/2024 22:33:08 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLZ0 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0079321	2.526772	7.255513	.0824992	.6050790	.1445312
Stddev	.0005617	.004921	.113415	.0013561	.0151041	.0035651
%RSD	7.081418	.1947356	1.563158	1.643727	2.496225	2.466630
#1	.0079460	2.523921	7.242816	.0817142	.6054900	.1440544
#2	.0073635	2.523941	7.148980	.0817184	.5897735	.1412285
#3	.0084867	2.532454	7.374742	.0840651	.6199734	.1483106

Elem	Li6707
Units	ppm
Avg	.1093842
Stddev	.0046303
%RSD	4.233093
#1	.1041746
#2	.1109472
#3	.1130307

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2400.483	30384.69	2389.862	2012.144	1757.957
Stddev	6.258	337.13	42.353	17.180	5.468
%RSD	.2606874	1.109548	1.772208	.8537913	.3110336
#1	2393.675	30001.92	2402.070	1992.871	1751.649
#2	2405.984	30637.50	2424.771	2017.715	1760.871
#3	2401.789	30514.65	2342.746	2025.847	1761.350

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: P5087-15 Acquired: 12/27/2024 22:36:58 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLZ1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1660624	-.056755	2.044361	.0836640	-.001821	59.55854
Stddev	.0024531	.002095	.005720	.0055079	.006151	.16623
%RSD	1.477235	3.690578	.2797894	6.583407	337.8509	.2790998
#1	.1647090	-.059148	2.044517	.0788590	-.003929	59.36695
#2	.1645841	-.055866	2.050001	.0824581	.005107	59.66441
#3	.1688941	-.055252	2.038564	.0896750	-.006640	59.64426

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.372286	.0074425	.0069006	681.4255	.1049411	.1420999
Stddev	.000765	.0001784	.0000642	3.0163	.0005719	.0004711
%RSD	.0557530	2.396463	.9304311	.4426487	.5449837	.3315503
#1	1.372640	.0073174	.0069610	678.5866	.1051431	.1417571
#2	1.371408	.0073634	.0069076	684.5924	.1042956	.1419055
#3	1.372809	.0076467	.0068332	681.0974	.1053846	.1426372

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3950829	188.3787	16.31184	65.33035	.2037757	-.034913
Stddev	.0106259	.3265	.03239	.07447	.0007674	.000171
%RSD	2.689535	.1733032	.1985793	.1139960	.3766017	.4903738
#1	.3846758	188.0026	16.28486	65.25311	.2040266	-.034715
#2	.4059148	188.5436	16.34776	65.33622	.2043863	-.035017
#3	.3946581	188.5897	16.30289	65.40171	.2029142	-.035006

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7338990	.1536060	1.332164	6.528898	F 12.02087	.0529218
Stddev	.0209478	.0019380	.009190	.196801	.03569	.0015696
%RSD	2.854322	1.261654	.6898423	3.014300	.2968914	2.965801
#1	.7210521	.1549468	1.337201	6.755725	12.03510	.0527689
#2	.7225733	.1544872	1.321557	6.427423	12.04726	.0545622
#3	.7580715	.1513840	1.337734	6.403545	11.98027	.0514343

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: P5087-15 Acquired: 12/27/2024 22:36:58 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLZ1 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0045180	3.694831	6.776704	.4565402	.6681469	.6912478
Stddev	.0004482	.021519	.053245	.0015250	.0019101	.0048845
%RSD	9.921144	.5824142	.7857126	.3340376	.2858813	.7066234
#1	.0043272	3.695861	6.770852	.4558720	.6677167	.6867713
#2	.0041968	3.715817	6.726626	.4582853	.6664887	.6964574
#3	.0050301	3.672815	6.832633	.4554634	.6702355	.6905148

Elem	Li6707
Units	ppm
Avg	.1262487
Stddev	.0001341
%RSD	.1062494
#1	.1263471
#2	.1260959
#3	.1263030

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2503.646	31706.15	2581.367	2101.497	1646.016
Stddev	6.239	169.66	3.882	15.079	1.984
%RSD	.2491960	.5350951	.1503760	.7175554	.1205111
#1	2496.548	31518.43	2579.941	2087.356	1644.326
#2	2508.263	31751.47	2585.760	2117.366	1645.522
#3	2506.126	31848.55	2578.400	2099.769	1648.200

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: P5087-16 Acquired: 12/27/2024 22:40:48 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLZ2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1422319	-.047696	.7696984	.0802809	-.003865	62.13356
Stddev	.0011043	.003285	.0040456	.0058836	.002001	.82924
%RSD	.7764215	6.886621	.5256053	7.328830	51.77078	1.334608
#1	.1426703	-.048097	.7673911	.0805692	-.005258	61.57272
#2	.1430497	-.044229	.7673345	.0742584	-.001572	61.74188
#3	.1409757	-.050762	.7743697	.0860151	-.004766	63.08609

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.645126	.0064243	.0067515	211.6018	.1066993	.1474107
Stddev	.024197	.0002637	.0000601	2.8837	.0006683	.0008124
%RSD	1.470835	4.105356	.8909059	1.362794	.6262995	.5511179
#1	1.629904	.0061659	.0068142	209.7347	.1062698	.1482240
#2	1.632446	.0064139	.0067460	210.1476	.1074692	.1465992
#3	1.673028	.0066931	.0066943	214.9230	.1063589	.1474087

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3211262	162.2249	18.15412	48.44840	.1976939	-.029221
Stddev	.0063468	2.5815	.25184	.86939	.0008955	.001145
%RSD	1.976419	1.591285	1.387251	1.794462	.4529869	3.917285
#1	.3198439	160.2967	17.99018	47.67099	.1982417	-.030089
#2	.3155185	161.2203	18.02809	48.28704	.1966604	-.029650
#3	.3280163	165.1576	18.44410	49.38716	.1981795	-.027923

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4357620	.1354447	1.068324	6.739607	F 11.11586	.0467836
Stddev	.0158744	.0062905	.002238	.172601	.02801	.0044026
%RSD	3.642902	4.644362	.2094595	2.560989	.2520225	9.410569
#1	.4448367	.1349817	1.069048	6.823994	11.14749	.0462055
#2	.4174321	.1419540	1.070110	6.541048	11.09419	.0426985
#3	.4450172	.1293985	1.065814	6.853779	11.10589	.0514466

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: P5087-16 Acquired: 12/27/2024 22:40:48 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLZ2 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0083414	2.797113	6.651043	.1310067	.6482270	.1364266
Stddev	.0003717	.006246	.062747	.0010989	.0103405	.0012473
%RSD	4.456357	.2232906	.9434173	.8388226	1.595191	.9142432
#1	.0086308	2.802918	6.579089	.1305202	.6400096	.1362752
#2	.0079221	2.790505	6.694377	.1322649	.6448337	.1352620
#3	.0084711	2.797915	6.679663	.1302350	.6598378	.1377427

Elem	Li6707
Units	ppm
Avg	.1236093
Stddev	.0039657
%RSD	3.208251
#1	.1203074
#2	.1225125
#3	.1280080

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2592.188	32867.36	2642.851	2179.048	1787.092
Stddev	6.737	175.71	28.458	11.450	3.157
%RSD	.2598955	.5346061	1.076793	.5254663	.1766297
#1	2591.184	32824.50	2673.309	2172.943	1785.488
#2	2586.010	33060.53	2638.304	2192.257	1785.060
#3	2599.371	32717.04	2616.941	2171.945	1790.729

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: P5087-17 Acquired: 12/27/2024 22:44:37 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLZ3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0649991	-.030408	.2497791	.0346235	-.014690	41.36536	.5406086
Stddev	.0031955	.000948	.0037523	.0082923	.001704	.06995	.0033486
%RSD	4.916221	3.118743	1.502232	23.94994	11.59763	.1690939	.6194202
#1	.0665007	-.030867	.2503592	.0292520	-.015707	41.37440	.5372704
#2	.0671672	-.029317	.2532075	.0304446	-.012723	41.29133	.5405879
#3	.0613294	-.031039	.2457705	.0441738	-.015640	41.43034	.5439675

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0046463	.0022437	450.9912	.0654134	.1001639	.2541873	113.7165
Stddev	.0000644	.0001288	1.3108	.0002860	.0010980	.0035181	.1415
%RSD	1.385958	5.739882	.2906420	.4372824	1.096251	1.384078	.1243891
#1	.0046959	.0023922	450.0056	.0652268	.0991890	.2582457	113.5869
#2	.0046695	.0021761	450.4893	.0657427	.0999493	.2523153	113.6951
#3	.0045735	.0021627	452.4788	.0652707	.1013534	.2520010	113.8674

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.877115	107.1732	.1159936	-.021190	.5195404	.1061241	.5103046
Stddev	.020872	.3621	.0005449	.000814	.0292129	.0050382	.0011519
%RSD	.2649722	.3378763	.4697539	3.840251	5.622835	4.747448	.2257221
#1	7.866118	107.0150	.1158099	-.022121	.5128054	.1112717	.5116151
#2	7.864040	106.9171	.1155643	-.020612	.5515326	.1058976	.5094526
#3	7.901186	107.5875	.1166066	-.020837	.4942832	.1012030	.5098459

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.469420	6.147721	.0331494	.0032559	.9496010	5.611970	.0207061
Stddev	.233860	.009284	.0004376	.0001761	.0034481	.026155	.0004760
%RSD	5.232444	.1510136	1.320232	5.408210	.3631099	.4660608	2.298741
#1	4.223609	6.139064	.0334529	.0031617	.9469019	5.622685	.0208243
#2	4.495512	6.157525	.0333475	.0034591	.9534854	5.631066	.0201821
#3	4.689140	6.146575	.0326477	.0031470	.9484157	5.582159	.0211118

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: P5087-17 Acquired: 12/27/2024 22:44:37 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLZ3 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.4981441	.3880684	.0965428
Stddev	.0012766	.0018555	.0018790
%RSD	.2562734	.4781452	1.946293
#1	.4979673	.3873235	.0971291
#2	.4969651	.3867011	.0944405
#3	.4994999	.3901807	.0980587

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2305.070	29299.43	2360.552	1937.447	1699.443
Stddev	4.739	82.29	12.358	8.274	5.502
%RSD	.2055983	.2808536	.5235020	.4270423	.3237260
#1	2304.918	29204.55	2348.190	1929.147	1699.403
#2	2309.883	29342.52	2360.563	1945.694	1704.964
#3	2300.409	29351.23	2372.905	1937.499	1693.961

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: P5087-18 Acquired: 12/27/2024 22:48:27 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHM34 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1134875	-.047563	.3677783	.0647979	-.010112	24.86270
Stddev	.0035191	.007718	.0032427	.0039501	.003014	.34882
%RSD	3.100838	16.22652	.8816897	6.095952	29.80559	1.402966
#1	.1167988	-.047670	.3680468	.0647861	-.012017	25.06330
#2	.1138716	-.055226	.3708784	.0687539	-.011682	25.06488
#3	.1097922	-.039792	.3644098	.0608538	-.006637	24.45992

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.081196	.0055353	.0024569	F 1422.769	.0450537	.1094775
Stddev	.016688	.0002430	.0001235	30.577	.0008935	.0006529
%RSD	1.543452	4.389437	5.028008	2.149124	1.983262	.5963528
#1	1.092808	.0055069	.0024058	1449.655	.0460484	.1102268
#2	1.088706	.0057912	.0023672	1429.144	.0447933	.1090313
#3	1.062072	.0053078	.0025978	1389.507	.0443192	.1091743

