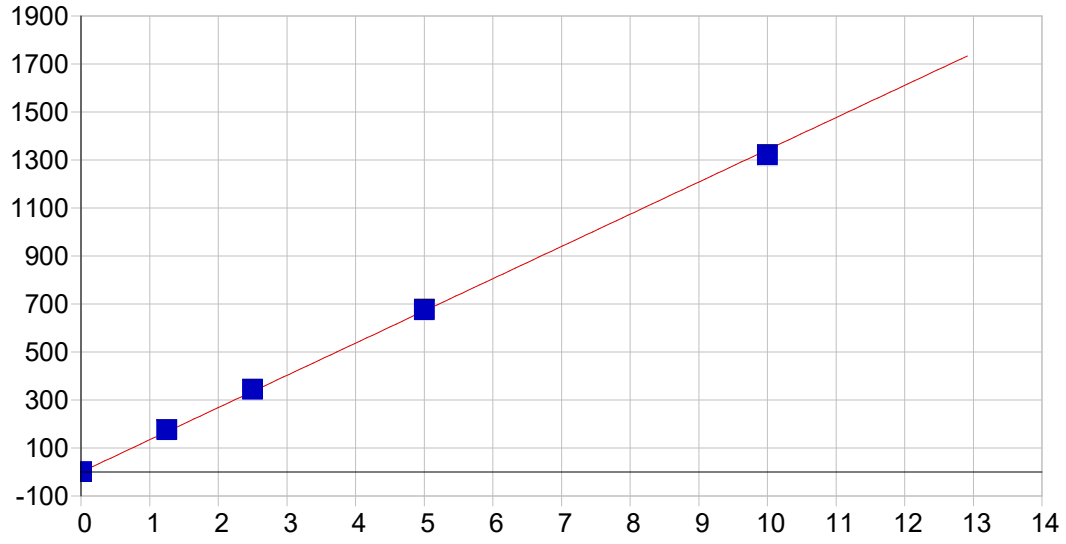
Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5



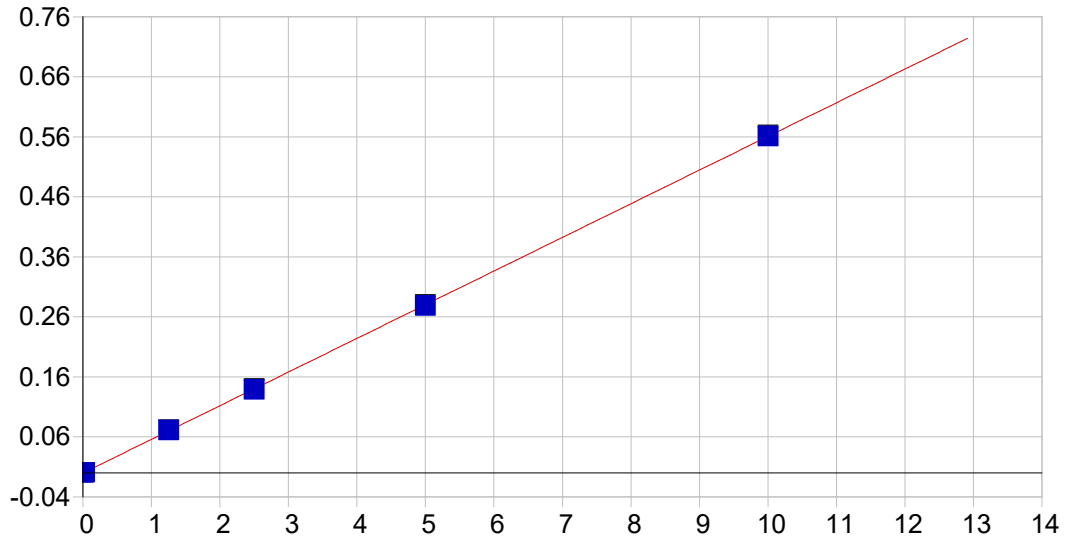
As 189.042 {478}

Date of Fit:	12/17/2024 16:45:58	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.271844	Re-Slope:	1.000000
A1 (Gain):	134.268224	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999804	Status:	OK.
Std Error of Est:	0.044416		
Predicted MDL:	0.005072		
Predicted MQL:	0.016907		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.27204	.320	1
S1	.01000	.01083	.001	8.25	1.1797	.555	1
S2	1.2500	1.3114	.061	4.92	175.11	.745	1
S3	2.5000	2.5595	.060	2.38	341.98	1.66	1
S4	5.0000	5.0370	.037	.741	673.22	2.49	1
S5	10.000	9.8412	-.159	-1.59	1315.4	.808	1

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5



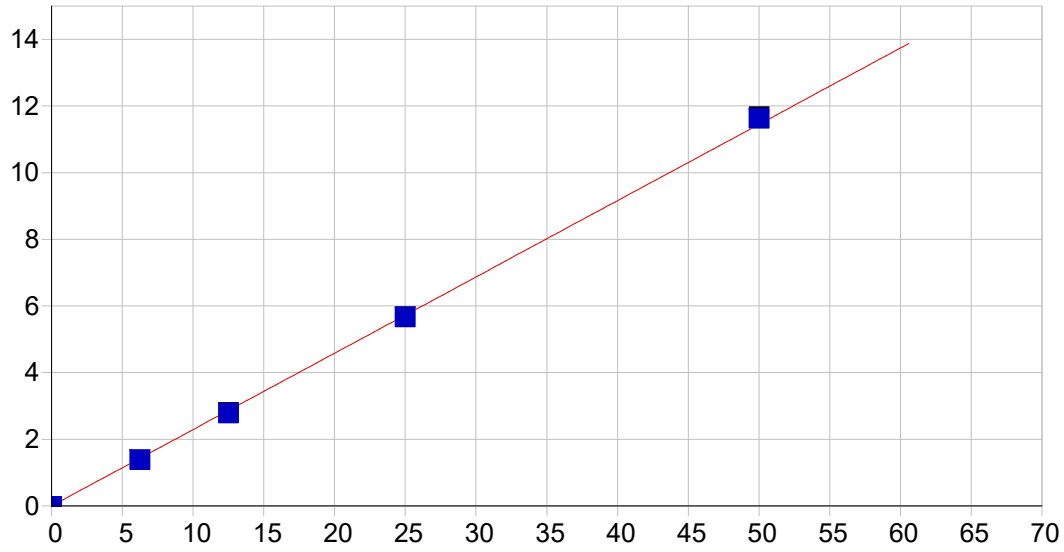
Tl 190.856 {477}

Date of Fit:	12/17/2024 16:45:58	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000222	Re-Slope:	1.000000
A1 (Gain):	0.056100	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999981	Status:	OK.
Std Error of Est:	0.000009		
Predicted MDL:	0.004133		
Predicted MQL:	0.013776		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00022	.000	1
S1	.02500	.02448	-.001	-2.08	.00110	.000	1
S2	1.2500	1.2748	.025	1.98	.07111	.000	1
S3	2.5000	2.4843	-.016	-.626	.13879	.001	1
S4	5.0000	4.9799	-.020	-.403	.27843	.001	1
S5	10.000	10.012	.012	.115	.55998	.002	1

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5



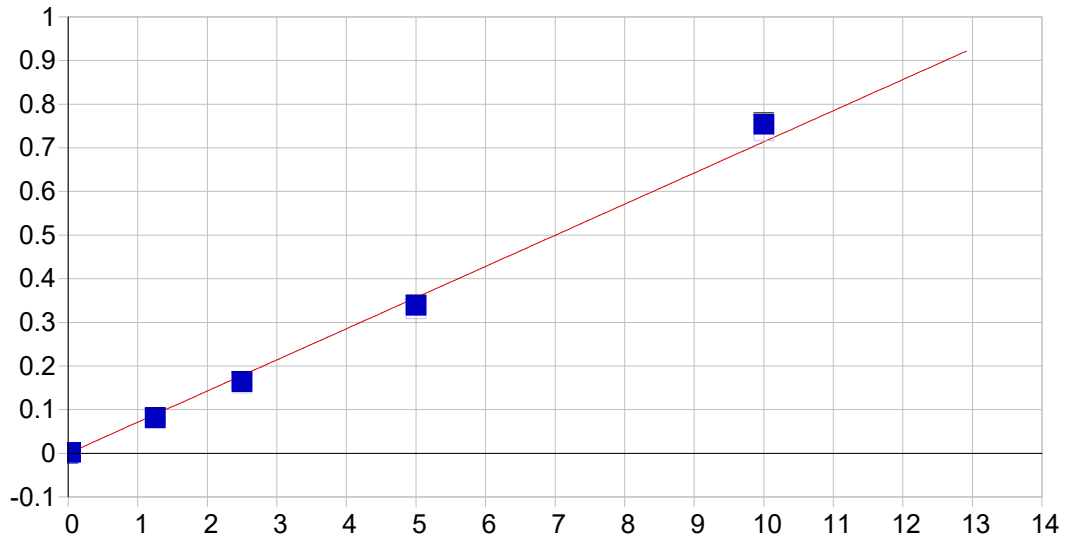
Pb 220.353 {453}

Date of Fit:	12/17/2024 16:45:58	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000531	Re-Slope:	1.000000
A1 (Gain):	0.228999	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999829	Status:	OK.
Std Error of Est:	0.000159		
Predicted MDL:	0.002474		
Predicted MQL:	0.008248		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00053	.000	1
S1	.01000	.00835	-.002	-16.5	.00243	.000	1
S2	6.2500	6.0537	-.196	-3.14	1.3853	.006	1
S3	12.500	12.139	-.361	-2.89	2.7773	.014	1
S4	25.000	24.758	-.242	-.967	5.6639	.010	1
S5	50.000	50.801	.801	1.60	11.621	.039	1

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5



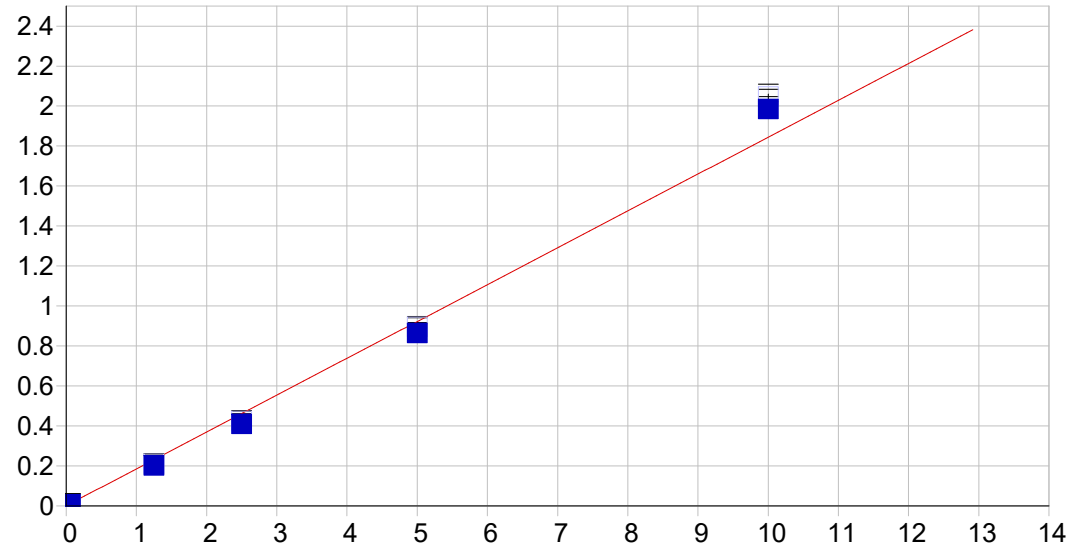
Se 196.090 {472}

Date of Fit:	12/17/2024 16:45:58	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000133	Re-Slope:	1.000000
A1 (Gain):	0.071378	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.998022	Status:	OK.
Std Error of Est:	0.000138		
Predicted MDL:	0.004683		
Predicted MQL:	0.015611		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	-.00013	.000	1
S1	.03500	.02746	-.008	-21.6	.00182	.000	1
S2	1.2500	1.1400	-.110	-8.80	.07923	.000	1
S3	2.5000	2.3038	-.196	-7.85	.16029	.000	1
S4	5.0000	4.7490	-.251	-5.02	.33081	.001	1
S5	10.000	10.565	.565	5.65	.73790	.003	1

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5



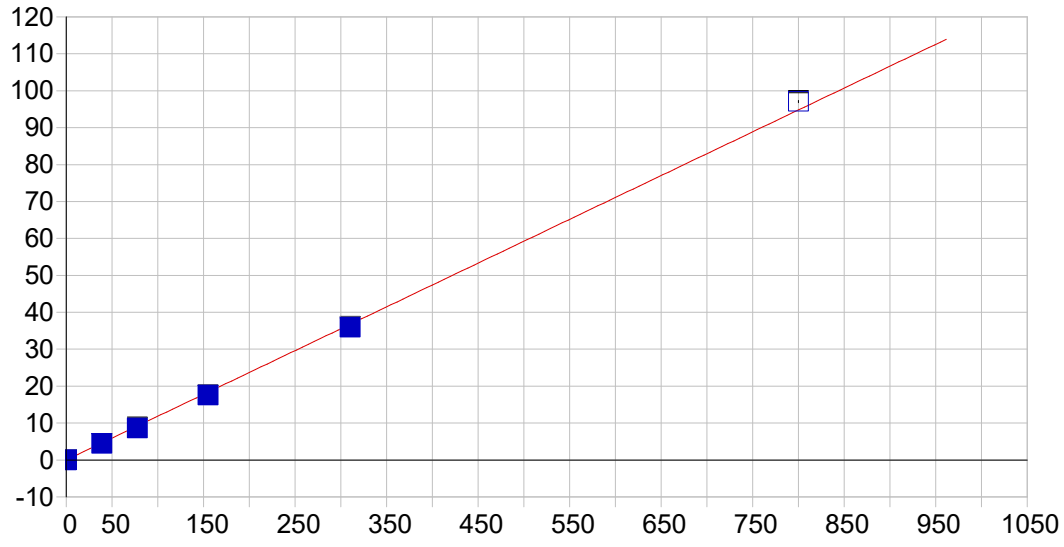
Sb 206.833 {463}

Date of Fit:	12/17/2024 16:45:58	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000972	Re-Slope:	1.000000
A1 (Gain):	0.184322	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.996729	Status:	OK.
Std Error of Est:	0.000635		
Predicted MDL:	0.002528		
Predicted MQL:	0.008427		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00002	.000	.000	.00098	.000	1
S1	.06000	.05061	-.009	-15.7	.01030	.000	1
S2	1.2500	1.0930	-.157	-12.6	.21015	.001	1
S3	2.5000	2.2153	-.285	-11.4	.42471	.002	1
S4	5.0000	4.6852	-.315	-6.30	.89536	.003	1
S5	10.000	10.766	.766	7.66	2.0469	.013	1

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5



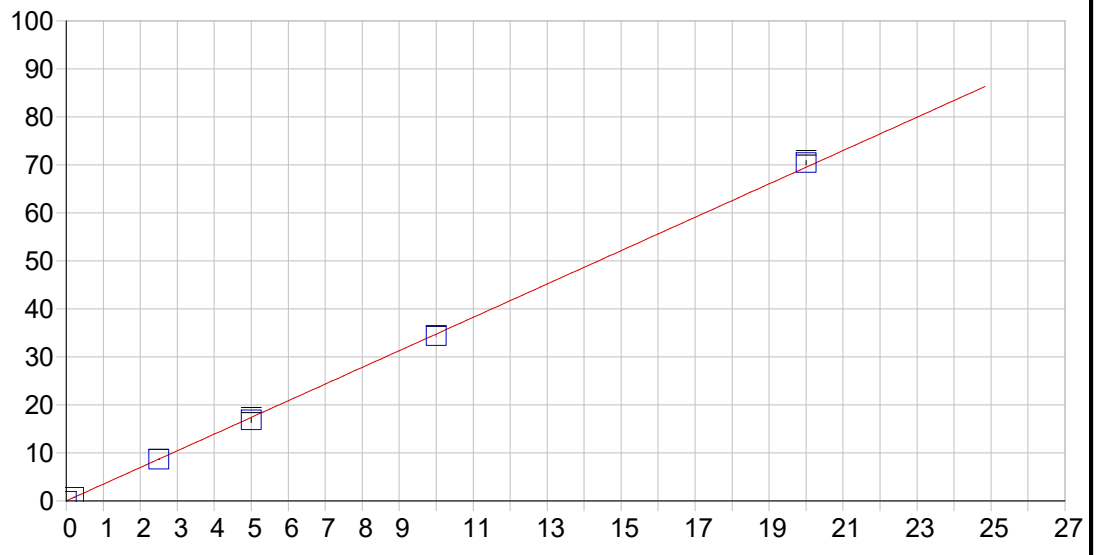
Al 396.152 { 85}

Date of Fit:	12/17/2024 16:45:58	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.004455	Re-Slope:	1.000000
A1 (Gain):	0.118506	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999556	Status:	OK.
Std Error of Est:	0.002198		
Predicted MDL:	0.029473		
Predicted MQL:	0.098245		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	-.00445	.004	1
S1	.20000	.21732	.017	8.66	.02134	.002	1
S2	38.750	37.438	-1.31	-3.39	4.4371	.012	1
S3	77.500	72.943	-4.56	-5.88	8.6497	.278	1
S4	155.00	148.14	-6.86	-4.42	17.571	.015	1
S5	310.00	303.34	-6.66	-2.15	35.984	.220	1
S6	800.00	819.39	19.4	2.42	97.098	.317	1

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5



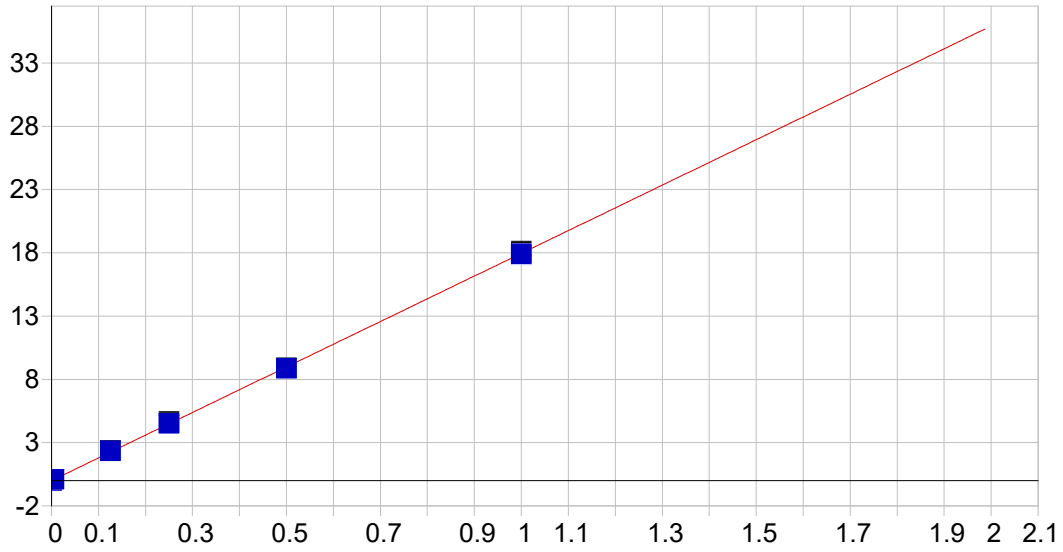
Ba 493.409 { 68}

Date of Fit:	12/17/2024 16:45:58	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.016246	Re-Slope:	1.000000
A1 (Gain):	3.474981	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999864	Status:	OK.
Std Error of Est:	0.006082		
Predicted MDL:	0.001740		
Predicted MQL:	0.005801		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.01624	.007	1
S1	.20000	.20752	.008	3.76	.73739	.005	1
S2	2.5000	2.4861	-.014	-.557	8.6553	.022	1
S3	5.0000	4.8446	-.155	-3.11	16.851	.545	1
S4	10.000	9.8874	-.113	-1.13	34.375	.033	1
S5	20.000	20.274	.274	1.37	70.469	.482	1

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5



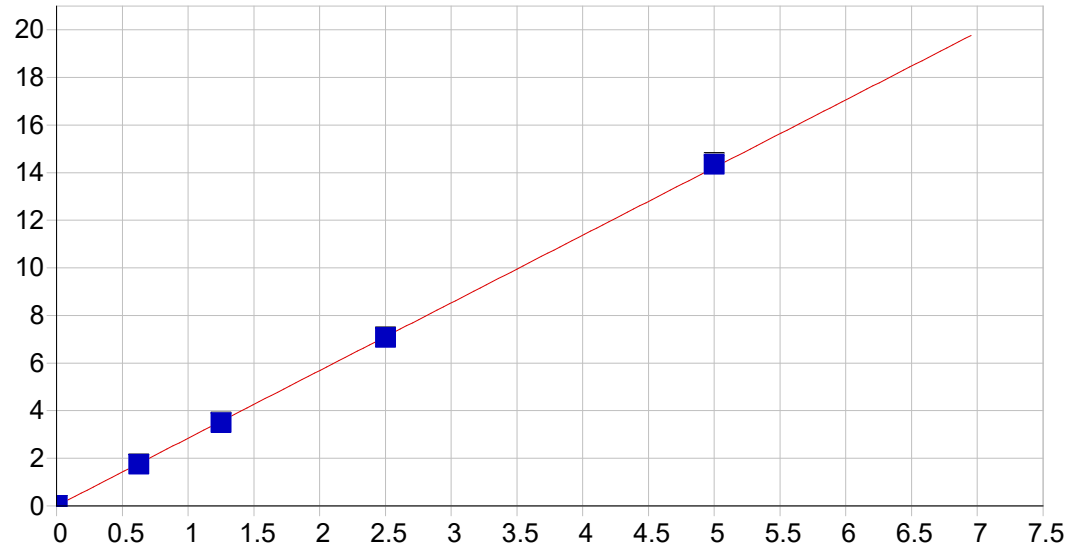
Be 234.861 {144}

Date of Fit:	12/17/2024 16:45:58	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.001461	Re-Slope:	1.000000
A1 (Gain):	17.961885	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999893	Status:	OK.
Std Error of Est:	0.000980		
Predicted MDL:	0.000126		
Predicted MQL:	0.000421		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00147	.002	1
S1	.00500	.00555	.001	11.0	.09818	.004	1
S2	.12500	.13065	.006	4.52	2.3349	.013	1
S3	.25000	.25174	.002	.695	4.4996	.137	1
S4	.50000	.49437	-.006	-1.13	8.8371	.031	1
S5	1.0000	.99769	-.002	-.231	17.837	.198	1

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5



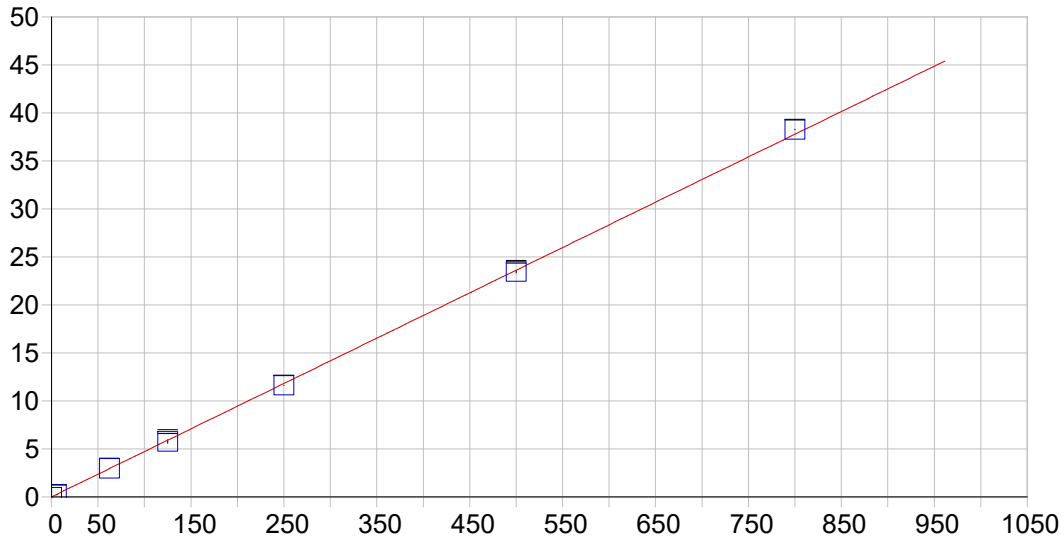
Cd 214.438 {457}

Date of Fit:	12/17/2024 16:45:58	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000766	Re-Slope:	1.000000
A1 (Gain):	2.842980	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999940	Status:	OK.
Std Error of Est:	0.000261		
Predicted MDL:	0.000125		
Predicted MQL:	0.000418		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00077	.000	1
S1	.00500	.00480	-.000	-3.92	.01448	.000	1
S2	.62500	.61266	-.012	-1.97	1.7453	.011	1
S3	1.2500	1.2276	-.022	-1.79	3.4963	.020	1
S4	2.5000	2.4889	-.011	-.446	7.0874	.007	1
S5	5.0000	5.0461	.046	.921	14.368	.054	1

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5



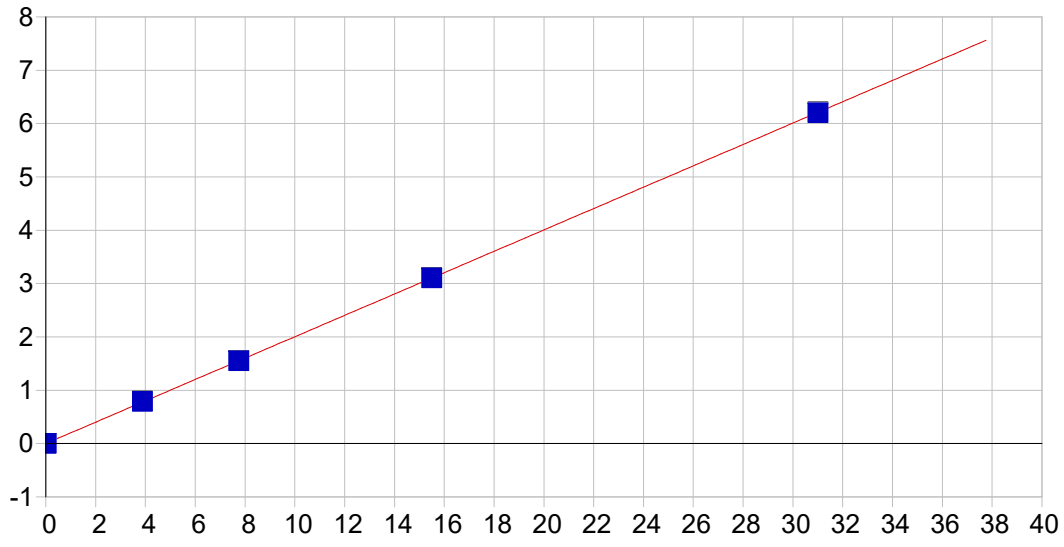
Ca 373.690 { 90}

Date of Fit:	12/17/2024 16:45:58	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.007380	Re-Slope:	1.000000
A1 (Gain):	0.047218	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999915	Status:	OK.
Std Error of Est:	0.002153		
Predicted MDL:	0.057108		
Predicted MQL:	0.190359		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00003	.000	.000	.00738	.003	1
S1	5.0000	5.1137	.114	2.27	.24884	.000	1
S2	62.500	62.906	.406	.649	2.9777	.015	1
S3	125.00	121.84	-3.16	-2.53	5.7606	.193	1
S4	250.00	245.97	-4.03	-1.61	11.621	.018	1
S5	500.00	496.67	-3.33	-.666	23.459	.127	1
S6	800.00	810.00	10.0	1.25	38.255	.030	1

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5



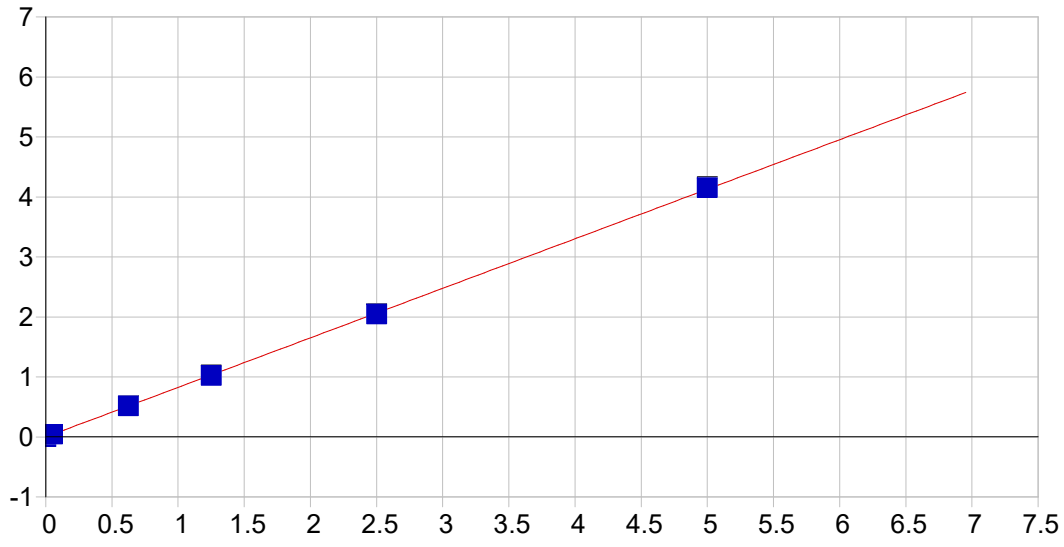
Cr 267.716 {126}

Date of Fit:	12/17/2024 16:45:58	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000038	Re-Slope:	1.000000
A1 (Gain):	0.200296	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999988	Status:	OK.
Std Error of Est:	0.000029		
Predicted MDL:	0.001037		
Predicted MQL:	0.003458		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00004	.000	1
S1	.01000	.01126	.001	12.6	.00230	.000	1
S2	3.8750	3.9425	.068	1.74	.79030	.004	1
S3	7.7500	7.7315	-.018	-.238	1.5498	.001	1
S4	15.500	15.483	-.017	-.107	3.1037	.003	1
S5	31.000	30.966	-.034	-.109	6.2073	.009	1