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1299119	169.8980	9.817070	307.2110	.1429465	-.035169
Stddev	.0010913	2.8432	.136116	4.3867	.0008059	.001619
%RSD	.8400632	1.673451	1.386520	1.427923	.5637798	4.602247
#1	.1311716	171.2658	9.900502	309.7835	.1434530	-.035960
#2	.1293131	171.7987	9.890710	309.7036	.1420171	-.033307
#3	.1292510	166.6294	9.659999	302.1458	.1433692	-.036241

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.104349	.0810248	.2538774	5.353901	4.123038	.0925992
Stddev	.023289	.0034772	.0012143	.078477	.011246	.0061480
%RSD	2.108888	4.291501	.4783061	1.465799	.2727502	6.639410
#1	1.084737	.0785053	.2551318	5.270735	4.129205	.0977045
#2	1.130090	.0795771	.2527076	5.364319	4.110058	.0943187
#3	1.098219	.0849919	.2537927	5.426649	4.129850	.0857745

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: P5087-18 Acquired: 12/27/2024 22:48:27 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHM34 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0009715	3.674724	4.436400	.0242599	.0932945	.8407203
Stddev	.0004277	.002246	.044181	.0014100	.0013859	.0111903
%RSD	44.02712	.0611097	.9958800	5.812259	1.485541	1.331039
#1	.0013543	3.677178	4.443703	.0234331	.0920055	.8487081
#2	.0005098	3.674224	4.476475	.0234587	.0947604	.8455223
#3	.0010503	3.672771	4.389023	.0258881	.0931174	.8279304

Elem	Li6707
Units	ppm
Avg	.0716475
Stddev	.0069941
%RSD	9.761871
#1	.0787266
#2	.0714743
#3	.0647416

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2187.953	27954.90	2336.269	1834.380	1536.779
Stddev	2.363	300.70	34.886	19.943	4.908
%RSD	.1079848	1.075670	1.493257	1.087164	.3193715
#1	2188.354	27613.66	2313.263	1811.782	1536.762
#2	2190.090	28069.94	2319.136	1841.841	1541.695
#3	2185.416	28181.09	2376.410	1849.516	1531.879

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: P5087-19 Acquired: 12/27/2024 22:52:27 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHM35 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0973600	-.041116	.7045303	.0577805	-.005021	50.66501
Stddev	.0021065	.002016	.0017400	.0007860	.001348	.25628
%RSD	2.163597	4.902671	.2469693	1.360396	26.85312	.5058239
#1	.0957917	-.039733	.7059620	.0568782	-.006483	50.70969
#2	.0997543	-.043428	.7050351	.0583168	-.003826	50.89601
#3	.0965340	-.040185	.7025937	.0581464	-.004755	50.38934

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8596445	.0055072	.0038145	208.1747	.0847089	.0992169
Stddev	.0064377	.0000450	.0001464	1.0877	.0004552	.0005523
%RSD	.7488754	.8172233	3.837359	.5224903	.5373510	.5566721
#1	.8585905	.0055558	.0038900	209.0097	.0851730	.0989670
#2	.8665442	.0054990	.0036458	208.5698	.0846906	.0988336
#3	.8537990	.0054669	.0039077	206.9447	.0842631	.0998500

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2471552	131.2810	9.231796	37.33015	.1314528	-.023182
Stddev	.0023372	.7479	.056699	.44667	.0006577	.000580
%RSD	.9456241	.5697220	.6141688	1.196544	.5003379	2.501483
#1	.2482112	131.4921	9.243308	37.62997	.1321193	-.022588
#2	.2487781	131.9008	9.281856	37.54368	.1308043	-.023211
#3	.2444765	130.4502	9.170225	36.81679	.1314349	-.023746

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4820905	.1145437	.8417123	5.231418	F 12.90844	.0403083
Stddev	.0158396	.0154931	.0028712	.064682	.01346	.0038196
%RSD	3.285613	13.52588	.3411105	1.236409	.1042730	9.475894
#1	.4668879	.1242898	.8448639	5.178685	12.89312	.0400981
#2	.4808854	.0966786	.8410278	5.211979	12.91385	.0442287
#3	.4984983	.1226629	.8392453	5.303590	12.91836	.0365982

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: P5087-19 Acquired: 12/27/2024 22:52:27 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHM35 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0043424	2.351951	7.036943	.0420832	.5436396	.1502952
Stddev	.0004057	.001965	.024772	.0020719	.0060047	.0012560
%RSD	9.341889	.0835627	.3520212	4.923287	1.104546	.8356776
#1	.0040251	2.351983	7.051712	.0405482	.5483294	.1508161
#2	.0047995	2.353900	7.050772	.0444399	.5457174	.1488626
#3	.0042026	2.349970	7.008344	.0412616	.5368719	.1512069

Elem	Li6707
Units	ppm
Avg	.1016123
Stddev	.0022675
%RSD	2.231504
#1	.1001269
#2	.1004878
#3	.1042222

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2545.967	32358.71	2547.267	2146.927	1806.754
Stddev	4.913	9.45	11.348	3.672	4.854
%RSD	.1929805	.0291888	.4455151	.1710122	.2686531
#1	2542.438	32369.14	2537.890	2144.079	1804.109
#2	2551.579	32350.74	2544.029	2151.071	1812.356
#3	2543.885	32356.25	2559.883	2145.632	1803.798

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: CCV025 Acquired: 12/27/2024 22:56:17 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV025 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.879526	4.674473	23.85021	4.699151	4.649621	389.7996	9.950260
Stddev	.005638	.008673	.04073	.011852	.013481	1.8120	.046992
%RSD	.1155499	.1855295	.1707734	.2522256	.2899443	.4648569	.4722641
#1	4.875130	4.676010	23.87030	4.707877	4.640068	388.8339	9.931755
#2	4.877565	4.665135	23.80334	4.685657	4.643754	388.6749	9.915337
#3	4.885883	4.682275	23.87700	4.703920	4.665042	391.8899	10.00369

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5034757	2.407913	394.9203	14.91910	2.419147	14.75207	394.1216
Stddev	.0031976	.004883	1.5541	.01662	.004229	.03183	2.1404
%RSD	.6351065	.2027703	.3935190	.1114320	.1747964	.2157358	.5430734
#1	.5071637	2.409372	394.0168	14.93822	2.421050	14.73208	393.1104
#2	.5014775	2.402468	394.0294	14.91101	2.414302	14.73536	392.6741
#3	.5017860	2.411901	396.7148	14.90807	2.422090	14.78877	396.5802

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.59742	395.6605	2.404454	1.176335	405.5674	2.453576	14.24301
Stddev	.05720	2.1159	.006235	.003642	1.1114	.005358	.03544
%RSD	.3918233	.5347831	.2593217	.3095718	.2740270	.2183876	.2488136
#1	14.56572	396.6887	2.405690	1.178805	405.5817	2.452615	14.25058
#2	14.56309	393.2270	2.397693	1.172152	404.4490	2.448763	14.20440
#3	14.66345	397.0659	2.409978	1.178047	406.6716	2.459350	14.27405

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	152.5129	4.828381	4.843652	4.606701	4.857817	4.918187	4.854414
Stddev	.7803	.002685	.023001	.007631	.010716	.032251	.016388
%RSD	.5116219	.0556096	.4748681	.1656407	.2206022	.6557433	.3375875
#1	152.5444	4.828637	4.869993	4.604451	4.870177	4.954107	4.857034
#2	151.7173	4.825578	4.827538	4.600448	4.852141	4.891716	4.836875
#3	153.2769	4.830930	4.833426	4.615203	4.851131	4.908739	4.869335

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: CCV025 Acquired: 12/27/2024 22:56:17 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV025 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	4.967792	4.672717	5.118248
Stddev	.015584	.015383	.032093
%RSD	.3136936	.3292178	.6270357
#1	4.958777	4.659648	5.094505
#2	4.958813	4.668832	5.105478
#3	4.985787	4.689670	5.154761

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1710.465	23822.78	1963.576	1426.787	1547.125
Stddev	2.464	44.59	12.031	3.672	3.336
%RSD	.1440789	.1871637	.6127128	.2573703	.2156045
#1	1707.985	23777.44	1949.799	1422.708	1543.944
#2	1712.914	23824.34	1972.012	1429.830	1550.596
#3	1710.495	23866.57	1968.917	1427.824	1546.834

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: CCB025 Acquired: 12/27/2024 23:00:02 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB025 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003139	-.002591	.0036224	.0014196	-.001318	.0397249
Stddev	.0050362	.001084	.0017102	.0062629	.003022	.0188310
%RSD	1604.562	41.81424	47.21208	441.1868	229.2614	47.40344
#1	.0055390	-.001716	.0055672	-.003242	-.000591	.0471229
#2	-.000088	-.003803	.0023535	.008538	-.004637	.0183184
#3	-.004509	-.002255	.0029464	-.001038	.001274	.0537335

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.005952	.0000477	.0001169	.0305524	.0003117	-.000137
Stddev	.001350	.0000387	.0000424	.0308039	.0008884	.000829
%RSD	22.67767	81.11402	36.28552	100.8231	285.0640	606.8828
#1	-.007084	.0000032	.0000735	.0612769	.0013375	-.000152
#2	-.004458	.0000663	.0001582	.0307103	-.000192	.000700
#3	-.006315	.0000735	.0001189	-.000330	-.000211	-.000958

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.006250	.0312254	.0064179	.0353463	-.000150	.0012908
Stddev	.009350	.0338377	.0013477	.0996961	.000467	.0013829
%RSD	149.5983	108.3658	20.99977	282.0551	312.0633	107.1303
#1	.004083	.0677118	.0052874	.1351069	.000382	.0001563
#2	-.014126	.0250879	.0079094	.0352174	-.000495	.0028312
#3	-.008708	.0008766	.0060569	-.064285	-.000336	.0008850

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0276688	-.007308	.0322477	.8041394	-.003259	.0062293
Stddev	.0259561	.002552	.0002614	.1391798	.002601	.0009434
%RSD	93.81006	34.91234	.8105917	17.30791	79.80542	15.14451
#1	.0200806	-.009665	.0319472	.6845988	-.000762	.0064011
#2	.0565733	-.004599	.0324222	.9569341	-.005952	.0052118
#3	.0063524	-.007661	.0323739	.7708854	-.003062	.0070751

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: CCB025 Acquired: 12/27/2024 23:00:02 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB025 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001688	.0141885	-.002340	-.004171	-.002932	.0000639
Stddev	.0004733	.0034531	.000796	.001513	.001481	.0001148
%RSD	280.4214	24.33701	34.00559	36.28345	50.49085	179.5690
#1	.0006831	.0155023	-.001868	-.002612	-.004010	.0001841
#2	-.000248	.0167918	-.003259	-.005634	-.001244	.0000521
#3	.000072	.0102714	-.001894	-.004268	-.003542	-.000044

Elem	Li6707
Units	ppm
Avg	F .0483061
Stddev	.0066199
%RSD	13.70400
#1	.0419004
#2	.0478968
#3	.0551211

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2102.456	26584.13	2040.913	1770.459	1902.826
Stddev	6.170	50.67	1.949	4.763	3.822
%RSD	.2934578	.1905959	.0955142	.2690246	.2008498
#1	2097.951	26638.92	2040.756	1775.730	1898.633
#2	2109.488	26538.96	2039.047	1766.465	1906.113
#3	2099.928	26574.52	2042.937	1769.182	1903.732

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: P5266-01 Acquired: 12/27/2024 23:04:03 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME28Y6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1053251	-.062967	.1332803	.0856649	-.006271	70.83167	.8944336
Stddev	.0044370	.001654	.0006207	.0023073	.005973	.14917	.0019096
%RSD	4.212699	2.626937	.4656835	2.693424	95.25951	.2105977	.2134946
#1	.1043070	-.061836	.1339963	.0881068	-.012261	70.96310	.8963167
#2	.1101827	-.062199	.1329508	.0853666	-.000314	70.66954	.8924986
#3	.1014857	-.064865	.1328940	.0835212	-.006237	70.86237	.8944857

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0081684	.0094491	666.0728	.1401196	.1435634	.1479035	192.0670
Stddev	.0001689	.0001358	2.0814	.0006819	.0002642	.0060358	.3361
%RSD	2.067939	1.437220	.3124957	.4866600	.1839987	4.080882	.1749901
#1	.0082761	.0092932	667.7812	.1406168	.1432776	.1485480	191.8743
#2	.0082554	.0095415	663.7545	.1393423	.1436140	.1535911	191.8716
#3	.0079738	.0095126	666.6827	.1403998	.1437986	.1415713	192.4551

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.083915	219.2230	.3459634	-.040987	1.207355	.2723050	.5542502
Stddev	.005187	.1564	.0017248	.000264	.005579	.0100306	.0027688
%RSD	.1682099	.0713251	.4985564	.6433837	.4621070	3.683596	.4995579
#1	3.080257	219.3947	.3467444	-.040884	1.212771	.2800107	.5554577
#2	3.081637	219.0889	.3439862	-.041287	1.207670	.2609635	.5562102
#3	3.089852	219.1855	.3471595	-.040791	1.201626	.2759408	.5510828

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.74758	3.477814	.0981960	.0777067	36.18879	4.304547	.0268211
Stddev	.24113	.008086	.0040267	.0002900	.04149	.044085	.0016552
%RSD	1.753997	.2325009	4.100646	.3731767	.1146394	1.024143	6.171148
#1	13.85105	3.470783	.0940118	.0780139	36.14541	4.332470	.0265815
#2	13.47198	3.486650	.0985320	.0776684	36.19287	4.327446	.0252988
#3	13.91971	3.476009	.1020441	.0774377	36.22809	4.253725	.0285830

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: P5266-01 Acquired: 12/27/2024 23:04:03 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME28Y6 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	1.207014	1.764102	.2137192
Stddev	.005217	.008764	.0036077
%RSD	.4322593	.4967753	1.688067
#1	1.201089	1.772864	.2131451
#2	1.209030	1.755337	.2104329
#3	1.210922	1.764105	.2175795

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2184.851	27831.96	2260.394	1838.106	1660.775
Stddev	2.636	50.23	28.003	10.246	.789
%RSD	.1206602	.1804685	1.238870	.5574185	.0475270
#1	2187.892	27774.58	2236.251	1828.700	1660.336
#2	2183.204	27853.33	2253.837	1836.593	1660.302
#3	2183.458	27867.97	2291.094	1849.024	1661.686

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: P5266-02 Acquired: 12/27/2024 23:07:51 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME28Y7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1194509	-.115473	.4868554	.1453595	.0150741	89.60522	.8002959
Stddev	.0069884	.002900	.0031631	.0045179	.0017919	.16064	.0004706
%RSD	5.850475	2.511243	.6496894	3.108084	11.88694	.1792756	.0588035
#1	.1260450	-.116436	.4865732	.1405090	.0161595	89.56772	.8006631
#2	.1121256	-.117769	.4838429	.1494478	.0130059	89.46664	.7997654
#3	.1201821	-.112215	.4901501	.1461218	.0160569	89.78129	.8004592

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0112429	.0047325	408.4846	.2890571	.1526111	.1636138	295.6991
Stddev	.0001957	.0001222	1.3116	.0010456	.0001438	.0063338	.3627
%RSD	1.740321	2.582581	.3210797	.3617419	.0942431	3.871186	.1226525
#1	.0114220	.0048537	408.9216	.2882676	.1524932	.1584304	295.7127
#2	.0110341	.0046092	407.0103	.2886608	.1527713	.1617370	295.3299
#3	.0112726	.0047345	409.5219	.2902430	.1525687	.1706738	296.0548

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.728561	170.9379	.3407965	-.059772	1.060602	.2877698	.9895668
Stddev	.019943	.5949	.0009847	.000980	.051736	.0070962	.0033306
%RSD	.2963891	.3480244	.2889391	1.639336	4.877991	2.465922	.3365704
#1	6.728287	171.2461	.3407189	-.059227	1.115417	.2917593	.9932776
#2	6.708756	170.2522	.3398529	-.059186	1.012624	.2795768	.9868367
#3	6.748638	171.3155	.3418177	-.060903	1.053766	.2919734	.9885860

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.62279	4.878773	.1078562	.0183073	8.165069	5.950446	.0411217
Stddev	.13418	.005630	.0017895	.0005318	.006348	.042449	.0005691
%RSD	.8588683	.1153937	1.659123	2.904968	.0777455	.7133669	1.384017
#1	15.73935	4.873949	.1059558	.0178602	8.164387	5.998884	.0405379
#2	15.65290	4.877413	.1081040	.0181664	8.159090	5.932723	.0416749
#3	15.47611	4.884959	.1095089	.0188954	8.171731	5.919731	.0411522

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: P5266-02 Acquired: 12/27/2024 23:07:51 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME28Y7 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	1.458737	.2145788	.2429226
Stddev	.009741	.0013840	.0008515
%RSD	.6677517	.6449938	.3505278
#1	1.455754	.2144442	.2426750
#2	1.450836	.2132669	.2438705
#3	1.469620	.2160251	.2422224

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2210.114	28234.53	2274.519	1864.106	1687.863
Stddev	3.984	58.35	17.724	8.452	3.406
%RSD	.1802628	.2066540	.7792369	.4534218	.2017973
#1	2212.424	28214.02	2255.467	1855.446	1688.709
#2	2212.405	28300.36	2290.517	1872.334	1690.766
#3	2205.514	28189.20	2277.573	1864.539	1684.113

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: P5266-03 Acquired: 12/27/2024 23:11:39 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME28Y8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1217896	-.121080	.6871942	.1531411	.0243770	80.16607	.8156562
Stddev	.0012350	.001041	.0026612	.0076921	.0033913	.18002	.0037482
%RSD	1.014009	.8597554	.3872622	5.022861	13.91170	.2245569	.4595258
#1	.1203887	-.120068	.6861840	.1449205	.0257624	80.05397	.8118846
#2	.1227206	-.122148	.6902127	.1601641	.0268562	80.37371	.8193804
#3	.1222596	-.121023	.6851860	.1543388	.0205123	80.07052	.8157036

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0111684	.0070705	369.4206	.3538902	.1463351	.1947472	304.6669
Stddev	.0001744	.0000215	.9010	.0021284	.0004311	.0028852	1.2472
%RSD	1.561342	.3045037	.2438841	.6014243	.2946072	1.481526	.4093560
#1	.0110495	.0070571	368.5778	.3562505	.1458770	.1961125	303.5382
#2	.0110870	.0070591	370.3702	.3521171	.1467328	.1914327	306.0058
#3	.0113685	.0070953	369.3138	.3533029	.1463956	.1966963	304.4566

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.223202	164.3485	.3782246	-.061380	.9929733	.2754385	1.184945
Stddev	.039983	1.0300	.0008578	.001529	.0076645	.0081491	.003232
%RSD	.4862216	.6267244	.2267831	2.491628	.7718749	2.958598	.2727694
#1	8.181763	163.3032	.3784234	-.062982	.9852437	.2766080	1.188677
#2	8.261550	165.3625	.3789655	-.059936	.9931051	.2667678	1.183075
#3	8.226291	164.3797	.3772849	-.061222	1.000571	.2829396	1.183082

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.72401	5.175897	.0910005	.0216755	6.612008	5.968134	.0483707
Stddev	.12145	.009526	.0011837	.0002570	.012221	.039512	.0008982
%RSD	.9545208	.1840490	1.300818	1.185633	.1848365	.6620491	1.856910
#1	12.85995	5.166441	.0905658	.0219567	6.617383	5.956089	.0492758
#2	12.68588	5.175756	.0923401	.0216172	6.598020	5.936047	.0483570
#3	12.62619	5.185492	.0900955	.0214528	6.620620	6.012267	.0474795

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: P5266-03 Acquired: 12/27/2024 23:11:39 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME28Y8 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	1.548969	.1088666	.1955602
Stddev	.010329	.0003613	.0038835
%RSD	.6668371	.3318462	1.985843
#1	1.552616	.1084753	.1966013
#2	1.556980	.1091874	.1912623
#3	1.537311	.1089371	.1988171

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2223.488	28444.01	2278.167	1869.207	1701.783
Stddev	1.624	170.78	4.911	12.018	1.127
%RSD	.0730401	.6004224	.2155684	.6429646	.0662405
#1	2222.853	28349.25	2283.568	1864.178	1700.482
#2	2222.278	28341.62	2276.964	1860.519	1702.457
#3	2225.334	28641.17	2273.969	1882.922	1702.410

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: P5266-05 Acquired: 12/27/2024 23:15:25 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME28Z0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0924956	-.086918	.4292309	.1062488	.0068687	65.02277	.7254913
Stddev	.0015007	.002236	.0034653	.0015303	.0033094	.16940	.0023569
%RSD	1.622412	2.572438	.8073383	1.440304	48.18028	.2605257	.3248667
#1	.0935901	-.088502	.4308122	.1070840	.0074316	65.01093	.7240491
#2	.0907849	-.087892	.4252569	.1044826	.0033140	64.85960	.7282111
#3	.0931117	-.084360	.4316235	.1071798	.0098605	65.19778	.7242136

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0088022	.0045204	335.3589	.2150461	.1232510	.1630581	225.2314
Stddev	.0001461	.0001294	.9974	.0008941	.0005759	.0081530	.7892
%RSD	1.659353	2.862854	.2974197	.4157708	.4672669	5.000037	.3503749
#1	.0087849	.0043871	335.5306	.2140564	.1229059	.1694227	225.0598
#2	.0086657	.0046456	334.2867	.2152864	.1229313	.1538684	224.5422
#3	.0089562	.0045284	336.2593	.2157954	.1239159	.1658834	226.0923

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.825146	159.4418	.2796077	-.044685	.8481033	.2106905	.7674940
Stddev	.024961	.4452	.0008482	.001105	.0271832	.0128749	.0041217
%RSD	.4285101	.2792542	.3033503	2.472198	3.205172	6.110814	.5370290
#1	5.818434	159.1925	.2787305	-.044750	.8215734	.2223054	.7636887
#2	5.804228	159.1771	.2796691	-.045755	.8468407	.1968467	.7718721
#3	5.852778	159.9559	.2804235	-.043548	.8758958	.2129193	.7669211