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5



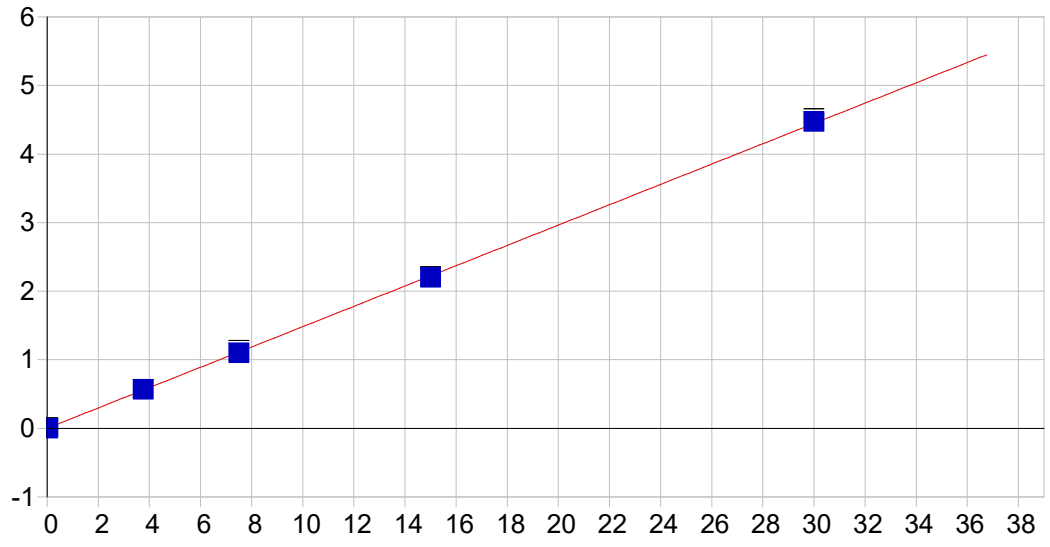
Co 228.616 {448}

Date of Fit:	12/17/2024 16:45:58	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000250	Re-Slope:	1.000000
A1 (Gain):	0.825606	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999974	Status:	OK.
Std Error of Est:	0.000159		
Predicted MDL:	0.000465		
Predicted MQL:	0.001549		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00025	.000	1
S1	.05000	.05202	.002	4.05	.04283	.000	1
S2	.62500	.62646	.001	.233	.51862	.003	1
S3	1.2500	1.2399	-.010	-.809	1.0267	.005	1
S4	2.5000	2.4791	-.021	-.837	2.0531	.005	1
S5	5.0000	5.0276	.028	.551	4.1638	.011	1

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5



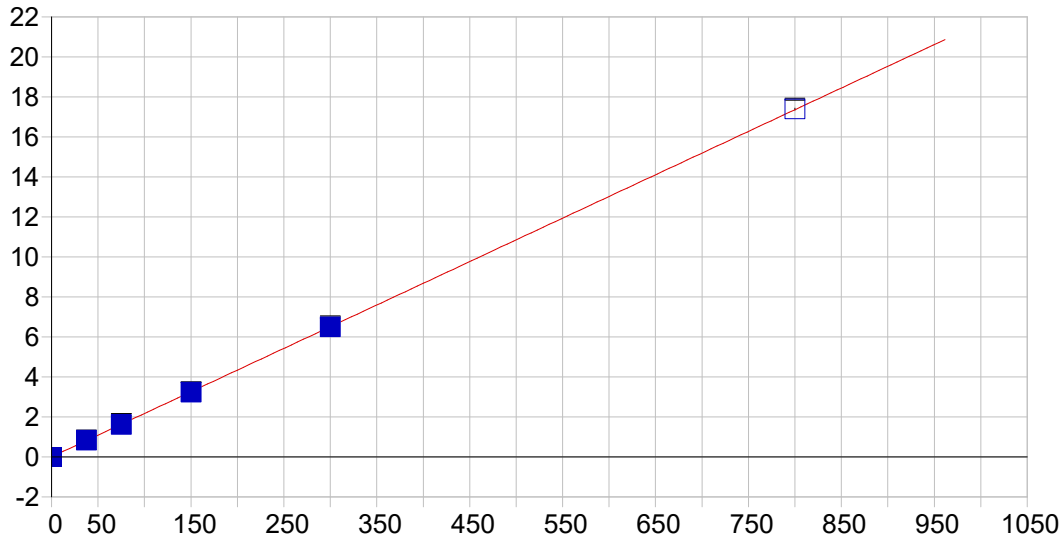
Cu 324.754 {104}

Date of Fit:	12/17/2024 16:45:58	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.001283	Re-Slope:	1.000000
A1 (Gain):	0.148166	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999955	Status:	OK.
Std Error of Est:	0.000064		
Predicted MDL:	0.011243		
Predicted MQL:	0.037478		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00128	.001	1
S1	.02500	.02233	-.003	-10.7	.00459	.002	1
S2	3.7500	3.8108	.061	1.62	.56585	.003	1
S3	7.5000	7.4170	-.083	-1.11	1.1001	.038	1
S4	15.000	14.840	-.160	-1.07	2.1998	.009	1
S5	30.000	30.185	.185	.617	4.4732	.043	1

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5



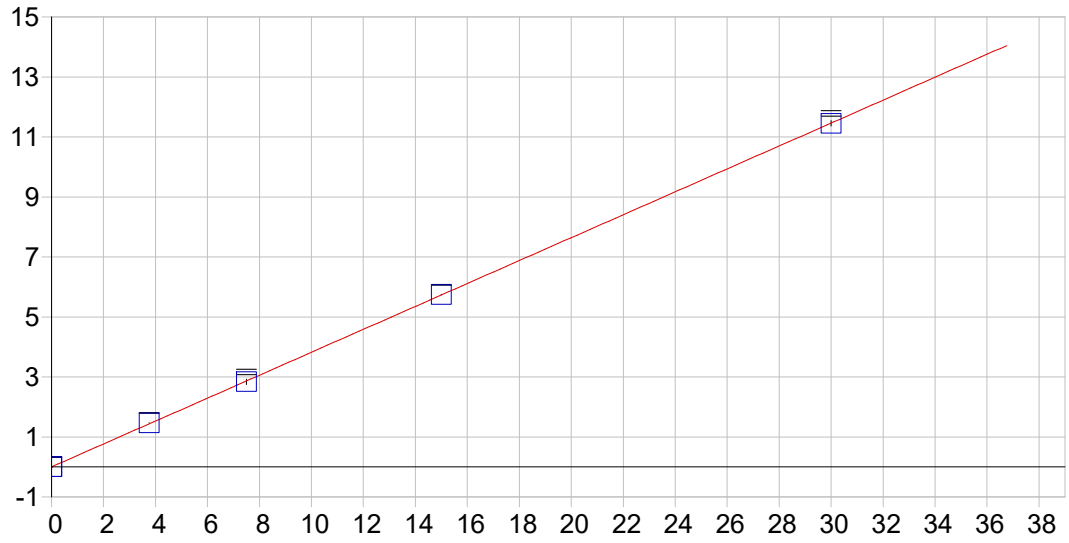
Fe 259.837 {130}

Date of Fit:	12/17/2024 16:45:58	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000229	Re-Slope:	1.000000
A1 (Gain):	0.021702	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999986	Status:	OK.
Std Error of Est:	0.000049		
Predicted MDL:	0.050745		
Predicted MQL:	0.169150		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00023	.001	1
S1	.10000	.09791	-.002	-2.09	.00235	.001	1
S2	37.500	38.324	.824	2.20	.83213	.002	1
S3	75.000	74.204	-.796	-1.06	1.6110	.051	1
S4	150.00	149.23	-.768	-.512	3.2396	.008	1
S5	300.00	299.08	-.921	-.307	6.4924	.051	1
S6	800.00	801.66	1.66	.208	17.398	.050	1

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5



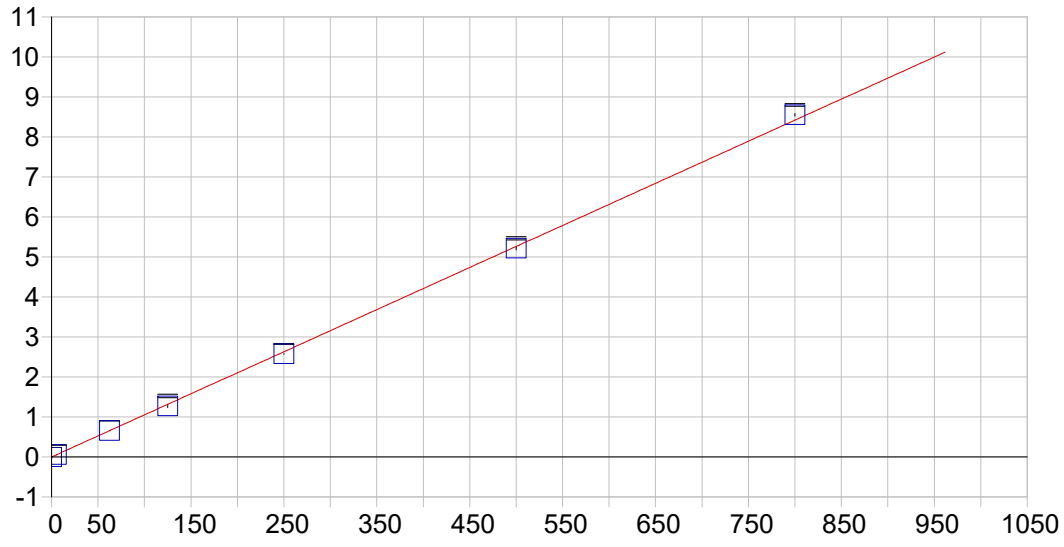
Mn 257.610 {131}

Date of Fit:	12/17/2024 16:45:58	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000077	Re-Slope:	1.000000
A1 (Gain):	0.382063	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999977	Status:	OK.
Std Error of Est:	0.000093		
Predicted MDL:	0.002371		
Predicted MQL:	0.007903		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00008	.002	1
S1	.01500	.01494	-.000	-.387	.00579	.001	1
S2	3.7500	3.8344	.084	2.25	1.4651	.005	1
S3	7.5000	7.4275	-.073	-.967	2.8378	.092	1
S4	15.000	15.013	.013	.089	5.7361	.011	1
S5	30.000	29.975	-.025	-.084	11.452	.090	1

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5



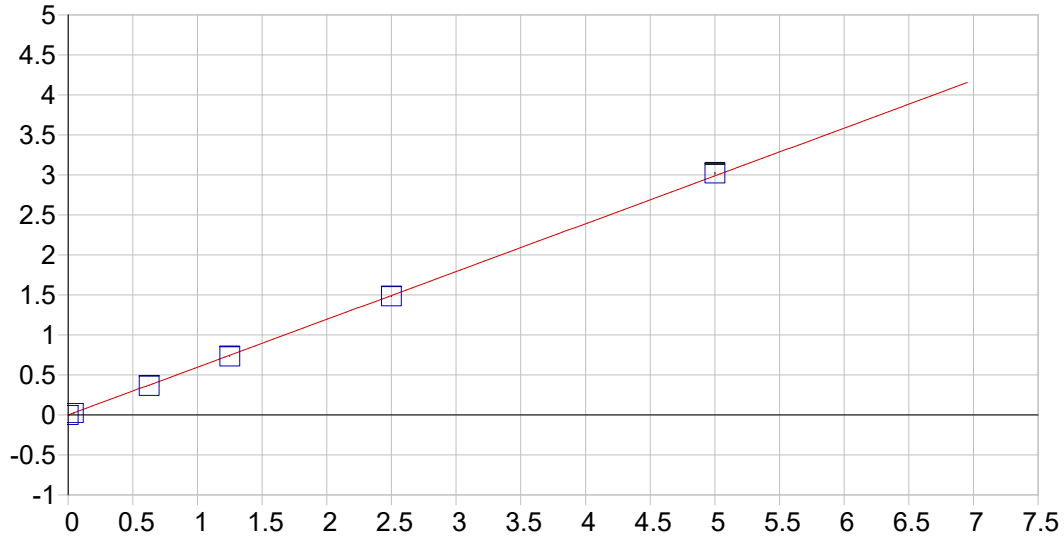
Mg 279.079 {121}

Date of Fit:	12/17/2024 16:45:58	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.001782	Re-Slope:	1.000000
A1 (Gain):	0.010525	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999870	Status:	OK.
Std Error of Est:	0.000592		
Predicted MDL:	0.106445		
Predicted MQL:	0.354816		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00007	.000	.000	-.00178	.001	1
S1	5.0000	5.1347	.135	2.69	.05226	.000	1
S2	62.500	62.482	-.018	-.029	.65585	.003	1
S3	125.00	121.38	-3.62	-2.90	1.2757	.041	1
S4	250.00	245.02	-4.98	-1.99	2.5771	.009	1
S5	500.00	495.64	-4.36	-.872	5.2149	.042	1
S6	800.00	812.84	12.8	1.61	8.5536	.031	1