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.08390	4.820422	.0783826	.0161283	5.707189	5.551334	.0348625
Stddev	.13158	.011153	.0012556	.0005913	.015497	.019222	.0008599
%RSD	1.187170	.2313638	1.601888	3.666258	.2715324	.3462650	2.466443
#1	11.00871	4.816079	.0797775	.0160472	5.701721	5.537841	.0338971
#2	11.23584	4.812094	.0780273	.0155817	5.695166	5.573343	.0355459
#3	11.00716	4.833093	.0773429	.0167559	5.724678	5.542817	.0351447

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: P5266-05 Acquired: 12/27/2024 23:15:25 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME28Z0 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	1.460426	.1400511	.1604698
Stddev	.009969	.0006354	.0058319
%RSD	.6825868	.4536544	3.634241
#1	1.458224	.1404038	.1561902
#2	1.451742	.1393177	.1581068
#3	1.471311	.1404319	.1671123

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2227.930	28617.39	2261.611	1896.014	1730.202
Stddev	6.457	136.06	9.881	11.723	4.570
%RSD	.2898311	.4754356	.4368951	.6183141	.2641038
#1	2234.218	28600.82	2269.036	1901.670	1735.361
#2	2228.256	28760.98	2265.401	1903.837	1728.583
#3	2221.316	28490.38	2250.396	1882.535	1726.663

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: P5266-06 Acquired: 12/27/2024 23:19:12 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME28Z1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1225438	-.094040	.2883752	.1116236	.0072237	82.51398	.6855486
Stddev	.0019796	.003459	.0021209	.0081021	.0053984	.24869	.0032553
%RSD	1.615397	3.678483	.7354571	7.258412	74.73166	.3013914	.4748402
#1	.1202582	-.097728	.2874740	.1029368	.0098692	82.77534	.6888309
#2	.1237143	-.090867	.2868538	.1189751	.0107891	82.48633	.6854939
#3	.1236588	-.093526	.2907979	.1129589	.0010129	82.28027	.6823210

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0097924	.0026459	471.7745	.1973228	.1579979	.1847864	246.8568
Stddev	.0001961	.0001060	1.3089	.0016176	.0001174	.0019582	.4329
%RSD	2.002204	4.004803	.2774459	.8197931	.0742842	1.059731	.1753601
#1	.0100027	.0027677	473.0016	.1954616	.1580370	.1851754	247.3538
#2	.0096147	.0025944	471.9250	.1981168	.1580908	.1865210	246.6546
#3	.0097597	.0025755	470.3968	.1983901	.1578660	.1826629	246.5620

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.789671	217.8641	.3316048	-.051985	1.040144	.2680572	.5442118
Stddev	.016268	1.0691	.0005866	.000738	.027188	.0100086	.0014857
%RSD	.3396557	.4907194	.1768998	1.420266	2.613881	3.733753	.2729939
#1	4.805374	218.8797	.3315120	-.051163	1.060102	.2735649	.5426427
#2	4.790749	217.9640	.3310701	-.052593	1.051151	.2741023	.5455969
#3	4.772891	216.7486	.3322322	-.052198	1.009178	.2565044	.5443959

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.49143	4.941577	.0994214	.0166087	9.218788	5.577893	.0400161
Stddev	.27020	.004641	.0046219	.0007290	.005438	.028489	.0010047
%RSD	1.864533	.0939168	4.648784	4.389048	.0589928	.5107518	2.510782
#1	14.54298	4.946875	.1047571	.0157678	9.216480	5.603897	.0398219
#2	14.73214	4.938231	.0968496	.0169982	9.225000	5.582339	.0391226
#3	14.19917	4.939624	.0966575	.0170603	9.214884	5.547442	.0411037

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: P5266-06 Acquired: 12/27/2024 23:19:12 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME28Z1 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	1.473085	.2101330	.2337273
Stddev	.008040	.0004480	.0025378
%RSD	.5458258	.2131726	1.085796
#1	1.471859	.2104063	.2328316
#2	1.481668	.2103766	.2317588
#3	1.465728	.2096160	.2365915

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2180.843	27736.09	2245.819	1830.003	1648.852
Stddev	5.918	132.23	4.210	5.043	4.769
%RSD	.2713618	.4767539	.1874495	.2755701	.2892125
#1	2185.599	27826.98	2241.757	1835.713	1654.311
#2	2182.714	27796.91	2250.162	1828.136	1646.744
#3	2174.216	27584.40	2245.538	1826.160	1645.499

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: P5266-07 Acquired: 12/27/2024 23:23:00 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME28Z2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1626967	-.209922	.8860655	.2755024	.0501078	81.91961	.7984039
Stddev	.0089653	.000469	.0006611	.0043783	.0026757	.26630	.0078841
%RSD	5.510434	.2233183	.0746071	1.589206	5.339878	.3250688	.9874835
#1	.1550585	-.209625	.8865369	.2797116	.0484706	81.79887	.7979274
#2	.1725672	-.209679	.8853098	.2709726	.0531955	81.73508	.7907688
#3	.1604643	-.210463	.8863496	.2758229	.0486572	82.22489	.8065154

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0160300	.0047864	153.6260	.4680808	.1445936	.1668399	480.5603
Stddev	.0001795	.0001587	.6252	.0010254	.0007665	.0050533	1.9812
%RSD	1.119494	3.316540	.4069730	.2190651	.5300753	3.028859	.4122587
#1	.0161894	.0049199	153.3604	.4688720	.1451292	.1676564	479.8065
#2	.0158356	.0048285	153.1774	.4684482	.1437156	.1614280	479.0666
#3	.0160648	.0046109	154.3402	.4669224	.1449359	.1714353	482.8076

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.74122	87.43627	.3353583	-.098070	.8623280	.3036993	1.198373
Stddev	.04610	.37978	.0007311	.001745	.0180904	.0031016	.005341
%RSD	.4291861	.4343557	.2179899	1.779556	2.097852	1.021261	.4457034
#1	10.71313	87.51045	.3359099	-.099546	.8794087	.3008315	1.202227
#2	10.71610	87.02487	.3345291	-.098521	.8642015	.3032753	1.192276
#3	10.79442	87.77350	.3356360	-.096144	.8433738	.3069910	1.200616

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.574277	4.217632	.0841898	.0410395	4.751828	6.513713	.0572740
Stddev	.140215	.006451	.0015275	.0007015	.011630	.003308	.0022135
%RSD	1.464498	.1529517	1.814294	1.709297	.2447478	.0507873	3.864783
#1	9.496074	4.221708	.0852096	.0418402	4.765249	6.517315	.0553460
#2	9.490603	4.220993	.0824336	.0405331	4.744715	6.513011	.0596912
#3	9.736152	4.210195	.0849261	.0407453	4.745519	6.510812	.0567848

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: P5266-07 Acquired: 12/27/2024 23:23:00 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME28Z2 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	1.460775	-.254511	.1494751
Stddev	.016089	.000874	.0031381
%RSD	1.101421	.3433023	2.099435
#1	1.453621	-.254933	.1465844
#2	1.449503	-.253506	.1490282
#3	1.479200	-.255093	.1528127

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2265.653	28973.17	2290.087	1914.594	1808.597
Stddev	5.827	37.46	1.497	8.079	3.539
%RSD	.2571928	.1292883	.0653571	.4219605	.1957040
#1	2270.755	29007.73	2291.553	1915.293	1812.301
#2	2266.900	28933.36	2290.147	1922.301	1808.241
#3	2259.303	28978.42	2288.561	1906.189	1805.249

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: P5266-08 Acquired: 12/27/2024 23:26:46 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME28Z3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1182652	-.134041	.6413731	.1735829	.0215357	68.60264	.8052278
Stddev	.0042577	.003473	.0029314	.0018691	.0025232	.89728	.0109199
%RSD	3.600108	2.591184	.4570461	1.076764	11.71653	1.307939	1.356125
#1	.1194043	-.134666	.6421243	.1714735	.0210303	69.04744	.8113200
#2	.1135539	-.130298	.6381393	.1742426	.0193034	67.56985	.7926209
#3	.1218375	-.137160	.6438558	.1750327	.0242733	69.19063	.8117423

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0105140	.0039286	346.3165	.3891271	.1374641	.1501080	333.9197
Stddev	.0003017	.0001149	4.8670	.0008711	.0006507	.0031356	4.5426
%RSD	2.869563	2.924987	1.405351	.2238502	.4733865	2.088928	1.360373
#1	.0104687	.0038483	348.6046	.3900626	.1381633	.1491056	336.5265
#2	.0108358	.0040602	340.7271	.3889794	.1373529	.1475961	328.6744
#3	.0102375	.0038772	349.6178	.3883393	.1368761	.1536222	336.5581

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.36206	158.1483	.3473339	-.068950	.8675686	.2566681	1.032520
Stddev	.13329	1.8931	.0015954	.000691	.0475191	.0025457	.003888
%RSD	1.286289	1.197029	.4593320	1.002654	5.477276	.9918152	.3765389
#1	10.43378	159.1251	.3491006	-.068393	.9120212	.2593445	1.030118
#2	10.20827	155.9664	.3469026	-.069724	.8174848	.2563824	1.037006
#3	10.44413	159.3535	.3459984	-.068734	.8731999	.2542773	1.030437

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.77093	5.537809	.1102689	.0206628	7.350239	5.783957	.0423076
Stddev	.22243	.008668	.0031098	.0006833	.022879	.087393	.0004147
%RSD	1.889664	.1565313	2.820207	3.306742	.3112729	1.510953	.9801863
#1	11.92105	5.543803	.1113946	.0198740	7.372451	5.871575	.0424536
#2	11.51539	5.527870	.1126591	.0210445	7.326746	5.696791	.0426296
#3	11.87634	5.541755	.1067530	.0210700	7.351521	5.783504	.0418397

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: P5266-08 Acquired: 12/27/2024 23:26:46 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME28Z3 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	1.503327	.1342564	.1833988
Stddev	.015268	.0014153	.0050446
%RSD	1.015591	1.054206	2.750592
#1	1.517012	.1345633	.1793752
#2	1.486860	.1327128	.1817630
#3	1.506111	.1354931	.1890583

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2194.810	28017.20	2262.849	1844.848	1715.052
Stddev	4.245	135.92	37.351	7.194	2.649
%RSD	.1934248	.4851448	1.650631	.3899355	.1544431
#1	2190.835	28049.23	2231.267	1848.991	1712.599
#2	2194.313	28134.26	2304.077	1849.011	1717.860
#3	2199.282	27868.13	2253.202	1836.541	1714.697

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: P5266-09 Acquired: 12/27/2024 23:30:33 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME28Z4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1551748	-.250611	.6278842	.3282810	.0634053	74.47237	1.625495
Stddev	.0043905	.002112	.0012752	.0021877	.0067365	1.00509	.027260
%RSD	2.829371	.8427710	.2030955	.6664170	10.62446	1.349617	1.677057
#1	.1584435	-.249521	.6285055	.3298023	.0611159	74.54619	1.626333
#2	.1568965	-.249266	.6264174	.3257738	.0581120	73.43241	1.597825
#3	.1501844	-.253045	.6287297	.3292669	.0709881	75.43852	1.652327

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0159409	.0057774	222.2239	.6438613	.1400675	.2872539	568.9118
Stddev	.0003378	.0000418	3.1645	.0032093	.0008044	.0055289	7.2335
%RSD	2.119060	.7236827	1.424015	.4984465	.5743128	1.924726	1.271460
#1	.0162567	.0058256	222.1705	.6469723	.1391694	.2925251	569.0046
#2	.0155847	.0057505	219.0864	.6440495	.1407218	.2814991	561.6323
#3	.0159813	.0057561	225.4148	.6405620	.1403112	.2877375	576.0984

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.167884	110.8738	.4880471	-.120693	.8185896	.3689638	1.111847
Stddev	.127181	1.6617	.0003188	.001982	.0055686	.0065270	.002892
%RSD	1.387247	1.498709	.0653146	1.642535	.6802668	1.769019	.2601440
#1	9.173467	111.4041	.4876839	-.122982	.8160065	.3619483	1.115066
#2	9.038003	109.0117	.4882805	-.119563	.8147817	.3700865	1.109468
#3	9.292181	112.2056	.4881769	-.119535	.8249807	.3748568	1.111005

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.98266	4.949672	.1015147	.0558559	6.196971	5.611909	.0681367
Stddev	.19902	.019103	.0072439	.0001057	.031303	.074120	.0015015
%RSD	1.812137	.3859346	7.135821	.1893034	.5051329	1.320759	2.203602
#1	11.01557	4.946254	.0933452	.0559779	6.171682	5.641113	.0688729
#2	10.76923	4.932509	.1040442	.0557989	6.187249	5.527636	.0691278
#3	11.16317	4.970253	.1071547	.0557909	6.231981	5.666979	.0664092

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: P5266-09 Acquired: 12/27/2024 23:30:33 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME28Z4 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	1.356980	-.101072	.1705996
Stddev	.022210	.001171	.0011876
%RSD	1.636719	1.158893	.6961059
#1	1.352135	-.100909	.1703242
#2	1.337591	-.099991	.1719006
#3	1.381212	-.102316	.1695739

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2202.569	28033.55	2250.596	1847.463	1782.699
Stddev	2.256	60.40	31.328	5.492	.814
%RSD	.1024049	.2154464	1.391974	.2972714	.0456657
#1	2199.967	27996.61	2245.967	1847.175	1781.773
#2	2203.974	28103.25	2283.980	1853.093	1783.020
#3	2203.766	28000.79	2221.840	1842.120	1783.304

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: P5266-10 Acquired: 12/27/2024 23:34:18 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME28Z5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1581683	-.214777	.6434312	.2766035	.0460066	82.06239	4.141400
Stddev	.0023902	.003016	.0019240	.0033477	.0033852	.12375	.005204
%RSD	1.511182	1.404179	.2990263	1.210273	7.358144	.1507960	.1256598
#1	.1577389	-.213451	.6456256	.2803631	.0498957	82.13280	4.145101
#2	.1560219	-.212651	.6420334	.2739455	.0437221	81.91951	4.135450
#3	.1607441	-.218228	.6426347	.2755017	.0444019	82.13487	4.143650

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0147318	.0049216	249.4101	.3942256	.1455606	.1764153	490.3614
Stddev	.0002495	.0000650	.2505	.0010708	.0005841	.0053967	.2182
%RSD	1.693809	1.319855	.1004463	.2716217	.4012577	3.059082	.0445013
#1	.0144512	.0049152	249.1319	.3944781	.1449910	.1731534	490.3739
#2	.0149287	.0048601	249.6178	.3951476	.1461581	.1826446	490.1372
#3	.0148156	.0049895	249.4807	.3930511	.1455326	.1734481	490.5731

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.694581	114.0149	.3280221	-.104775	.8161409	.2859214	1.872029
Stddev	.029438	.0580	.0015734	.001484	.0104743	.0171164	.003564
%RSD	.3385812	.0508329	.4796665	1.416660	1.283392	5.986390	.1903602
#1	8.724778	114.0768	.3276608	-.103065	.8064630	.2681545	1.867939
#2	8.665965	113.9619	.3266608	-.105730	.8272620	.3023031	1.873677
#3	8.693001	114.0059	.3297447	-.105530	.8146979	.2873065	1.874470

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.62470	4.832275	.1039362	.0274923	6.862635	5.414127	.0584340
Stddev	.03234	.008074	.0048386	.0002433	.026111	.020638	.0016878
%RSD	.2781829	.1670905	4.655388	.8851022	.3804788	.3811832	2.888332
#1	11.62132	4.831246	.0997000	.0276831	6.888519	5.417428	.0576409
#2	11.59418	4.824764	.1092092	.0275754	6.836303	5.392037	.0603723
#3	11.65859	4.840814	.1028994	.0272182	6.863082	5.432915	.0572889

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: P5266-10 Acquired: 12/27/2024 23:34:18 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME28Z5 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	1.460642	-.074043	.1767254
Stddev	.007370	.001857	.0026245
%RSD	.5045754	2.507625	1.485086
#1	1.467195	-.075412	.1766941
#2	1.452663	-.071929	.1793655
#3	1.462067	-.074787	.1741167

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2244.172	28734.39	2316.275	1897.979	1779.041
Stddev	.489	79.34	17.722	12.573	1.459
%RSD	.0218095	.2760997	.7651183	.6624317	.0819923
#1	2244.382	28645.32	2300.582	1885.160	1777.722
#2	2243.613	28797.47	2335.496	1910.290	1778.792
#3	2244.522	28760.39	2312.748	1898.486	1780.608

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: P5266-11 Acquired: 12/27/2024 23:38:05 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME28Z6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1631644	-.234798	.6709957	.3063174	.0543291	85.33840	1.667130
Stddev	.0058453	.000593	.0045907	.0023559	.0050946	.28162	.007106
%RSD	3.582478	.2524680	.6841666	.7691056	9.377315	.3300035	.4262599
#1	.1580178	-.235399	.6660265	.3044677	.0599186	85.60089	1.674374
#2	.1619558	-.234214	.6750788	.3089697	.0531227	85.37338	1.666845
#3	.1695195	-.234783	.6718816	.3055147	.0499460	85.04092	1.660170

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0160089	.0176427	351.3362	.4981306	.1494697	.1612779	540.8208
Stddev	.0002902	.0001113	.4295	.0019410	.0005172	.0067154	1.3743
%RSD	1.812502	.6306891	.1222532	.3896605	.3460387	4.163848	.2541182
#1	.0162966	.0177034	351.7547	.4982105	.1496215	.1689090	542.1967
#2	.0157163	.0177104	351.3575	.4961509	.1488936	.1586544	540.8178
#3	.0160138	.0175143	350.8965	.5000305	.1498941	.1562704	539.4480

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.990058	168.2745	.3738354	-.115159	.9303328	.2876905	1.446556
Stddev	.020568	.9851	.0016252	.000905	.0287597	.0130767	.003324
%RSD	.2287909	.5853987	.4347425	.7859337	3.091330	4.545420	.2297878
#1	9.010573	169.3965	.3724248	-.114119	.9626406	.2819157	1.446700
#2	8.990166	167.8757	.3734688	-.115590	.9075250	.3026605	1.443162
#3	8.969436	167.5514	.3756126	-.115769	.9208329	.2784953	1.449805

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.09422	5.101147	.1008235	.0292308	6.771115	5.792242	.0601547
Stddev	.18072	.019913	.0041811	.0005555	.020342	.044833	.0021061
%RSD	1.494305	.3903574	4.146927	1.900468	.3004213	.7740223	3.501187
#1	12.26303	5.078992	.0985746	.0291759	6.762215	5.842375	.0607760
#2	12.11606	5.106894	.0982482	.0287048	6.756740	5.778354	.0618802
#3	11.90357	5.117554	.1056477	.0298118	6.794390	5.755996	.0578078

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: P5266-11 Acquired: 12/27/2024 23:38:05 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME28Z6 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	1.457610	-.130157	.1883566
Stddev	.013042	.003171	.0012640
%RSD	.8947297	2.436062	.6710590
#1	1.457001	-.133271	.1883701
#2	1.470946	-.130266	.1896138
#3	1.444884	-.126933	.1870860

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2211.459	28323.92	2272.577	1864.688	1732.776
Stddev	3.577	16.86	15.887	2.253	3.220
%RSD	.1617599	.0595094	.6990894	.1208406	.1858345
#1	2215.585	28307.32	2254.383	1862.296	1736.470
#2	2209.550	28341.02	2279.635	1866.771	1731.296
#3	2209.241	28323.41	2283.712	1864.997	1730.561

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: P5266-12 Acquired: 12/27/2024 23:41:52 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME28Z7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0453273	-.042990	.1490580	.0336331	-.009538	46.51934	.4405896
Stddev	.0020985	.001626	.0022043	.0045342	.005534	.07574	.0023752
%RSD	4.629759	3.782428	1.478846	13.48136	58.02060	.1628240	.5390999
#1	.0439963	-.043546	.1469346	.0387137	-.007211	46.48093	.4422152
#2	.0477464	-.041159	.1513353	.0299975	-.005547	46.47051	.4378637
#3	.0442391	-.044265	.1489041	.0321881	-.015855	46.60660	.4416898

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0049010	.0011269	436.9940	.1523975	.0787162	.1567459	128.5508
Stddev	.0000677	.0001070	1.2033	.0004765	.0008763	.0058368	.3393
%RSD	1.382384	9.493947	.2753554	.3126934	1.113201	3.723756	.2639132
#1	.0048650	.0010085	436.6418	.1524352	.0797228	.1620411	128.4159
#2	.0049791	.0012165	436.0060	.1519033	.0781240	.1504873	128.2998
#3	.0048588	.0011558	438.3340	.1528541	.0783018	.1577092	128.9368

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.355390	60.90911	.1404438	-.025267	.7477310	.1203118	.2695846
Stddev	.008444	.29707	.0005835	.001074	.0093726	.0123651	.0019389
%RSD	.3585093	.4877205	.4154927	4.249048	1.253474	10.27752	.7192180
#1	2.347015	60.96713	.1411175	-.025656	.7451016	.1134593	.2705227
#2	2.355256	60.58732	.1401015	-.024053	.7581375	.1345860	.2708761
#3	2.363901	61.17289	.1401123	-.026092	.7399539	.1128902	.2673551

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.074449	2.429798	.0603554	.0182008	4.413934	8.898381	.0583805
Stddev	.156805	.008152	.0012251	.0002524	.021761	.029078	.0019737
%RSD	3.090094	.3355195	2.029766	1.386544	.4930103	.3267745	3.380748
#1	4.936613	2.433050	.0589677	.0184897	4.427517	8.923499	.0606485
#2	5.041688	2.420522	.0608117	.0180893	4.388835	8.905118	.0574409
#3	5.245047	2.435823	.0612868	.0180234	4.425451	8.866526	.0570522

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: P5266-12 Acquired: 12/27/2024 23:41:52 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME28Z7 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	1.334143	.8101832	.0740592
Stddev	.003543	.0034719	.0020943
%RSD	.2655903	.4285356	2.827904
#1	1.330135	.8103622	.0729460
#2	1.336858	.8066253	.0727565
#3	1.335436	.8135622	.0764750

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2131.885	27215.47	2176.704	1807.499	1747.122
Stddev	7.768	96.33	7.251	4.379	6.518
%RSD	.3643527	.3539690	.3331244	.2422727	.3730847
#1	2128.789	27300.96	2172.120	1808.229	1746.214
#2	2140.724	27234.37	2185.064	1811.467	1754.046
#3	2126.144	27111.09	2172.928	1802.801	1741.105