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5



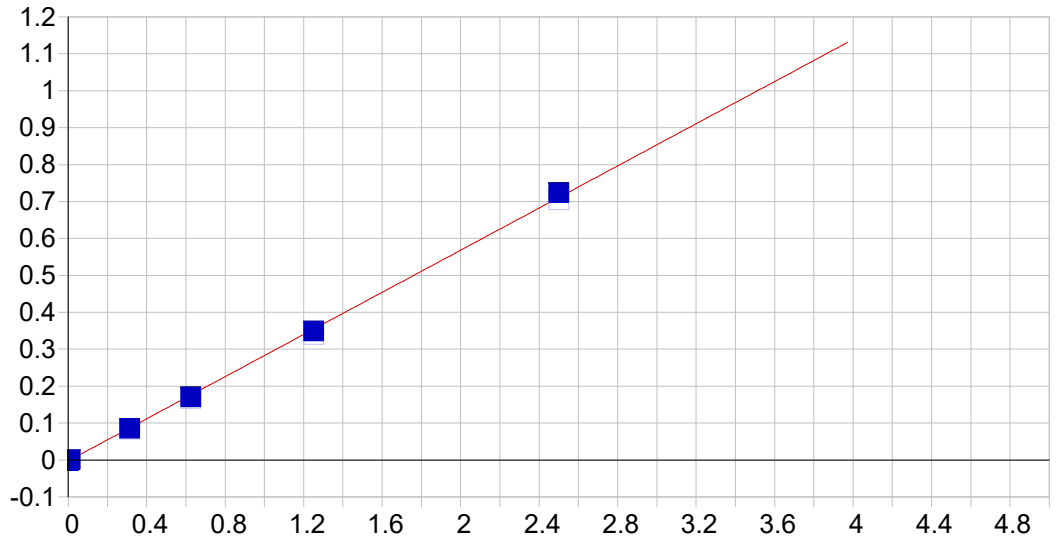
Ni 231.604 {446}

Date of Fit:	12/17/2024 16:45:58	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000616	Re-Slope:	1.000000
A1 (Gain):	0.597599	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999927	Status:	OK.
Std Error of Est:	0.000172		
Predicted MDL:	0.000720		
Predicted MQL:	0.002400		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00061	.000	1
S1	.04000	.03918	-.001	-2.04	.02280	.000	1
S2	.62500	.61138	-.014	-2.18	.36475	.002	1
S3	1.2500	1.2285	-.022	-1.72	.73351	.004	1
S4	2.5000	2.4826	-.017	-.695	1.4830	.003	1
S5	5.0000	5.0533	.053	1.07	3.0193	.012	1

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5



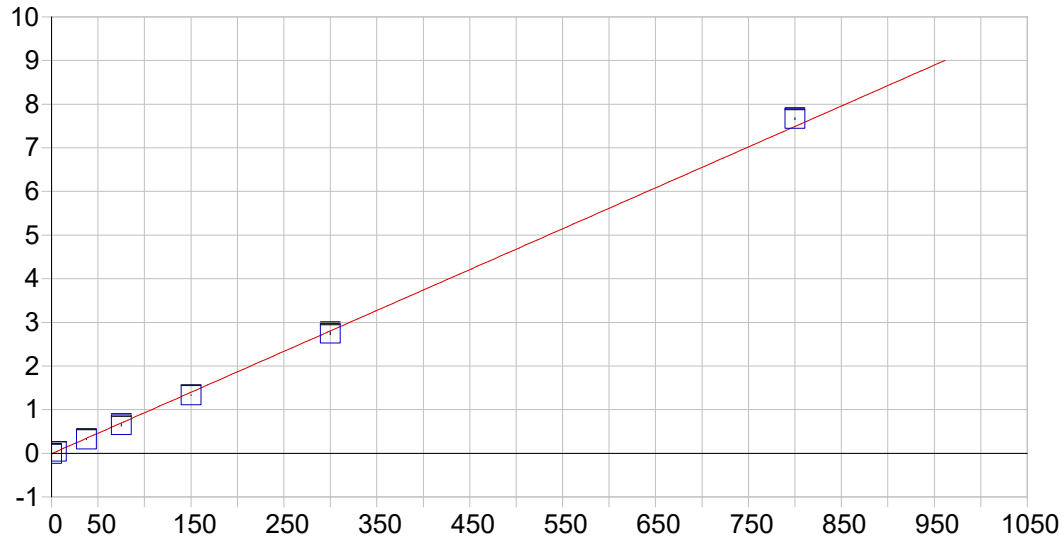
Ag 328.068 {103}

Date of Fit:	12/17/2024 16:45:58	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.002549	Re-Slope:	1.000000
A1 (Gain):	0.285395	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999808	Status:	OK.
Std Error of Est:	0.000046		
Predicted MDL:	0.001177		
Predicted MQL:	0.003924		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00255	.000	1
S1	.01000	.01054	.001	5.42	.00045	.000	1
S2	.31250	.30783	-.005	-1.49	.08295	.000	1
S3	.62500	.60613	-.019	-3.02	.16573	.000	1
S4	1.2500	1.2302	-.020	-1.58	.33914	.001	1
S5	2.5000	2.5427	.043	1.71	.70430	.001	1

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5



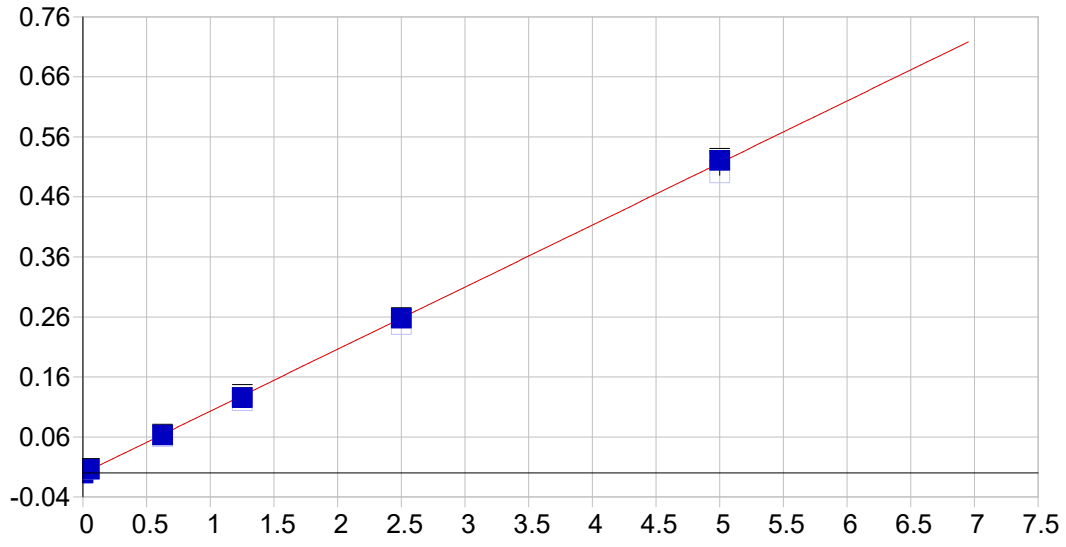
Na 818.326 { 41}

Date of Fit:	12/17/2024 16:45:58	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.009334	Re-Slope:	1.000000
A1 (Gain):	0.009373	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999533	Status:	OK.
Std Error of Est:	0.000886		
Predicted MDL:	0.866930		
Predicted MQL:	2.889766		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00076	.001	.000	-.00933	.006	1
S1	5.0000	5.0193	.019	.386	.03771	.004	1
S2	37.500	35.488	-2.01	-5.37	.32331	.010	1
S3	75.000	70.427	-4.57	-6.10	.65081	.027	1
S4	150.00	142.98	-7.02	-4.68	1.3309	.008	1
S5	300.00	294.42	-5.58	-1.86	2.7504	.032	1
S6	800.00	819.17	19.2	2.40	7.6691	.023	1

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5



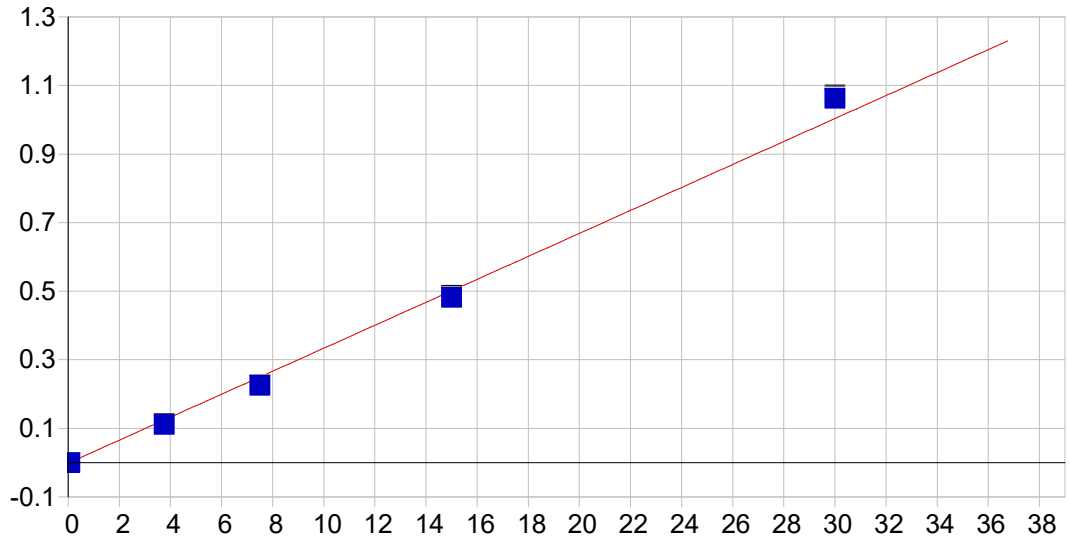
V 292.402 {115}

Date of Fit:	12/17/2024 16:45:58	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000684	Re-Slope:	1.000000
A1 (Gain):	0.103444	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999712	Status:	OK.
Std Error of Est:	0.000063		
Predicted MDL:	0.012809		
Predicted MQL:	0.042698		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00068	.002	1
S1	.05000	.06329	.013	26.6	.00585	.001	1
S2	.62500	.61259	-.012	-1.99	.06009	.002	1
S3	1.2500	1.2159	-.034	-2.73	.11991	.005	1
S4	2.5000	2.4953	-.005	-.187	.24708	.001	1
S5	5.0000	5.0374	.037	.748	.49967	.004	1

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5



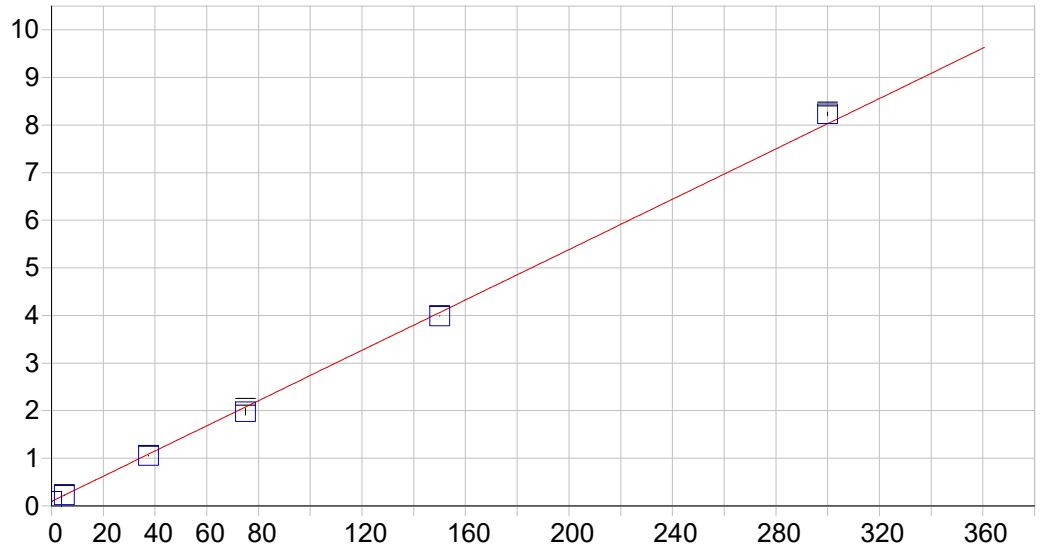
Zn 213.856 {158}

Date of Fit:	12/17/2024 16:45:58	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.001514	Re-Slope:	1.000000
A1 (Gain):	0.033505	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.997867	Status:	OK.
Std Error of Est:	0.000157		
Predicted MDL:	0.018177		
Predicted MQL:	0.060591		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00002	.000	.000	-.00151	.001	1
S1	.06000	.04990	-.010	-16.8	.00016	.000	1
S2	3.7500	3.3437	-.406	-10.8	.11113	.002	1
S3	7.5000	6.7657	-.734	-9.79	.22640	.001	1
S4	15.000	14.402	-.598	-3.99	.48348	.005	1
S5	30.000	31.749	1.75	5.83	1.0671	.005	1

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5



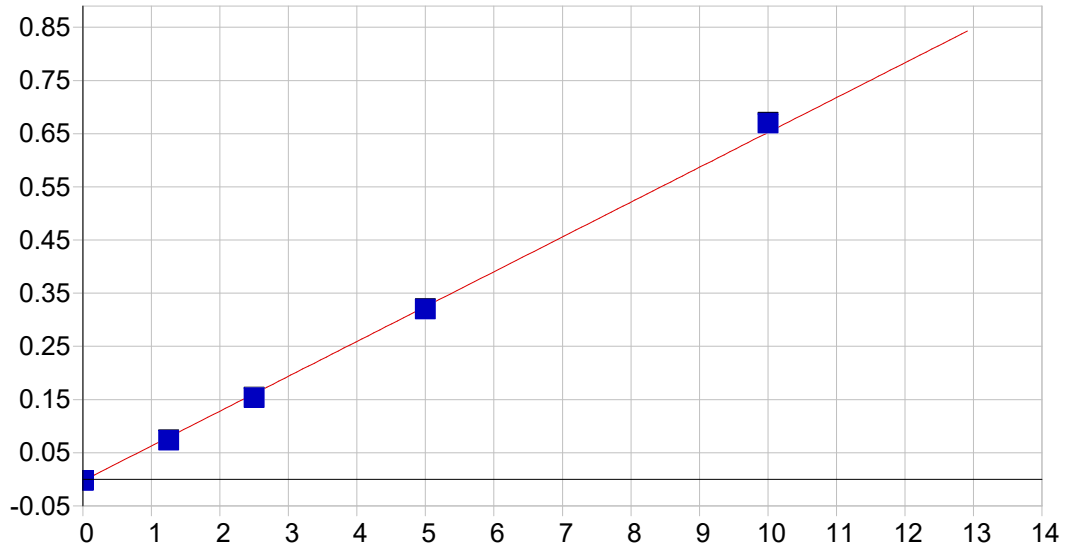
K 769.896 { 44}

Date of Fit:	12/17/2024 16:45:58	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.095722	Re-Slope:	1.000000
A1 (Gain):	0.026443	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999570	Status:	OK.
Std Error of Est:	0.001598		
Predicted MDL:	0.215306		
Predicted MQL:	0.717687		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00033	.000	.000	.09573	.004	1
S1	5.0000	5.0581	.058	1.16	.22947	.005	1
S2	37.500	36.240	-1.26	-3.36	1.0540	.006	1
S3	75.000	71.217	-3.78	-5.04	1.9789	.070	1
S4	150.00	147.20	-2.80	-1.86	3.9882	.003	1
S5	300.00	307.78	7.78	2.59	8.2342	.042	1