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: P5266-13 Acquired: 12/27/2024 23:45:41 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME28Z8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0554195	-.055407	.1524951	.0578228	-.006040	56.03290	.5071213
Stddev	.0032561	.003499	.0003390	.0032317	.005623	.08508	.0015878
%RSD	5.875367	6.315238	.2222985	5.588994	93.09857	.1518385	.3131072
#1	.0574529	-.058345	.1521657	.0542292	-.001628	55.94629	.5073811
#2	.0516640	-.051536	.1524768	.0604905	-.004121	56.03605	.5085633
#3	.0571416	-.056339	.1528429	.0587487	-.012371	56.11637	.5054196

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0056624	.0014307	417.4790	.1838517	.0968036	.1654875	156.8119
Stddev	.0001619	.0001307	1.3930	.0044474	.0004413	.0067903	.3553
%RSD	2.859118	9.136110	.3336710	2.419021	.4558655	4.103233	.2265731
#1	.0054883	.0015531	417.3422	.1863963	.0963871	.1590971	156.4690
#2	.0058085	.0012930	416.1595	.1864425	.0967576	.1647482	156.7883
#3	.0056904	.0014460	418.9354	.1787164	.0972661	.1726173	157.1784

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.496317	72.43699	.1689276	-.031830	.9181131	.1563237	.3021607
Stddev	.007381	.26400	.0004816	.000967	.0226894	.0060502	.0037419
%RSD	.2956895	.3644586	.2851183	3.038943	2.471307	3.870311	1.238386
#1	2.491458	72.73983	.1689738	-.032287	.9436392	.1590889	.3038982
#2	2.492683	72.31578	.1684244	-.032483	.9104614	.1493850	.3047181
#3	2.504811	72.25536	.1693844	-.030718	.9002389	.1604973	.2978660

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.657552	3.195795	.0643061	.0241518	4.532092	12.04454	.0748974
Stddev	.038704	.003087	.0027813	.0007085	.004731	.03164	.0019649
%RSD	.5813571	.0965844	4.325146	2.933681	.1043824	.2626962	2.623451
#1	6.642676	3.192253	.0610946	.0235917	4.531745	12.07359	.0746612
#2	6.628493	3.197223	.0658890	.0239154	4.536987	12.01083	.0769697
#3	6.701487	3.197909	.0659346	.0249483	4.527544	12.04922	.0730612

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: P5266-13 Acquired: 12/27/2024 23:45:41 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME28Z8 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	1.605463	.6210736	.0925919
Stddev	.005426	.0023435	.0047264
%RSD	.3379967	.3773319	5.104580
#1	1.608545	.6219405	.0911994
#2	1.599197	.6184202	.0978581
#3	1.608647	.6228601	.0887181

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2129.708	27349.22	2168.132	1804.168	1715.680
Stddev	3.138	413.85	6.598	19.850	6.441
%RSD	.1473553	1.513222	.3043140	1.100210	.3754294
#1	2131.115	27233.00	2168.226	1798.360	1719.765
#2	2131.897	27005.90	2174.683	1787.870	1719.022
#3	2126.113	27808.75	2161.488	1826.273	1708.255

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: P5266-14 Acquired: 12/27/2024 23:49:29 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME28Z9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0502302	-.053370	.1686876	.0461823	-.005790	46.16439	.4743068
Stddev	.0023570	.003314	.0008281	.0058627	.006702	.53775	.0099241
%RSD	4.692380	6.209372	.4908931	12.69470	115.7562	1.164864	2.092345
#1	.0525473	-.054401	.1681465	.0399553	-.012334	45.87945	.4719246
#2	.0478352	-.056046	.1696409	.0469957	-.006096	46.78466	.4852052
#3	.0503081	-.049663	.1682755	.0515957	.001060	45.82908	.4657905

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0056252	.0023044	583.0464	.1960989	.0851005	.2177187	147.0526
Stddev	.0001808	.0000503	7.2987	.0006332	.0002286	.0036220	1.9208
%RSD	3.214602	2.182113	1.251815	.3228772	.2686251	1.663622	1.306208
#1	.0056066	.0022964	579.8659	.1967137	.0849628	.2153744	146.1063
#2	.0058147	.0022586	591.3956	.1961342	.0853644	.2218904	149.2630
#3	.0054544	.0023582	577.8777	.1954489	.0849743	.2158913	145.7885

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.489255	88.95489	.1680668	-.029835	.7839372	.1126096	.2930619
Stddev	.035574	1.33155	.0007158	.000286	.0241868	.0037111	.0014494
%RSD	1.429094	1.496884	.4259054	.9576456	3.085291	3.295544	.4945577
#1	2.472094	88.31911	.1679581	-.030060	.8070169	.1163733	.2947282
#2	2.530156	90.48516	.1674115	-.029514	.7860168	.1125020	.2920941
#3	2.465515	88.06040	.1688307	-.029931	.7587778	.1089534	.2923633

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.478459	2.552250	.0555139	.0232743	4.429176	5.277346	.0565544
Stddev	.067625	.001821	.0008448	.0004744	.014774	.076054	.0007987
%RSD	1.234388	.0713447	1.521798	2.038175	.3335497	1.441149	1.412225
#1	5.464693	2.552731	.0564498	.0228700	4.424546	5.221317	.0558807
#2	5.551909	2.550237	.0548077	.0231564	4.417271	5.363925	.0574367
#3	5.418776	2.553782	.0552841	.0237965	4.445709	5.246795	.0563457

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: P5266-14 Acquired: 12/27/2024 23:49:29 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME28Z9 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	1.276051	1.978283	.0891210
Stddev	.016161	.028408	.0024481
%RSD	1.266501	1.435993	2.746892
#1	1.261711	1.965116	.0864223
#2	1.293563	2.010885	.0897417
#3	1.272879	1.958848	.0911989

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2150.851	27379.72	2178.434	1808.287	1723.099
Stddev	1.657	132.62	31.608	4.170	2.956
%RSD	.0770406	.4843570	1.450940	.2305935	.1715784
#1	2149.911	27251.24	2194.221	1806.670	1720.266
#2	2152.765	27371.79	2142.043	1805.167	1726.165
#3	2149.879	27516.11	2199.039	1813.023	1722.867

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: P5266-15 Acquired: 12/27/2024 23:53:18 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME2900 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1242173	-.088141	.1823723	.1038896	.0060611	96.37280	.6800528
Stddev	.0045808	.003321	.0022292	.0025051	.0020929	.14378	.0013659
%RSD	3.687726	3.768125	1.222307	2.411258	34.53024	.1491932	.2008533
#1	.1265727	-.087276	.1800069	.1027236	.0036505	96.41898	.6785307
#2	.1189380	-.091809	.1844340	.1021801	.0071171	96.21161	.6804559
#3	.1271411	-.085337	.1826760	.1067651	.0074156	96.48782	.6811718

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0101387	.0023425	415.9798	.1770742	.1718665	.1885012	234.6386
Stddev	.0001310	.0000476	.5126	.0005530	.0005519	.0047910	.4920
%RSD	1.291879	2.032649	.1232274	.3123013	.3211182	2.541635	.2096985
#1	.0100439	.0023249	416.1947	.1774551	.1724985	.1938031	235.0114
#2	.0102882	.0023964	416.3500	.1764399	.1714795	.1872181	234.0809
#3	.0100841	.0023062	415.3947	.1773276	.1716216	.1844824	234.8234

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.580949	182.5716	.3588300	-.049487	1.058733	.2555982	.5241491
Stddev	.010711	.3230	.0003517	.000214	.021547	.0183276	.0021143
%RSD	.2338175	.1768982	.0980174	.4315000	2.035213	7.170486	.4033836
#1	4.577539	182.2543	.3591804	-.049525	1.082991	.2632083	.5262909
#2	4.572358	182.5605	.3584770	-.049680	1.041814	.2688948	.5220633
#3	4.592950	182.8999	.3588325	-.049258	1.051394	.2346915	.5240932

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.91911	4.653269	.0980509	.0138622	6.730184	4.645906	.0299178
Stddev	.15146	.004601	.0042677	.0004133	.022067	.049285	.0007975
%RSD	.8952007	.0988832	4.352575	2.981853	.3278801	1.060828	2.665729
#1	16.98707	4.649388	.0987586	.0138414	6.723440	4.666764	.0290460
#2	16.74558	4.652068	.0934735	.0142855	6.712276	4.681333	.0306107
#3	17.02469	4.658352	.1019205	.0134596	6.754836	4.589622	.0300969

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: P5266-15 Acquired: 12/27/2024 23:53:18 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME2900 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	1.556616	.2100797	.2647927
Stddev	.002564	.0025693	.0006645
%RSD	.1646964	1.223033	.2509316
#1	1.556225	.2100427	.2646623
#2	1.554270	.2126674	.2642032
#3	1.559353	.2075291	.2655127

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2289.641	29200.64	2339.064	1926.823	1709.965
Stddev	1.818	202.24	12.219	20.510	1.895
%RSD	.0793995	.6925802	.5223682	1.064459	.1108138
#1	2287.580	29193.23	2331.749	1919.482	1707.991
#2	2291.019	29406.48	2332.273	1949.994	1710.133
#3	2290.323	29002.20	2353.169	1910.994	1711.770

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: P5266-16 Acquired: 12/27/2024 23:57:06 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME2901 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0987127	-.075099	.2097125	.0905455	-.002245	75.32719	.6642176
Stddev	.0067819	.001004	.0022856	.0085937	.001315	.43642	.0034802
%RSD	6.870323	1.337286	1.089855	9.491064	58.59482	.5793679	.5239617
#1	.0908830	-.076176	.2121837	.0979377	-.001228	74.82880	.6606230
#2	.1027528	-.074932	.2092791	.0925826	-.003730	75.64095	.6675710
#3	.1025024	-.074188	.2076747	.0811163	-.001776	75.51182	.6644589

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0083612	.0025277	477.4342	.1553726	.1433376	.1519216	202.9560
Stddev	.0001609	.0000718	2.0881	.0005174	.0006239	.0020613	1.1091
%RSD	1.924306	2.841518	.4373665	.3329910	.4352416	1.356825	.5464669
#1	.0084642	.0024499	475.2760	.1552317	.1438783	.1506972	201.6776
#2	.0081758	.0025915	479.4444	.1549402	.1426550	.1543015	203.5287
#3	.0084437	.0025417	477.5821	.1559458	.1434795	.1507661	203.6616

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.054346	203.0566	.2772442	-.043033	1.013311	.2191593	.4951692
Stddev	.027012	.9363	.0007344	.001035	.014259	.0075777	.0023965
%RSD	.5344375	.4610921	.2648773	2.404396	1.407161	3.457641	.4839809
#1	5.023892	201.9879	.2780761	-.041960	1.003682	.2151340	.4979332
#2	5.075410	203.7326	.2766860	-.044024	1.029691	.2279002	.4939033
#3	5.063737	203.4491	.2769704	-.043116	1.006559	.2144436	.4936710

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.06438	5.111007	.0790270	.0116427	7.220372	5.539683	.0303145
Stddev	.04118	.014950	.0016481	.0002704	.014796	.008594	.0017995
%RSD	.3152182	.2925069	2.085514	2.322413	.2049147	.1551420	5.936179
#1	13.08734	5.127081	.0791384	.0117388	7.235663	5.529759	.0285713
#2	13.01684	5.108422	.0773260	.0113374	7.219324	5.544731	.0302066
#3	13.08896	5.097518	.0806165	.0118519	7.206128	5.544558	.0321655

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: P5266-16 Acquired: 12/27/2024 23:57:06 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME2901 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	1.633777	.2603318	.1999759
Stddev	.015145	.0019448	.0042501
%RSD	.9270201	.7470514	2.125284
#1	1.617508	.2597958	.1953724
#2	1.647469	.2624885	.2008048
#3	1.636354	.2587113	.2037504

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2226.179	28509.83	2286.539	1884.731	1669.385
Stddev	6.670	10.68	12.123	4.591	6.139
%RSD	.2996000	.0374470	.5301737	.2435836	.3677640
#1	2218.478	28497.58	2299.949	1880.790	1662.359
#2	2229.927	28517.15	2276.356	1883.630	1672.077
#3	2230.131	28514.76	2283.313	1889.772	1673.718

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: P5266-17 Acquired: 12/28/2024 0:00:55 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME2902 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1457849	-.176430	.7147967	.2255251	.0397459	88.17493	.8048973
Stddev	.0035460	.002441	.0017207	.0039473	.0046369	.27382	.0010158
%RSD	2.432371	1.383599	.2407302	1.750260	11.66649	.3105438	.1262064
#1	.1429421	-.178711	.7133349	.2283384	.0447869	88.31674	.8045471
#2	.1497584	-.173856	.7166931	.2210128	.0356626	87.85929	.8041030
#3	.1446543	-.176721	.7143622	.2272242	.0387882	88.34877	.8060420

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0137400	.0041782	256.9976	.5360974	.1397465	.1703394	414.1766
Stddev	.0004256	.0000816	.3187	.0003141	.0005992	.0054609	1.0135
%RSD	3.097684	1.951740	.1240061	.0585965	.4288021	3.205887	.2447044
#1	.0135999	.0042601	257.2158	.5357353	.1393022	.1761006	415.2076
#2	.0134021	.0041773	256.6319	.5362966	.1404281	.1652390	413.1815
#3	.0142180	.0040970	257.1452	.5362604	.1395093	.1696785	414.1406

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.01375	113.5332	.3333223	-.086015	.7751743	.3144567	1.100989
Stddev	.02717	.2504	.0007838	.001068	.0360540	.0168126	.005728
%RSD	.2466483	.2205647	.2351361	1.241123	4.651088	5.346568	.5202771
#1	11.03818	113.7853	.3338750	-.085047	.8136343	.3204520	1.097534
#2	10.98450	113.2845	.3336666	-.085839	.7421416	.2954681	1.107601
#3	11.01858	113.5297	.3324253	-.087160	.7697470	.3274498	1.097832

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.03627	4.812555	.0997317	.0332043	4.274965	6.109734	.0569954
Stddev	.18049	.011713	.0029856	.0005051	.016691	.007526	.0022214
%RSD	1.635458	.2433899	2.993642	1.521279	.3904299	.1231730	3.897422
#1	11.11658	4.817567	.1017315	.0326253	4.276293	6.108768	.0546486
#2	11.16267	4.820929	.0962998	.0334324	4.290951	6.102737	.0590654
#3	10.82956	4.799170	.1011637	.0335551	4.257649	6.117695	.0572723

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: P5266-17 Acquired: 12/28/2024 0:00:55 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME2902 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	1.505918	-.079423	.1739578
Stddev	.002991	.000346	.0058822
%RSD	.1986152	.4357791	3.381375
#1	1.502570	-.079818	.1763061
#2	1.506857	-.079172	.1672642
#3	1.508326	-.079279	.1783031

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2261.890	28868.60	2311.569	1908.179	1778.677
Stddev	3.090	122.18	15.912	3.069	1.517
%RSD	.1366058	.4232287	.6883744	.1608282	.0852672
#1	2264.791	28761.73	2300.558	1904.872	1780.421
#2	2262.238	29001.80	2329.813	1910.935	1777.670
#3	2258.641	28842.28	2304.336	1908.731	1777.939

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: P5266-18 Acquired: 12/28/2024 0:04:42 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME2903 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2309138	-.527602	5.866462	.7365389	.2055702	57.34981
Stddev	.0046695	.004262	.012403	.0065395	.0013736	.04568
%RSD	2.022206	.8077868	.2114289	.8878705	.6682075	.0796553
#1	.2258877	-.530978	5.880620	.7345171	.2053089	57.37654
#2	.2317363	-.529014	5.857511	.7438506	.2043460	57.37583
#3	.2351175	-.522813	5.861255	.7312490	.2070558	57.29706

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.007898	.0292902	.0264621	450.0453	2.243487	.1331581
Stddev	.002928	.0003490	.0000330	.6708	.003093	.0006575
%RSD	.2905434	1.191460	.1245155	.1490439	.1378491	.4937837
#1	1.010349	.0289101	.0264810	450.6580	2.247055	.1338725
#2	1.008690	.0293642	.0264240	450.1493	2.241834	.1330235
#3	1.004655	.0295962	.0264812	449.3286	2.241573	.1325783

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3883150	F 1203.281	F 42.93170	92.69186	1.151999	-.247739
Stddev	.0075230	1.537	.03204	.22050	.002903	.000160
%RSD	1.937353	.1277683	.0746268	.2378834	.2520225	.0645473
#1	.3965369	1203.003	42.92442	92.54701	1.155337	-.247755
#2	.3866326	1204.939	42.96676	92.94562	1.150061	-.247889
#3	.3817757	1201.902	42.90394	92.58294	1.150600	-.247571

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.041729	.2969762	10.19618	8.309263	8.100975	.3553109
Stddev	.029339	.0061928	.03136	.115802	.028056	.0054652
%RSD	1.436984	2.085290	.3076148	1.393651	.3463337	1.538143
#1	2.071900	.2911900	10.23140	8.334060	8.132286	.3600547
#2	2.039991	.2962305	10.18587	8.183072	8.092524	.3493348
#3	2.013298	.3035081	10.17127	8.410659	8.078116	.3565432

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: P5266-18 Acquired: 12/28/2024 0:04:42 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME2903 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0789791	9.833154	5.156201	.1558535	2.017697	-.388622
Stddev	.0004252	.025514	.030334	.0014320	.012316	.000119
%RSD	.5384027	.2594681	.5883086	.9188355	.6104100	.0306482
#1	.0793397	9.858353	5.123114	.1542224	2.012076	-.388599
#2	.0785102	9.833774	5.182699	.1569043	2.031820	-.388516
#3	.0790874	9.807336	5.162790	.1564338	2.009193	-.388751

Elem	Li6707
Units	ppm
Avg	.0878629
Stddev	.0040310
%RSD	4.587870
#1	.0918562
#2	.0837952
#3	.0879372

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2067.945	26936.85	2181.082	1745.740	1795.182
Stddev	5.753	155.29	4.905	13.982	4.666
%RSD	.2781799	.5764960	.2248951	.8009319	.2599362
#1	2061.310	26765.07	2185.013	1729.763	1791.134
#2	2071.541	27067.27	2182.648	1755.741	1794.127
#3	2070.983	26978.22	2175.585	1751.717	1800.286

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: P5080-01 Acquired: 12/28/2024 0:08:28 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLD9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1186275	-.058170	1.431145	.0828653	.0088971	69.87968
Stddev	.0066771	.003596	.004638	.0006345	.0033542	.14710
%RSD	5.628599	6.181991	.3240484	.7656842	37.69982	.2104990
#1	.1188730	-.054457	1.426876	.0822861	.0065698	69.72998
#2	.1251784	-.061637	1.436079	.0827663	.0127419	69.88503
#3	.1118311	-.058417	1.430479	.0835434	.0073797	70.02403

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.599656	.0074011	.0119321	68.67771	.3328648	.1067380
Stddev	.002140	.0001890	.0000360	.12506	.0009067	.0003381
%RSD	.1337751	2.554039	.3019250	.1820945	.2723824	.3167405
#1	1.597741	.0076071	.0119261	68.55308	.3332690	.1071145
#2	1.599262	.0073606	.0118994	68.67686	.3318264	.1066390
#3	1.601966	.0072356	.0119707	68.80319	.3334991	.1064604

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3650751	153.0655	9.122320	25.34127	.2047344	-.026366
Stddev	.0060190	.3290	.024092	.06667	.0017957	.001183
%RSD	1.648697	.2149089	.2640966	.2630959	.8771050	4.485273
#1	.3718533	152.7501	9.101365	25.27876	.2046973	-.026318
#2	.3603557	153.0398	9.116953	25.33362	.2065484	-.027572
#3	.3630162	153.4065	9.148643	25.41144	.2029575	-.025208

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4554816	.1581027	2.117378	11.69077	F 15.79864	.0819252
Stddev	.0302146	.0057654	.007860	.06028	.04033	.0007649
%RSD	6.633543	3.646622	.3712346	.5156374	.2552815	.9336166
#1	.4879267	.1608508	2.123365	11.62912	15.77369	.0819781
#2	.4503678	.1619799	2.108476	11.74958	15.84517	.0811352
#3	.4281502	.1514774	2.120292	11.69360	15.77706	.0826622

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: P5080-01 Acquired: 12/28/2024 0:08:28 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLD9 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0063430	6.000815	9.219288	.1396314	.7628491	.0489036
Stddev	.0004140	.024848	.040065	.0027601	.0028122	.0007962
%RSD	6.526707	.4140813	.4345765	1.976723	.3686408	1.628195
#1	.0063846	5.977239	9.265036	.1427317	.7605175	.0490354
#2	.0067347	6.026765	9.202375	.1387211	.7620577	.0496258
#3	.0059098	5.998442	9.190453	.1374414	.7659722	.0480497

Elem	Li6707
Units	ppm
Avg	.1190779
Stddev	.0031867
%RSD	2.676162
#1	.1219208
#2	.1156332
#3	.1196797

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2672.328	34111.40	2666.791	2248.627	1847.240
Stddev	4.510	124.67	18.445	16.019	2.964
%RSD	.1687791	.3654686	.6916551	.7124084	.1604778
#1	2677.327	33994.41	2645.516	2231.717	1850.657
#2	2671.095	34242.54	2676.554	2263.576	1845.705
#3	2668.563	34097.24	2678.302	2250.587	1845.358

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: P5080-02 Acquired: 12/28/2024 0:12:15 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLE0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1148252	-.051425	1.238220	.0754452	.0062745	64.99541
Stddev	.0037630	.004031	.002051	.0053441	.0013975	.11429
%RSD	3.277147	7.838746	.1656471	7.083441	22.27239	.1758431
#1	.1174476	-.051405	1.235929	.0739528	.0077868	64.86569
#2	.1105136	-.047403	1.238846	.0710059	.0050308	65.08130
#3	.1165145	-.055465	1.239885	.0813768	.0060060	65.03923

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.486751	.0070296	.0108866	61.37962	.3053252	.0983221
Stddev	.002715	.0001618	.0000114	.13218	.0021696	.0004233
%RSD	.1825810	2.301870	.1048343	.2153412	.7105803	.4305662
#1	1.484067	.0070984	.0108887	61.32167	.3056421	.0987167
#2	1.489495	.0068448	.0108968	61.28630	.3073190	.0978750
#3	1.486690	.0071457	.0108743	61.53087	.3030147	.0983747