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5



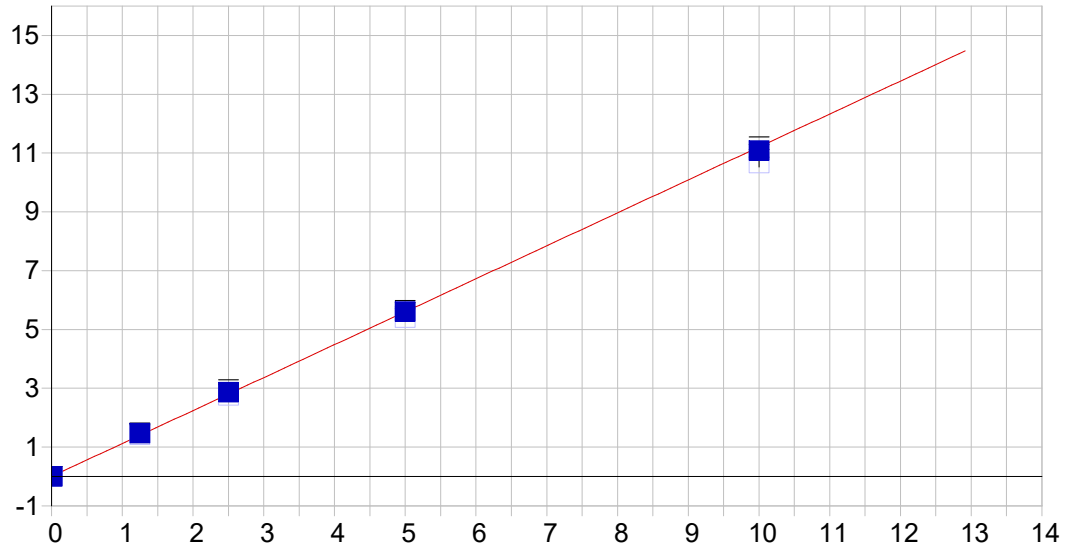
P 177.495 {490}

Date of Fit:	12/17/2024 16:45:58	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.002783	Re-Slope:	1.000000
A1 (Gain):	0.065509	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999472	Status:	OK.
Std Error of Est:	0.000036		
Predicted MDL:	0.002701		
Predicted MQL:	0.009003		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00278	.000	1
S1	.01000	.01169	.002	16.9	-.00201	.000	1
S2	1.2500	1.1655	-.084	-6.76	.07345	.001	1
S3	2.5000	2.3833	-.117	-4.67	.15311	.001	1
S4	5.0000	4.9290	-.071	-1.42	.31964	.000	1
S5	10.000	10.270	.270	2.70	.66907	.002	1

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5



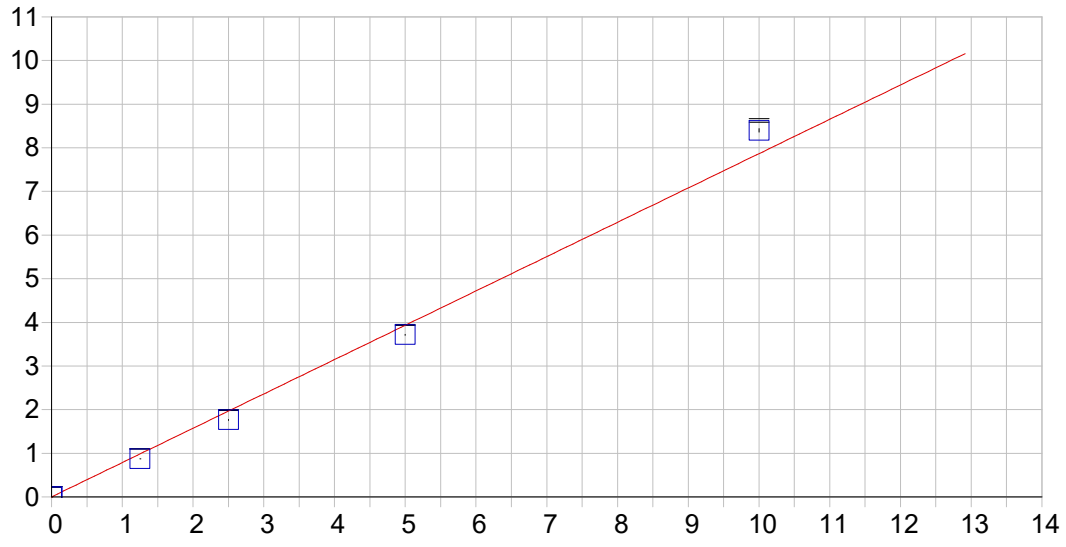
B 249.678 {135}

Date of Fit:	12/17/2024 16:45:58	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.002209	Re-Slope:	1.000000
A1 (Gain):	1.120524	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999544	Status:	OK.
Std Error of Est:	0.000546		
Predicted MDL:	0.002472		
Predicted MQL:	0.008239		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00222	.003	1
S1	.01000	-.00019	-.010	-102.	.00193	.003	1
S2	1.2500	1.3118	.062	4.95	1.4189	.008	1
S3	2.5000	2.5542	.054	2.17	2.7577	.081	1
S4	5.0000	5.0048	.005	.097	5.3972	.035	1
S5	10.000	9.8897	-.110	-1.10	10.658	.130	1

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5



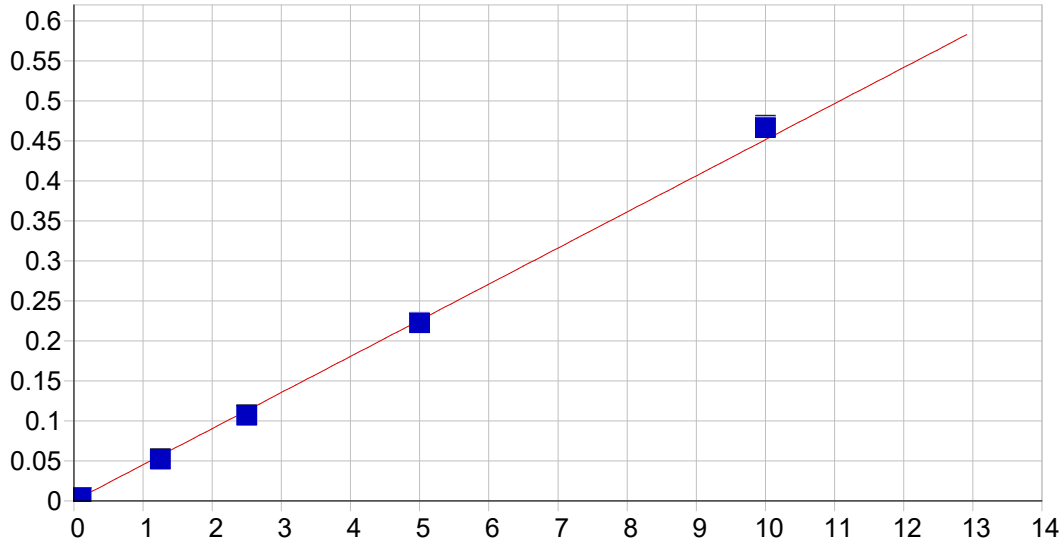
Mo 202.030 {467}

Date of Fit:	12/17/2024 16:45:58	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000398	Re-Slope:	1.000000
A1 (Gain):	0.786619	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.997233	Status:	OK.
Std Error of Est:	0.000983		
Predicted MDL:	0.000478		
Predicted MQL:	0.001594		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00040	.000	1
S1	.01000	.00905	-.001	-9.51	.00752	.000	1
S2	1.2500	1.1086	-.141	-11.3	.87242	.003	1
S3	2.5000	2.2417	-.258	-10.3	1.7637	.011	1
S4	5.0000	4.7222	-.278	-5.56	3.7150	.012	1
S5	10.000	10.678	.678	6.78	8.4003	.038	1

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5



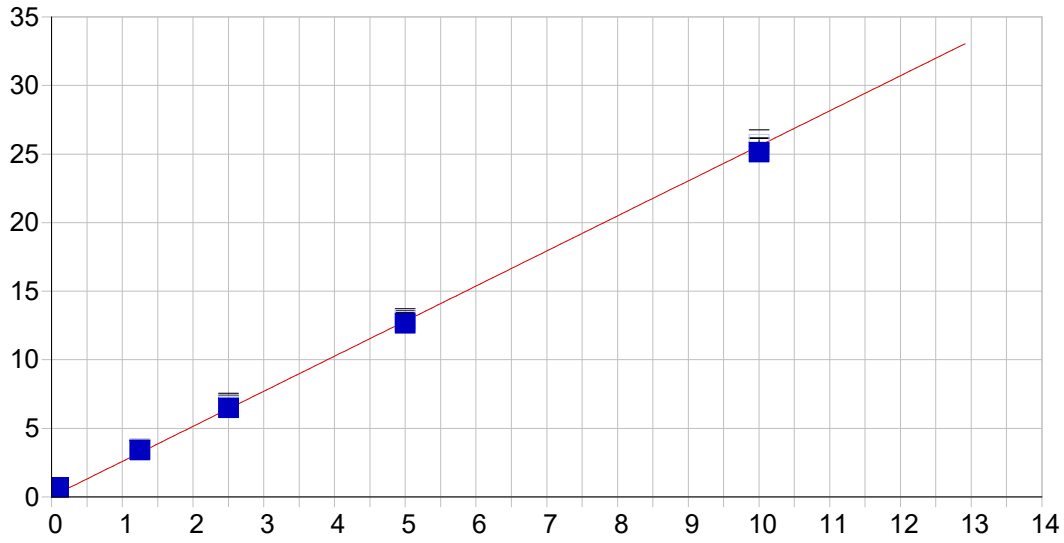
S 182.034 {485}

Date of Fit:	12/17/2024 16:45:58	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000130	Re-Slope:	1.000000
A1 (Gain):	0.045133	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999206	Status:	OK.
Std Error of Est:	0.000096		
Predicted MDL:	0.004616		
Predicted MQL:	0.015387		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00003	.000	.000	.00013	.000	1
S1	.10000	.08488	-.015	-15.1	.00396	.000	1
S2	1.2500	1.1493	-.101	-8.06	.05218	.000	1
S3	2.5000	2.3614	-.139	-5.54	.10707	.000	1
S4	5.0000	4.9240	-.076	-1.52	.22309	.000	1
S5	10.000	10.330	.330	3.30	.46783	.002	1

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5



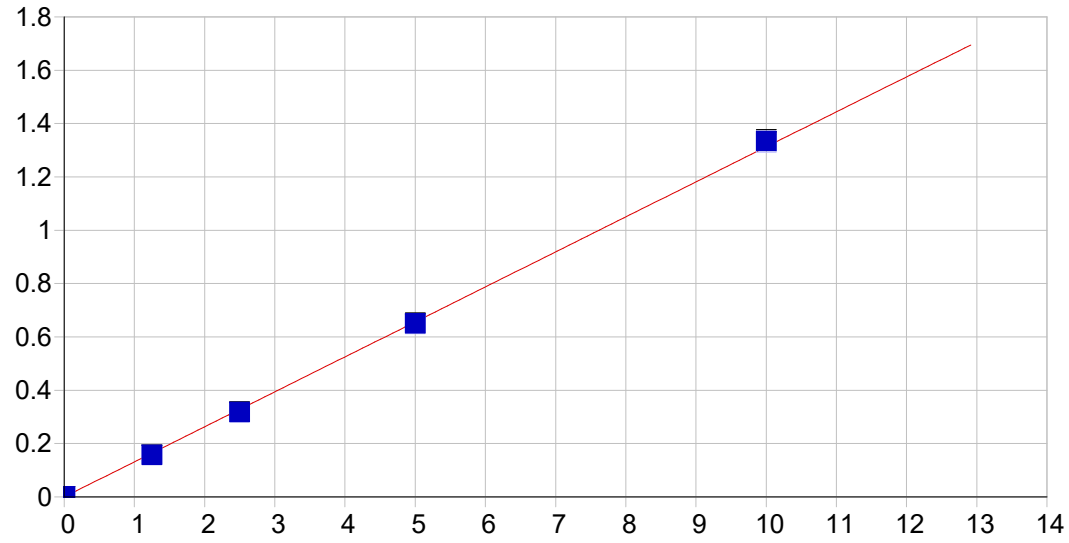
Si 251.611 {134}

Date of Fit:	12/17/2024 16:45:58	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.024706	Re-Slope:	1.000000
A1 (Gain):	2.557536	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.993512	Status:	OK.
Std Error of Est:	0.015910		
Predicted MDL:	0.001068		
Predicted MQL:	0.003558		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00016	-.000	.000	.02429	.001	1
S1	.10000	.25804	.158	158.	.68827	.004	1
S2	1.2500	1.3195	.070	5.56	3.4719	.016	1
S3	2.5000	2.5225	.023	.902	6.6213	.211	1
S4	5.0000	4.9327	-.067	-1.35	12.931	.073	1
S5	10.000	9.8186	-.181	-1.81	25.717	.315	1

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5



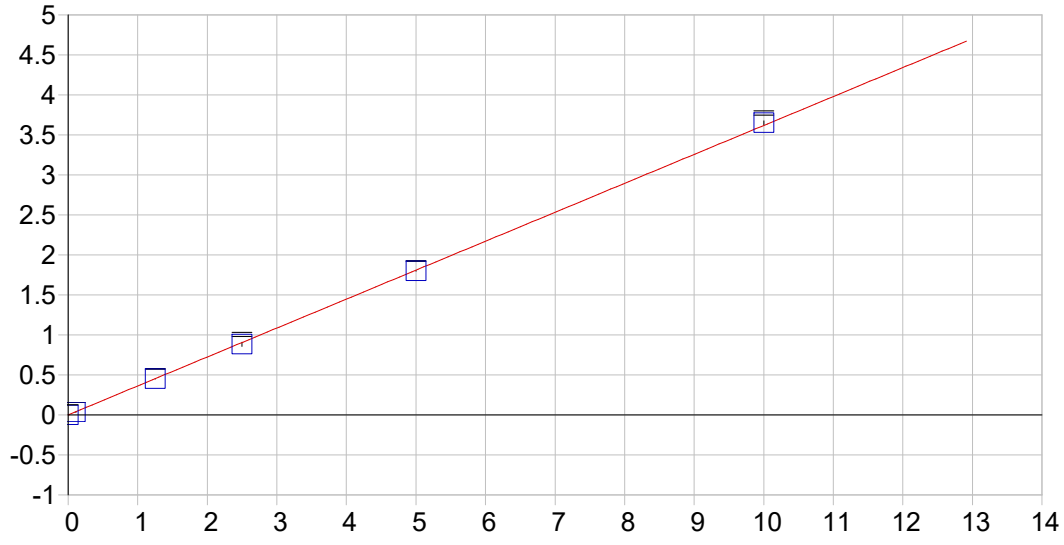
Sn 189.989 {478}

Date of Fit:	12/17/2024 16:45:58	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000150	Re-Slope:	1.000000
A1 (Gain):	0.131240	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999787	Status:	OK.
Std Error of Est:	0.000038		
Predicted MDL:	0.001435		
Predicted MQL:	0.004783		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00015	.000	1
S1	.00700	.00815	.001	16.4	.00118	.000	1
S2	1.2500	1.1991	-.051	-4.07	.15670	.001	1
S3	2.5000	2.4216	-.078	-3.14	.31632	.002	1
S4	5.0000	4.9591	-.041	-.819	.64769	.002	1
S5	10.000	10.169	.169	1.69	1.3282	.005	1

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5



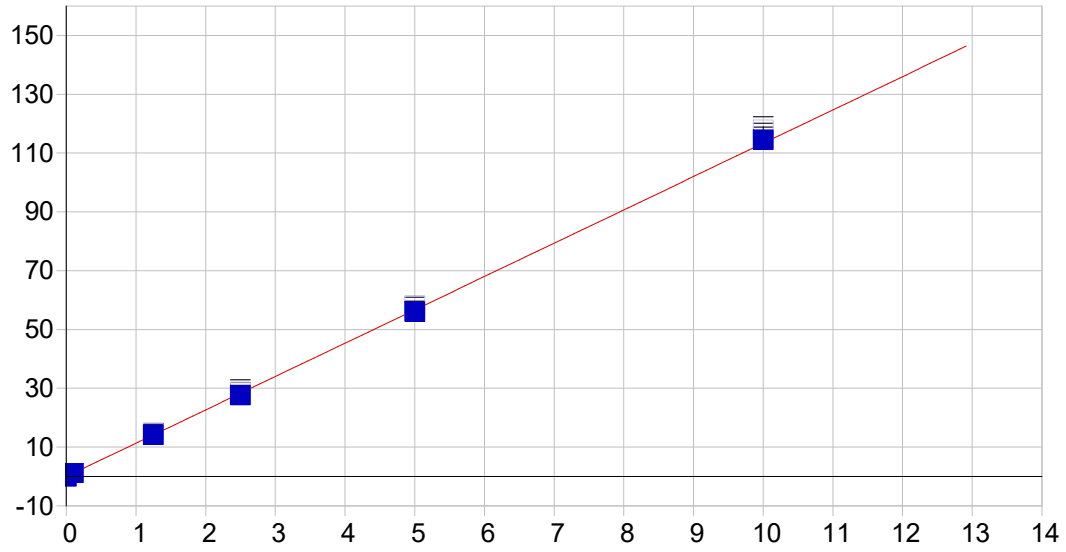
Ti 336.121 {100}

Date of Fit:	12/17/2024 16:45:58	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000562	Re-Slope:	1.000000
A1 (Gain):	0.361724	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999935	Status:	OK.
Std Error of Est:	0.000220		
Predicted MDL:	0.005364		
Predicted MQL:	0.017880		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00056	.002	1
S1	.10000	.10090	.001	.904	.03706	.001	1
S2	1.2500	1.2452	-.005	-.384	.45098	.004	1
S3	2.5000	2.4381	-.062	-2.48	.88247	.025	1
S4	5.0000	4.9767	-.023	-.467	1.8007	.004	1
S5	10.000	10.089	.089	.892	3.6501	.025	1

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5



Sr 407.771 { 83}

Date of Fit:	12/17/2024 16:45:58	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.003414	Re-Slope:	1.000000
A1 (Gain):	11.334414	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999916	Status:	OK.
Std Error of Est:	0.008059		
Predicted MDL:	0.000295		
Predicted MQL:	0.000983		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00347	.005	1
S1	.10000	.10665	.007	6.65	1.2065	.000	1
S2	1.2500	1.2536	.004	.287	14.630	.036	1
S3	2.5000	2.4411	-.059	-2.36	28.515	.940	1
S4	5.0000	4.9486	-.051	-1.03	57.787	.174	1
S5	10.000	10.100	.100	1.00	117.88	1.05	1

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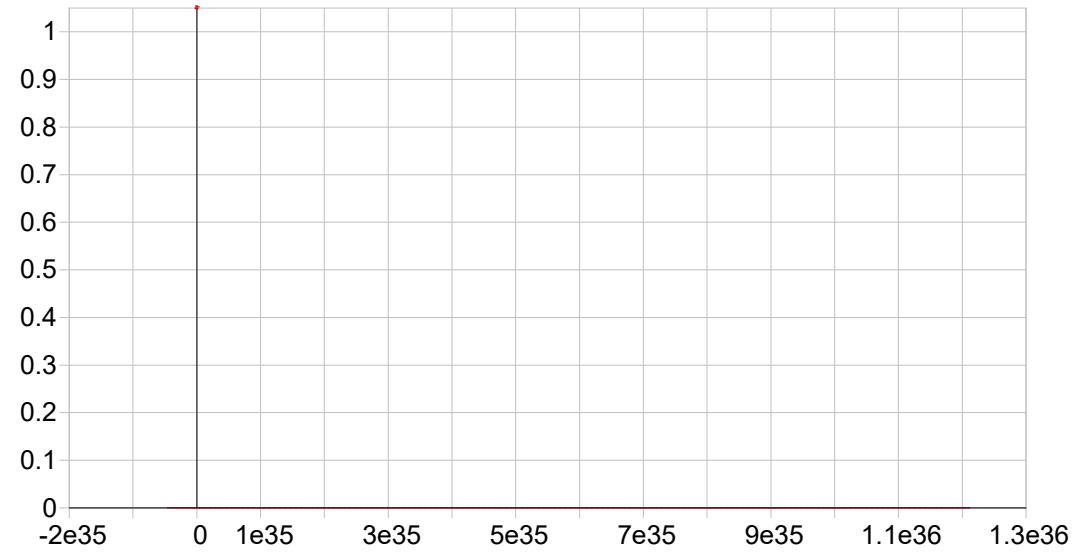
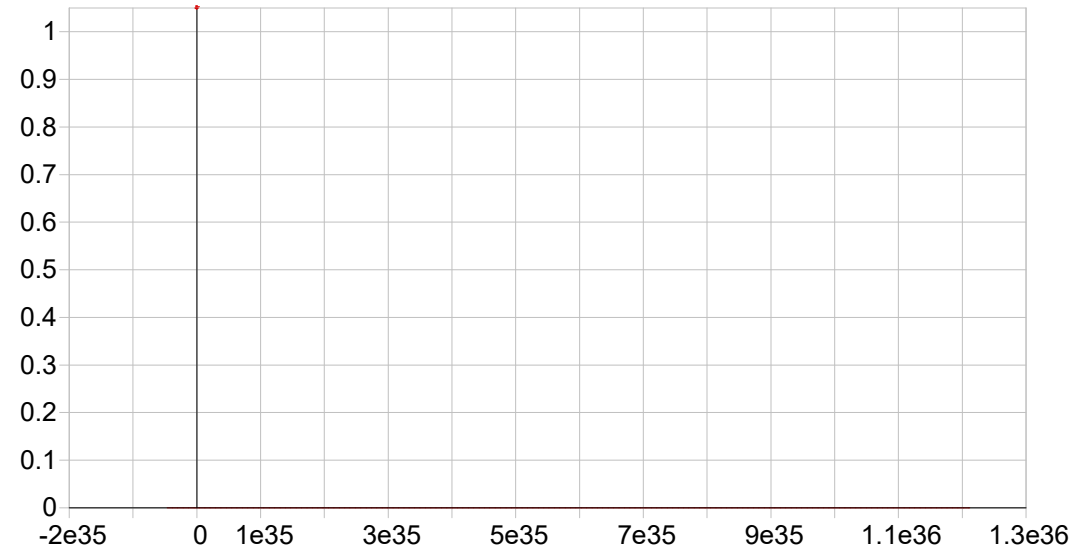


Y 224.306 {450}*

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}*

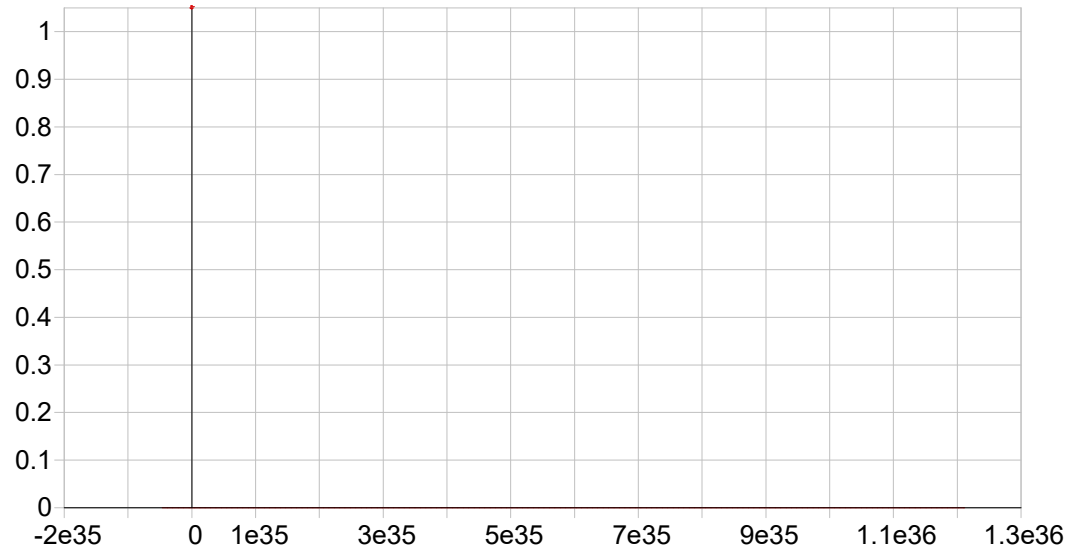
Date of Fit:	<not fit>	Type of Fit:	Linear	Weighting:	1/Conc

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

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
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



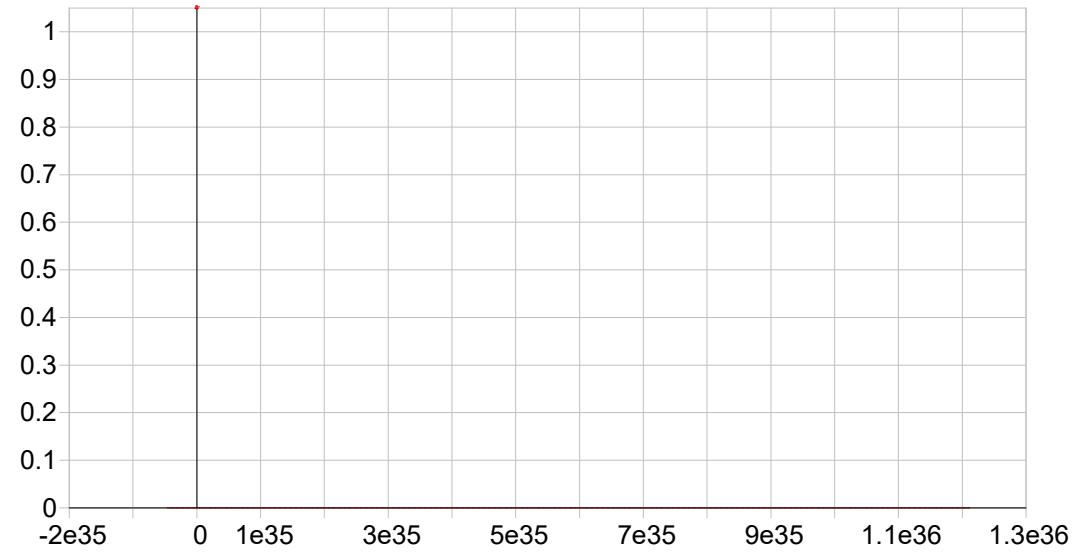
Y 371.030 { 91}*

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

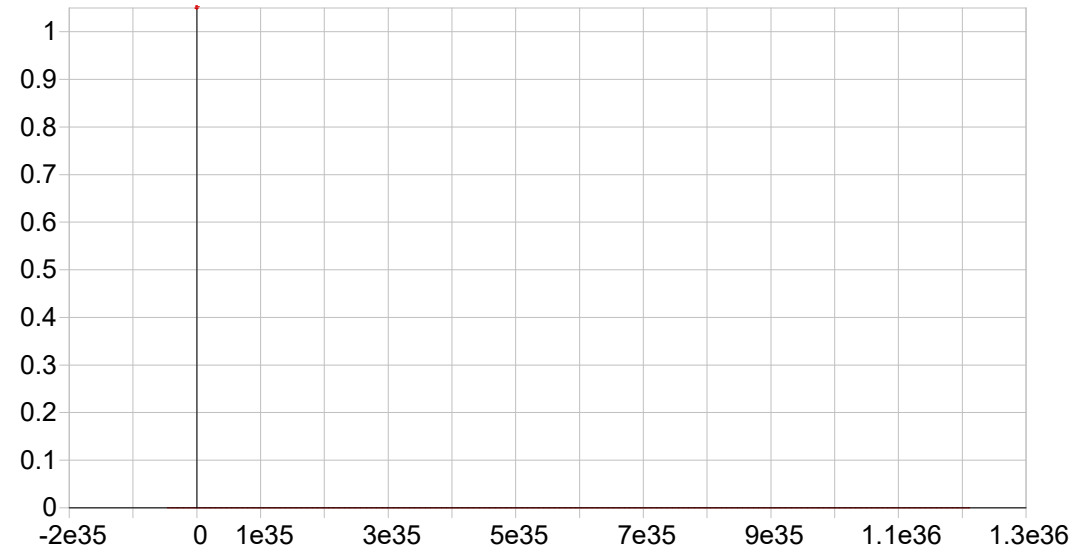
Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5



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



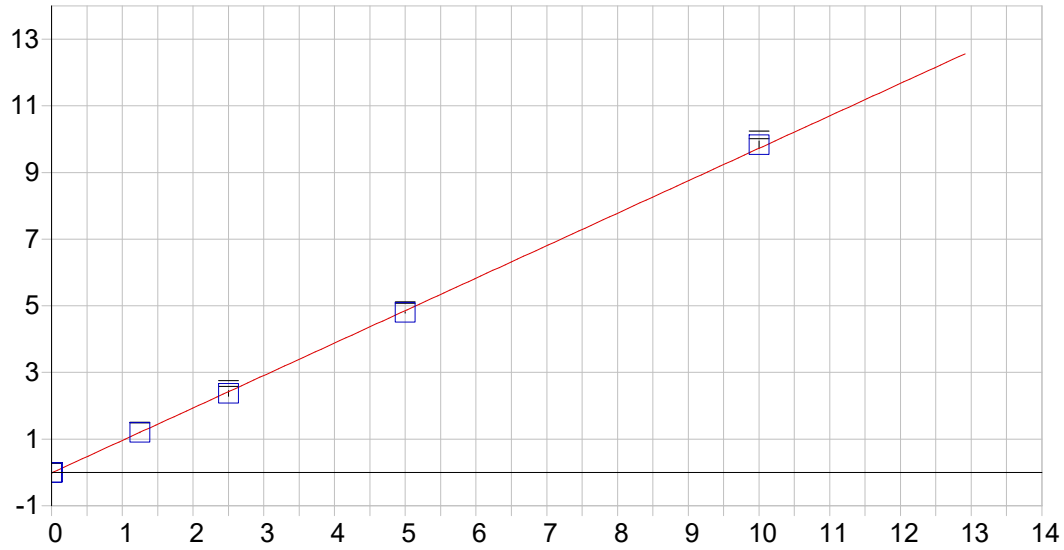
In 230.606 {446}*

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:Jaswal
On:1/6/2025 8:51:01 AM
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:	12/17/2024 16:45:58	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.014322	Re-Slope:	1.000000
A1 (Gain):	0.974037	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999923	Status:	OK.
Std Error of Est:	0.000248		
Predicted MDL:	0.006724		
Predicted MQL:	0.022413		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.01432	.003	1
S5	10.000	10.111	.111	1.11	9.8344	.117	1
S4	5.0000	4.9422	-.058	-1.16	4.7995	.022	1
S3	2.5000	2.4519	-.048	-1.92	2.3739	.087	1
S2	1.2500	1.2442	-.006	-.468	1.1975	.008	1
S1	.01500	.01547	.000	3.15	.00075	.001	1