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3521018	140.6684	9.052832	24.22328	.1820968	-.023786
Stddev	.0039513	.6079	.006509	.05942	.0003766	.000866
%RSD	1.122205	.4321684	.0718957	.2453169	.2068314	3.641985
#1	.3515170	139.9699	9.045716	24.17514	.1824552	-.024636
#2	.3563129	141.0779	9.054296	24.28969	.1821308	-.023817
#3	.3484755	140.9573	9.058485	24.20501	.1817043	-.022904

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5608735	.1448226	1.681318	9.147488	F 13.82331	.0732520
Stddev	.0054559	.0077474	.010970	.099568	.00376	.0009173
%RSD	.9727495	5.349574	.6524515	1.088473	.0272056	1.252220
#1	.5546680	.1523786	1.675522	9.230109	13.81916	.0740716
#2	.5630352	.1451922	1.674461	9.036938	13.82428	.0722612
#3	.5649173	.1368970	1.693969	9.175418	13.82648	.0734233

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: P5080-02 Acquired: 12/28/2024 0:12:15 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLE0 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0060193	4.963288	9.026159	.1076211	.6422280	.0434233
Stddev	.0007523	.012630	.072765	.0007879	.0021798	.0008011
%RSD	12.49808	.2544718	.8061587	.7321414	.3394079	1.844909
#1	.0052828	4.960674	8.946883	.1072865	.6431792	.0434266
#2	.0059886	4.952170	9.041687	.1085211	.6397343	.0426205
#3	.0067865	4.977021	9.089906	.1070557	.6437706	.0442227

Elem	Li6707
Units	ppm
Avg	.1128032
Stddev	.0036470
%RSD	3.233062
#1	.1086231
#2	.1153357
#3	.1144507

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2697.345	34329.33	2677.132	2271.453	1880.143
Stddev	4.585	199.86	6.236	8.983	3.377
%RSD	.1699780	.5821829	.2329468	.3954602	.1795902
#1	2692.758	34148.77	2683.208	2261.153	1877.234
#2	2697.350	34295.15	2677.440	2275.544	1879.350
#3	2701.928	34544.08	2670.747	2277.661	1883.846

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: P5080-03 Acquired: 12/28/2024 0:16:05 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLE1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1134191	-.055220	1.034791	.0869775	.0069928	66.47959
Stddev	.0012817	.000463	.004205	.0037580	.0032008	.21272
%RSD	1.130011	.8387446	.4063958	4.320637	45.77207	.3199764
#1	.1134502	-.055710	1.030850	.0911160	.0106409	66.23428
#2	.1146849	-.055163	1.034304	.0860384	.0056822	66.59156
#3	.1121221	-.054789	1.039219	.0837781	.0046554	66.61294

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.708382	.0070873	.0106844	47.25214	.2941710	.1011080
Stddev	.005759	.0000467	.0000810	.07900	.0009121	.0002983
%RSD	.3371214	.6596580	.7581689	.1671856	.3100553	.2950445
#1	1.702360	.0070469	.0106390	47.29194	.2952099	.1014521
#2	1.708951	.0071385	.0106363	47.30331	.2935016	.1009481
#3	1.713836	.0070765	.0107779	47.16115	.2938015	.1009237

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3217879	150.0745	10.94812	22.64082	.1801170	-.023848
Stddev	.0012463	.1628	.02101	.04614	.0006907	.000261
%RSD	.3872985	.1084556	.1919298	.2038073	.3834735	1.096480
#1	.3222264	149.9070	10.92884	22.66340	.1797247	-.024001
#2	.3203816	150.2320	10.97052	22.67133	.1809145	-.023997
#3	.3227557	150.0845	10.94499	22.58774	.1797118	-.023546

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4450272	.1523935	1.503693	7.139381	F 11.91566	.0642461
Stddev	.0060478	.0073067	.005782	.171381	.02502	.0007093
%RSD	1.358971	4.794615	.3845122	2.400509	.2099599	1.104095
#1	.4484396	.1606667	1.509779	7.327451	11.89108	.0634272
#2	.4380444	.1496901	1.503028	6.992018	11.91481	.0646386
#3	.4485976	.1468238	1.498273	7.098675	11.94110	.0646724

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: P5080-03 Acquired: 12/28/2024 0:16:05 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLE1 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0053202	4.094465	8.504008	.0998053	.6748485	.0027337
Stddev	.0002462	.012844	.007635	.0008829	.0055333	.0006375
%RSD	4.628127	.3136976	.0897848	.8846606	.8199327	23.31813
#1	.0051331	4.083548	8.512712	.1001270	.6687937	.0023005
#2	.0052284	4.108617	8.498442	.0988067	.6761088	.0034657
#3	.0055992	4.091228	8.500871	.1004824	.6796429	.0024350

Elem	Li6707
Units	ppm
Avg	.1101363
Stddev	.0030604
%RSD	2.778778
#1	.1116238
#2	.1066164
#3	.1121686

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2688.802	34132.35	2653.350	2260.430	1875.046
Stddev	6.680	67.26	5.939	6.531	3.670
%RSD	.2484471	.1970422	.2238188	.2889253	.1957268
#1	2689.823	34209.59	2658.608	2252.922	1876.178
#2	2694.914	34100.77	2654.533	2264.793	1878.017
#3	2681.671	34086.71	2646.909	2263.576	1870.944

Reviewed By:mohan
On:12/31/2024
11:25:14 PM
Inst Id :P5

Sample Name: CCV026 Acquired: 12/28/2024 0:19:56 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV026 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.857472	4.637859	23.77248	4.668041	4.607964	387.8000	9.886831
Stddev	.006602	.013102	.06322	.005424	.009154	1.4221	.035591
%RSD	.1359108	.2825021	.2659222	.1161915	.1986660	.3667157	.3599857
#1	4.857385	4.634648	23.79670	4.668559	4.616499	388.3675	9.899941
#2	4.864117	4.626660	23.70073	4.662376	4.598295	388.8508	9.914009
#3	4.850914	4.652268	23.82000	4.673187	4.609097	386.1818	9.846545

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4972547	2.395769	393.5435	14.86295	2.410970	14.70154	390.0283
Stddev	.0040652	.004827	1.1426	.02401	.005343	.05118	1.5668
%RSD	.8175246	.2014857	.2903430	.1615481	.2216198	.3481550	.4017092
#1	.4950596	2.397087	394.0485	14.86062	2.413231	14.70565	389.9422
#2	.5019455	2.390419	394.3466	14.84019	2.404868	14.75054	391.6363
#3	.4947588	2.399799	392.2354	14.88804	2.414811	14.64842	388.5063

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.46960	391.1135	2.396331	1.171390	399.3506	2.443230	14.08461
Stddev	.08215	1.7338	.002550	.000314	3.8170	.023498	.02619
%RSD	.5677110	.4432982	.1064268	.0268454	.9557949	.9617583	.1859187
#1	14.49526	391.6473	2.397897	1.171750	401.3234	2.470307	14.05820
#2	14.53585	392.5177	2.393388	1.171174	401.7775	2.428174	14.08506
#3	14.37769	389.1756	2.397707	1.171245	394.9509	2.431210	14.11057

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	151.1867	4.792947	4.815857	4.577568	4.817382	4.879107	4.826416
Stddev	.5379	.010464	.034404	.011596	.014358	.039847	.006998
%RSD	.3558171	.2183191	.7143970	.2533281	.2980391	.8166931	.1449904
#1	151.7384	4.801826	4.808655	4.579499	4.832826	4.869085	4.825969
#2	151.1580	4.781410	4.853292	4.565127	4.804439	4.923009	4.819652
#3	150.6637	4.795605	4.785623	4.588077	4.814881	4.845228	4.833626

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Sample Name: CCV026 Acquired: 12/28/2024 0:19:56 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV026 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	4.950750	4.671374	5.094628
Stddev	.018689	.011846	.012811
%RSD	.3774998	.2535841	.2514645
#1	4.955824	4.681224	5.095280
#2	4.966378	4.674668	5.107101
#3	4.930048	4.658229	5.081504

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1713.065	23933.72	1985.887	1436.575	1547.185
Stddev	7.276	58.67	11.832	4.004	5.863
%RSD	.4247359	.2451177	.5957918	.2787223	.3789279
#1	1710.894	23890.80	1985.384	1434.912	1544.179
#2	1721.180	24000.56	1974.315	1441.143	1553.941
#3	1707.122	23909.78	1997.963	1433.671	1543.435

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11:25:14 PM
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Sample Name: CCB026 Acquired: 12/28/2024 0:23:41 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB026 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000307	-.000860	.0028612	-.000722	.0003103	-.002791
Stddev	.002527	.001240	.0006297	.003031	.0006109	.040701
%RSD	823.1392	144.1519	22.00610	419.8844	196.8763	1458.093
#1	.001516	-.002291	.0028532	-.003985	.0008709	.019723
#2	.000755	-.000144	.0022357	.002004	.0004009	-.049775
#3	-.003192	-.000144	.0034949	-.000184	-.000341	.021678

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.005271	.0000319	.0001207	.0327342	-.001544	-.000028
Stddev	.002354	.0000212	.0000351	.0283325	.000508	.000401
%RSD	44.65989	66.39006	29.07486	86.55321	32.86956	1447.659
#1	-.002616	.0000475	.0001003	.0029780	-.001331	.000118
#2	-.006092	.0000406	.0001612	.0593876	-.002123	-.000481
#3	-.007104	.0000078	.0001006	.0358369	-.001177	.000280

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.005566	.0127082	.0008527	.0202000	-.000492	.0016615
Stddev	.007582	.0639336	.0009218	.0370132	.000460	.0011845
%RSD	136.2230	503.0903	108.1081	183.2332	93.53865	71.29224
#1	-.003812	-.047048	.0019141	-.000078	-.000490	.0003356
#2	-.013871	.080128	.0002526	-.002243	-.000033	.0026152
#3	.000985	.005045	.0003914	.062921	-.000953	.0020336

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0461224	-.001821	.0313409	.7014927	-.003496	.0074697
Stddev	.0189722	.002030	.0004615	.0595927	.001794	.0014313
%RSD	41.13455	111.4773	1.472529	8.495127	51.31077	19.16108
#1	.0405473	-.004082	.0313563	.7652978	-.004837	.0090580
#2	.0672575	-.001223	.0308719	.6919055	-.001458	.0062798
#3	.0305623	-.000157	.0317945	.6472749	-.004193	.0070713

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Sample Name: CCB026 Acquired: 12/28/2024 0:23:41 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v47) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB026 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004774	.0018434	-.001080	-.004458	-.001779	-.000468
Stddev	.0002578	.0037768	.000591	.000935	.002660	.000163
%RSD	54.00395	204.8829	54.72860	20.98343	149.5557	34.82252
#1	.0005683	-.000344	-.001755	-.003415	-.000625	-.000623
#2	.0006774	-.000330	-.000824	-.005223	.000110	-.000484
#3	.0001864	.006204	-.000659	-.004734	-.004820	-.000298

Elem	Li6707
Units	ppm
Avg	F .0543121
Stddev	.0031895
%RSD	5.872494
#1	.0577439
#2	.0537536
#3	.0514387

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2113.351	26833.14	2071.133	1784.804	1909.690
Stddev	9.192	85.43	1.994	4.541	8.994
%RSD	.4349273	.3183625	.0962933	.2544448	.4709429
#1	2123.310	26783.64	2068.862	1779.947	1919.949
#2	2111.548	26783.99	2071.940	1785.520	1905.951
#3	2105.195	26931.78	2072.597	1788.944	1903.168