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: S0 Acquired: 12/17/2024 16:14:12 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) 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	-.27204	-.00022	.00053	-.00013	.00098	-.00445	.01624	-.00147
Stddev	.31985	.00028	.00041	.00025	.00010	.00374	.00734	.00180
%RSD	117.58	125.06	76.683	191.91	10.552	83.999	45.189	122.24
#1	.09144	.00008	.00077	.00011	.00101	-.00597	.01409	-.00085
#2	-.51051	-.00027	.00006	-.00011	.00086	-.00720	.02442	-.00007
#3	-.39705	-.00047	.00077	-.00040	.00106	-.00019	.01022	-.00351

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	.00077	.00738	.00004	-.00025	.00128	.00023	.00008	-.00178
Stddev	.00008	.00330	.00025	.00015	.00147	.00088	.00156	.00090
%RSD	9.9008	44.734	661.89	61.006	114.85	386.19	2028.3	50.689
#1	.00081	.00639	-.00022	-.00013	.00288	-.00070	.00114	-.00101
#2	.00082	.00469	.00028	-.00043	-.00003	.00033	.00080	-.00156
#3	.00068	.01107	.00006	-.00020	.00100	.00106	-.00171	-.00277

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	-.00061	-.00255	-.00933	-.00068	-.00094	.09573	-.00278	.00222
Stddev	.00050	.00014	.00556	.00206	.00031	.00402	.00007	.00282
%RSD	80.635	5.4515	59.573	300.54	32.607	4.2005	2.5599	126.89
#1	-.00104	-.00248	-.01574	-.00002	-.00104	.09131	-.00283	.00019
#2	-.00074	-.00271	-.00615	.00096	-.00119	.09916	-.00270	.00543
#3	-.00007	-.00246	-.00609	-.00299	-.00060	.09673	-.00282	.00103

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	.00040	.00013	.02429	.00015	.00056	-.00347	-.01432
Stddev	.00017	.00003	.00071	.00010	.00152	.00541	.00315
%RSD	43.552	19.222	2.9395	68.437	271.01	156.06	22.014
#1	.00031	.00010	.02412	.00022	.00105	.00008	-.01485
#2	.00060	.00015	.02368	.00003	-.00115	-.00969	-.01094
#3	.00029	.00014	.02508	.00019	.00178	-.00078	-.01718

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: S0 Acquired: 12/17/2024 16:14:12 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) 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	1854.8	22761.	1149.3	1564.2	2445.7
Stddev	1.8	42.	5.8	7.0	.4
%RSD	.09939	.18590	.50694	.44622	.01666
#1	1855.5	22715.	1142.9	1559.6	2446.1
#2	1852.7	22769.	1150.7	1560.8	2445.5
#3	1856.1	22798.	1154.3	1572.3	2445.4

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: S1 Acquired: 12/17/2024 16:18:21 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) 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	1.1797	.00110	.00243	.00182	.01030	.02134	.73739	.09818
Stddev	.5555	.00019	.00037	.00010	.00013	.00241	.00517	.00427
%RSD	47.083	17.080	15.104	5.4910	1.2456	11.296	.70171	4.3446
#1	1.0473	.00117	.00285	.00171	.01016	.02408	.73835	.09804
#2	1.7895	.00089	.00224	.00191	.01040	.01957	.74201	.09399
#3	.70252	.00125	.00220	.00184	.01036	.02037	.73180	.10252

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	.01448	.24884	.00230	.04283	.00459	.00235	.00579	.05226
Stddev	.00015	.00049	.00022	.00037	.00184	.00105	.00078	.00037
%RSD	1.0497	.19792	9.6325	.86148	40.068	44.470	13.464	.70830
#1	.01459	.24879	.00236	.04249	.00517	.00123	.00499	.05206
#2	.01454	.24837	.00205	.04279	.00253	.00253	.00655	.05203
#3	.01430	.24935	.00247	.04322	.00606	.00330	.00582	.05269

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	.02280	.00045	.03771	.00585	.00109	.22947	-.00201	.00193
Stddev	.00032	.00013	.00392	.00118	.00069	.00505	.00019	.00333
%RSD	1.4086	27.602	10.396	20.135	63.274	2.2018	9.2370	172.68
#1	.02245	.00059	.03500	.00461	.00031	.23378	-.00195	.00511
#2	.02286	.00034	.04221	.00599	.00134	.22391	-.00187	.00223
#3	.02309	.00043	.03594	.00695	.00162	.23072	-.00222	-.00154

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	.00752	.00396	.68827	.00118	.03706	1.2065	.00075
Stddev	.00018	.00006	.00439	.00004	.00060	.0001	.00121
%RSD	2.3431	1.4543	.63833	3.5314	1.6132	.01136	161.09
#1	.00770	.00390	.69332	.00123	.03656	1.2064	-.00030
#2	.00750	.00398	.68615	.00116	.03690	1.2065	.00048
#3	.00735	.00400	.68533	.00116	.03772	1.2067	.00206

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: S1 Acquired: 12/17/2024 16:18:21 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) 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	1853.6	22773.	1144.7	1574.5	2447.7
Stddev	6.6	80.	6.6	11.2	8.2
%RSD	.35671	.35134	.57602	.71346	.33588
#1	1861.1	22753.	1137.6	1566.8	2456.0
#2	1851.3	22705.	1145.9	1569.4	2447.6
#3	1848.5	22861.	1150.6	1587.4	2439.6

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: S2 Acquired: 12/17/2024 16:22:28 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) 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	Cd2144
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	175.11	.07111	1.3853	.07923	.21015	4.4371	8.6553	2.3349	1.7453
Stddev	.75	.00022	.0063	.00049	.00098	.0117	.0218	.0132	.0105
%RSD	.42564	.31595	.45553	.61516	.46717	.26308	.25216	.56522	.60178
#1	174.60	.07114	1.3859	.07971	.21080	4.4462	8.6721	2.3464	1.7498
#2	175.96	.07088	1.3787	.07874	.20902	4.4239	8.6307	2.3205	1.7333
#3	174.76	.07132	1.3912	.07923	.21062	4.4412	8.6633	2.3379	1.7528

Elem	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2.9777	.79030	.51862	.56585	.83213	1.4651	.65585	.36475	.08295
Stddev	.0148	.00379	.00289	.00338	.00188	.0045	.00301	.00187	.00030
%RSD	.49690	.47988	.55694	.59729	.22557	.30915	.45838	.51221	.35896
#1	2.9943	.78785	.51955	.56514	.83347	1.4699	.65881	.36595	.08325
#2	2.9659	.78839	.51538	.56288	.82999	1.4644	.65593	.36259	.08266
#3	2.9729	.79467	.52092	.56953	.83294	1.4609	.65280	.36569	.08294

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.32331	.06009	.11981	1.0540	.07345	1.4189	.87242	.05218	3.4719
Stddev	.01050	.00160	.00153	.0061	.00059	.0080	.00305	.00037	.0159
%RSD	3.2466	2.6603	1.2753	.58060	.80888	.56551	.34906	.71617	.45657
#1	.31462	.06135	.11813	1.0552	.07300	1.4168	.87298	.05188	3.4785
#2	.32033	.05829	.12021	1.0474	.07323	1.4121	.86914	.05207	3.4539
#3	.33497	.06063	.12111	1.0595	.07412	1.4277	.87515	.05260	3.4834

Elem	Sn1899	Ti3361	Sr4077	Li6707
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.15670	.45098	14.630	1.1975
Stddev	.00102	.00383	.036	.0076
%RSD	.65397	.84973	.24322	.63619
#1	.15699	.45531	14.660	1.2007
#2	.15556	.44960	14.591	1.2030
#3	.15755	.44803	14.640	1.1888

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: S2 Acquired: 12/17/2024 16:22:28 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) 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	1780.4	22439.	1143.5	1519.8	2271.0
Stddev	8.4	69.	3.3	5.2	14.0
%RSD	.47188	.30628	.28770	.34375	.61736
#1	1778.7	22508.	1139.8	1522.9	2269.5
#2	1789.4	22439.	1144.3	1522.8	2285.8
#3	1772.9	22371.	1146.2	1513.8	2257.9

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: S3 Acquired: 12/17/2024 16:26:22 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) 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	Cd2144
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	341.98	.13879	2.7773	.16029	.42471	8.6497	16.851	4.4996	3.4963
Stddev	1.66	.00086	.0142	.00043	.00241	.2778	.545	.1372	.0200
%RSD	.48415	.62051	.50977	.26733	.56713	3.2116	3.2350	3.0495	.57257
#1	341.21	.13854	2.7741	.16025	.42431	8.3416	16.248	4.3472	3.4905
#2	340.85	.13808	2.7650	.15989	.42253	8.8812	17.310	4.6132	3.4798
#3	343.88	.13975	2.7928	.16074	.42729	8.7262	16.996	4.5384	3.5186

Elem	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5.7606	1.5498	1.0267	1.1001	1.6110	2.8378	1.2757	.73351	.16573
Stddev	.1929	.0014	.0053	.0376	.0509	.0919	.0414	.00389	.00036
%RSD	3.3479	.09369	.51370	3.4180	3.1605	3.2396	3.2453	.53004	.21918
#1	5.5480	1.5482	1.0253	1.0577	1.5554	2.7365	1.2293	.73183	.16551
#2	5.9244	1.5509	1.0223	1.1293	1.6553	2.9160	1.3087	.73075	.16552
#3	5.8094	1.5504	1.0326	1.1134	1.6223	2.8610	1.2892	.73796	.16615

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.65081	.11991	.24143	1.9789	.15311	2.7577	1.7637	.10707	6.6213
Stddev	.02686	.00544	.00123	.0696	.00099	.0814	.0113	.00047	.2110
%RSD	4.1271	4.5404	.50751	3.5152	.64692	2.9536	.63930	.44102	3.1866
#1	.62309	.11433	.24002	1.9025	.15306	2.6677	1.7613	.10692	6.3866
#2	.65260	.12521	.24224	2.0386	.15214	2.8264	1.7538	.10669	6.7951
#3	.67672	.12019	.24203	1.9956	.15412	2.7789	1.7760	.10760	6.6823

Elem	Sn1899	Ti3361	Sr4077	Li6707
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.31632	.88247	28.515	2.3739
Stddev	.00183	.02474	.940	.0872
%RSD	.57931	2.8035	3.2958	3.6742
#1	.31602	.85595	27.467	2.2735
#2	.31466	.90493	29.284	2.4309
#3	.31828	.88652	28.793	2.4174

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: S3 Acquired: 12/17/2024 16:26:22 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) 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	1704.2	22055.	1151.1	1467.4	2169.8
Stddev	6.3	18.	34.2	3.4	6.2
%RSD	.36958	.07966	2.9733	.23240	.28776
#1	1702.9	22040.	1189.5	1463.6	2169.4
#2	1711.0	22075.	1123.6	1470.2	2176.3
#3	1698.6	22052.	1140.4	1468.5	2163.8

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: S4 Acquired: 12/17/2024 16:30:09 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) 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	Cd2144
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	673.22	.27843	5.6639	.33081	.89536	17.571	34.375	8.8371	7.0874
Stddev	2.49	.00112	.0101	.00115	.00322	.015	.033	.0309	.0071
%RSD	.36989	.40221	.17843	.34694	.35951	.08288	.09739	.34952	.10024
#1	674.13	.27727	5.6589	.33087	.89382	17.576	34.338	8.8148	7.0877
#2	670.40	.27850	5.6574	.32964	.89319	17.555	34.403	8.8241	7.0802
#3	675.13	.27951	5.6756	.33193	.89906	17.583	34.383	8.8723	7.0944

Elem	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	11.621	3.1037	2.0531	2.1998	3.2396	5.7361	2.5771	1.4830	.33914
Stddev	.018	.0033	.0046	.0091	.0078	.0107	.0087	.0026	.00058
%RSD	.15077	.10682	.22303	.41571	.24015	.18613	.33828	.17616	.17181
#1	11.614	3.1063	2.0523	2.1901	3.2321	5.7329	2.5734	1.4820	.33939
#2	11.609	3.1000	2.0490	2.2083	3.2391	5.7480	2.5871	1.4810	.33847
#3	11.641	3.1048	2.0581	2.2008	3.2477	5.7274	2.5710	1.4860	.33956

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1.3309	.24708	.51936	3.9882	.31964	5.3972	3.7150	.22309	12.931
Stddev	.0077	.00139	.00546	.0028	.00049	.0355	.0125	.00010	.073
%RSD	.58263	.56154	1.0521	.07100	.15326	.65700	.33581	.04326	.56116
#1	1.3279	.24863	.52187	3.9849	.31911	5.3576	3.7094	.22304	12.870
#2	1.3250	.24664	.52312	3.9897	.31974	5.4080	3.7063	.22304	12.910
#3	1.3397	.24596	.51309	3.9899	.32007	5.4260	3.7293	.22321	13.011

Elem	Sn1899	Ti3361	Sr4077	Li6707
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.64769	1.8007	57.787	4.7995
Stddev	.00172	.0035	.174	.0216
%RSD	.26568	.19617	.30044	.45081
#1	.64637	1.7968	57.595	4.7746
#2	.64707	1.8037	57.934	4.8112
#3	.64963	1.8016	57.831	4.8128

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: S4 Acquired: 12/17/2024 16:30:09 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) 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	1578.2	21406.	1148.9	1383.0	2062.2
Stddev	1.4	40.	4.3	11.7	4.0
%RSD	.08621	.18716	.37818	.84915	.19326
#1	1579.7	21367.	1153.0	1376.4	2061.5
#2	1577.0	21406.	1149.3	1376.0	2058.6
#3	1578.0	21447.	1144.3	1396.6	2066.5

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: S5 Acquired: 12/17/2024 16:33:55 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) 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	Cd2144
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1315.4	.55998	11.621	.73790	2.0469	35.984	70.469	17.837	14.368
Stddev	.8	.00161	.039	.00349	.0126	.220	.482	.198	.054
%RSD	.06143	.28827	.33357	.47356	.61390	.61261	.68414	1.1122	.37527
#1	1316.4	.56108	11.642	.73894	2.0475	35.955	70.476	17.774	14.407
#2	1314.9	.56073	11.646	.74076	2.0592	36.217	70.948	18.059	14.392
#3	1315.1	.55813	11.577	.73401	2.0341	35.779	69.984	17.677	14.307

Elem	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	23.459	6.2073	4.1638	4.4732	6.4924	11.452	5.2149	3.0193	.70430
Stddev	.127	.0086	.0109	.0428	.0512	.090	.0422	.0124	.00123
%RSD	.54145	.13866	.26062	.95699	.78839	.78186	.80997	.41021	.17428
#1	23.411	6.2172	4.1728	4.4597	6.4843	11.434	5.1978	3.0256	.70330
#2	23.603	6.2028	4.1670	4.5211	6.5471	11.550	5.2630	3.0272	.70393
#3	23.363	6.2018	4.1518	4.4388	6.4457	11.373	5.1839	3.0050	.70567

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2.7504	.49967	1.1525	8.2342	.66907	10.658	8.4003	.46783	25.717
Stddev	.0319	.00388	.0046	.0416	.00181	.130	.0378	.00169	.315
%RSD	1.1611	.77551	.40143	.50481	.27039	1.2226	.44980	.36033	1.2264
#1	2.7604	.50034	1.1528	8.2282	.66937	10.644	8.4150	.46810	25.718
#2	2.7762	.50317	1.1477	8.2785	.67071	10.794	8.4285	.46937	26.031
#3	2.7147	.49551	1.1569	8.1961	.66713	10.535	8.3574	.46603	25.400

Elem	Sn1899	Ti3361	Sr4077	Li6707
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1.3282	3.6501	117.88	9.8344
Stddev	.0051	.0255	1.05	.1166
%RSD	.38652	.69829	.88683	1.1860
#1	1.3325	3.6597	117.75	9.8148
#2	1.3296	3.6693	118.98	9.9596
#3	1.3225	3.6211	116.90	9.7289

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: S5 Acquired: 12/17/2024 16:33:55 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) 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	1350.9	20513.	1124.1	1226.9	1927.3
Stddev	4.6	106.	8.0	6.0	5.4
%RSD	.34392	.51858	.71333	.48674	.27921
#1	1349.1	20540.	1129.4	1229.4	1923.0
#2	1347.4	20604.	1114.8	1231.2	1925.5
#3	1356.1	20396.	1127.9	1220.1	1933.3

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: S6 Acquired: 12/17/2024 16:37:42 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) 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	97.098	38.255	17.398	8.5536	7.6691
Stddev	.317	.030	.050	.0310	.0229
%RSD	.32634	.07954	.28541	.36272	.29863
#1	97.341	38.263	17.443	8.5754	7.6695
#2	96.739	38.221	17.345	8.5181	7.6460
#3	97.212	38.280	17.406	8.5672	7.6918

Int. Std.	Y_3710
Units	Cts/S
Avg	1099.8
Stddev	8.7
%RSD	.79507
#1	1090.5
#2	1107.9
#3	1100.9

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: ICV006 Acquired: 12/17/2024 17:27:27 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: ICV006 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.066653	1.033561	.9693345	.9247468	.9352598	2.422658
Stddev	.005050	.007987	.0028207	.0052495	.0023382	.032483
%RSD	.4734765	.7727700	.2909888	.5676644	.2500047	1.340816
#1	1.061206	1.024407	.9661248	.9280829	.9338251	2.416817
#2	1.067571	1.037161	.9704606	.9186958	.9339964	2.393491
#3	1.071180	1.039113	.9714182	.9274615	.9379579	2.457665

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5217057	.5298556	.4981011	10.16350	.5525504	.5044319
Stddev	.0013227	.0042354	.0014968	.05657	.0017989	.0020494
%RSD	.2535403	.7993571	.3004976	.5565854	.3255546	.4062831
#1	.5217844	.5329199	.4967187	10.15428	.5544086	.5027827
#2	.5203453	.5250225	.4978939	10.22411	.5524251	.5037869
#3	.5229873	.5316244	.4996907	10.11210	.5508174	.5067263

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5078443	10.31791	.5284634	6.009178	.5113734	.2446435
Stddev	.0070962	.06125	.0027536	.057573	.0027259	.0007728
%RSD	1.397325	.5935964	.5210513	.9580866	.5330474	.3158725
#1	.5010980	10.24756	.5316272	6.074529	.5097057	.2453776
#2	.5071898	10.35938	.5266078	5.987064	.5098954	.2447159
#3	.5152451	10.34678	.5271553	5.965940	.5145190	.2438371

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.45155	.5216188	.9569378	9.673049	F .0008230	F .0001626
Stddev	.27005	.0045417	.0043304	.050147	.0012624	.0028694
%RSD	2.583793	.8706867	.4525314	.5184182	153.3934	1764.804
#1	10.19568	.5163892	.9614127	9.726943	.0022757	-.002545
#2	10.73383	.5245735	.9566327	9.664441	-.000008	-.000137
#3	10.42513	.5238936	.9527680	9.627764	.000201	.003170

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: ICV006 Acquired: 12/17/2024 17:27:27 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: ICV006 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F -.000200	F .0039404	F -.000332	F .0005517	F .0016857	F -.009159
Stddev	.000283	.0051958	.000448	.0011006	.0023675	.000195
%RSD	141.7605	131.8614	135.0630	199.5030	140.4491	2.126031
#1	.000127	.0026876	-.000716	-.000031	-.000200	-.009096
#2	-.000366	-.000515	-.000440	-.000135	.004343	-.009377
#3	-.000361	.009648	.000160	.001821	.000914	-.009003

Elem	Li6707
Units	ppm
Avg	F -.013262
Stddev	.002768
%RSD	20.87424
#1	-.010164
#2	-.015492
#3	-.014131

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1862.590	23018.20	1168.965	1583.134	2443.866
Stddev	4.645	126.69	4.322	9.204	5.191
%RSD	.2493979	.5503861	.3697226	.5813542	.2124137
#1	1857.703	23059.17	1164.047	1581.386	2438.659
#2	1863.117	22876.09	1172.157	1574.930	2443.897
#3	1866.949	23119.33	1170.692	1593.087	2449.041

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: ICB006 Acquired: 12/17/2024 17:33:18 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: ICB006 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0032378	.0006714	-.000832	-.002176	.0004048	.0076501	.0001624
Stddev	.0032370	.0047888	.004412	.002265	.0019224	.0016541	.0010780
%RSD	99.97497	713.2403	530.2366	104.1094	474.8758	21.62197	664.0024
#1	.0068845	.0050144	.001279	-.000029	-.000655	.0057851	.0012916
#2	.0021244	.0014643	.002128	-.001955	-.000754	.0082259	-.000856
#3	.0007044	-.004464	-.005903	-.004544	.002624	.0089394	.000051

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000974	-.000165	-.031562	.0004008	-.000312	.0085151	.0057792
Stddev	.0000340	.000016	.036780	.0007821	.000373	.0100041	.0069599
%RSD	34.87558	9.649571	116.5344	195.1558	119.3365	117.4864	120.4293
#1	.0001034	-.000183	-.073034	-.000372	-.000429	.0123057	.0080468
#2	.0001280	-.000154	-.002901	.001192	.000105	-.002830	.0113225
#3	.0000609	-.000157	-.018750	.000382	-.000613	.016070	-.002032

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000954	-.046675	.0003737	-.000141	-.385477	.0028283	.0139823
Stddev	.001648	.059739	.0008505	.000351	.771846	.0035606	.0062087
%RSD	172.7819	127.9873	227.5719	247.9177	200.2315	125.8932	44.40421
#1	-.000423	-.064854	.0012917	-.000480	.505367	-.001204	.0197435
#2	.000364	-.095213	.0002167	-.000165	-.807582	.004149	.0074065
#3	-.002801	.020041	-.000387	.000220	-.854215	.005540	.0147968

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.159762	.0000448	.0021371	-.000347	-.002760	.0003360	-.000746
Stddev	.221065	.0017407	.0030478	.000445	.002940	.0011207	.000677
%RSD	138.3716	3881.995	142.6146	128.2602	106.5400	333.5537	90.68411
#1	-.351726	-.001693	.0055960	-.000819	.000542	.0008941	-.001187
#2	.081932	.000040	.0009700	-.000290	-.005096	-.000954	.000033
#3	-.209492	.001788	-.000155	.000067	-.003726	.001068	-.001084

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: ICB006 Acquired: 12/17/2024 17:33:18 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: ICB006 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	-.006819	.0003908	-.006746
Stddev	.001941	.0001308	.005152
%RSD	28.46372	33.47672	76.37543
#1	-.004678	.0005055	-.011112
#2	-.007317	.0004187	-.008064
#3	-.008463	.0002483	-.001063

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1845.451	22554.80	1139.164	1552.590	2421.916
Stddev	2.312	29.42	50.137	3.982	1.810
%RSD	.1252804	.1304425	4.401172	.2564637	.0747447
#1	1845.848	22564.66	1176.787	1549.850	2421.867
#2	1842.967	22578.03	1158.458	1557.158	2420.131
#3	1847.540	22521.72	1082.247	1550.763	2423.750

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: ICSA006 Acquired: 12/17/2024 17:49:18 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: ICSA006 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0023235	.0005709	-.006841	.0028161	.0112881	238.4311
Stddev	.0001856	.0061017	.003252	.0067293	.0034190	.8499
%RSD	7.989089	1068.768	47.53301	238.9604	30.28829	.3564668
#1	.0025311	-.002312	-.004645	.0045614	.0148148	237.6977
#2	.0022659	.007580	-.010576	.0085008	.0110613	238.2330
#3	.0021735	-.003555	-.005301	-.004614	.0079881	239.3625

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0059995	.0024027	.0005721	248.4812	.0527608	.0461092
Stddev	.0003445	.0001006	.0000804	.6723	.0008023	.0011256
%RSD	5.741516	4.185536	14.05288	.2705582	1.520572	2.441150
#1	.0062724	.0023122	.0006568	248.3690	.0525233	.0473894
#2	.0056125	.0025109	.0004970	247.8721	.0521040	.0456634
#3	.0061137	.0023849	.0005624	249.2026	.0536549	.0452748

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.012684	101.3737	.0064698	258.9743	.0049815	.0003034
Stddev	.002066	.2940	.0027719	.7057	.0010188	.0010897
%RSD	16.28580	.2899671	42.84335	.2724837	20.45148	359.1692
#1	-.015036	101.0810	.0041156	258.3590	.0057334	.0002970
#2	-.011853	101.6689	.0057690	258.8193	.0053891	.0013963
#3	-.011164	101.3714	.0095248	259.7446	.0038220	-.000783

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.096237	.0118933	-.004525	-1.14764	.0057156	F -.023364
Stddev	.659788	.0189916	.014845	.21672	.0040970	.000761
%RSD	60.18664	159.6830	328.0519	18.88424	71.68093	3.258932
#1	.349955	-.007085	-.018685	-1.29398	.0076731	-.023500
#2	1.336643	.030898	.010921	-.89867	.0084668	-.024048
#3	1.602111	.011868	-.005812	-1.25027	.0010071	-.022543

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: ICSA006 Acquired: 12/17/2024 17:49:18 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: ICSA006 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006561	.0219448	-.004044	F .0098063	-.007273	.0063950
Stddev	.0002063	.0125645	.001103	.0008532	.003990	.0004384
%RSD	31.44754	57.25490	27.26513	8.700624	54.85207	6.854557
#1	.0007584	.0160642	-.005313	.0098215	-.006903	.0066413
#2	.0004186	.0133990	-.003314	.0106518	-.003482	.0066548
#3	.0007914	.0363712	-.003506	.0089456	-.011435	.0058889

Elem	Li6707
Units	ppm
Avg	.0075784
Stddev	.0052946
%RSD	69.86534
#1	.0015732
#2	.0095877
#3	.0115743

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1736.858	21268.35	1132.885	1480.639	2114.694
Stddev	30.159	167.50	4.706	12.381	36.740
%RSD	1.736395	.7875551	.4153575	.8361633	1.737367
#1	1702.290	21155.74	1132.353	1470.296	2072.517
#2	1757.794	21460.83	1137.834	1494.357	2139.741
#3	1750.491	21188.47	1128.469	1477.263	2131.822

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: ICSAB006 Acquired: 12/17/2024 17:53:20 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: ICSAB006 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0954278	.1013072	.0430470	.0577132	.5341267	238.2769
Stddev	.0054071	.0024774	.0012098	.0069625	.0035293	.5292
%RSD	5.666150	2.445452	2.810476	12.06405	.6607634	.2220891
#1	.0962587	.0989331	.0422624	.0631841	.5305332	238.4141
#2	.1003714	.1038765	.0424382	.0498759	.5342586	238.7239
#3	.0896534	.1011121	.0444403	.0600797	.5375882	237.6926

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5327715	.5337577	1.016799	248.0945	.5971879	.5420104
Stddev	.0024027	.0048261	.004568	.8160	.0026134	.0024932
%RSD	.4509760	.9041648	.4492617	.3289075	.4376153	.4599929
#1	.5338568	.5374399	1.015131	248.1182	.5954331	.5414467
#2	.5344400	.5355390	1.013299	248.8984	.5959393	.5398473
#3	.5300176	.5282942	1.021966	247.2669	.6001914	.5447372

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4800709	101.3314	.5268376	258.5704	1.019894	.1872891
Stddev	.0147283	.0980	.0047502	.9435	.003264	.0002808
%RSD	3.067949	.0967148	.9016388	.3648798	.3200494	.1499390
#1	.4886866	101.4168	.5235859	259.0849	1.018285	.1873140
#2	.4884616	101.3529	.5322889	259.1448	1.017746	.1869966
#3	.4630646	101.2244	.5246380	257.4816	1.023650	.1875566

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3241342	.5275603	.9619012	-1.50587	.0053764	F -.022909
Stddev	.5609709	.0050681	.0304264	.10905	.0042559	.002030
%RSD	173.0675	.9606610	3.163147	7.241891	79.15879	8.860185
#1	.4322306	.5332519	.9268965	-1.63032	.0099958	-.020601
#2	-.283019	.5235358	.9768029	-1.46029	.0016147	-.023709
#3	.823191	.5258930	.9820042	-1.42701	.0045187	-.024417

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: ICSAB006 Acquired: 12/17/2024 17:53:20 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: ICSAB006 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0011017	.0215198	-.005197	F .0117755	-.009712	.0059552
Stddev	.0005598	.0083903	.000340	.0038240	.006898	.0003370
%RSD	50.80868	38.98882	6.551467	32.47417	71.03122	5.658554
#1	.0017411	.0284818	-.005147	.0151521	-.016614	.0057475
#2	.0007000	.0122040	-.005559	.0076231	-.009704	.0063440
#3	.0008640	.0238737	-.004884	.0125513	-.002817	.0057740

Elem	Li6707
Units	ppm
Avg	.0099782
Stddev	.0036160
%RSD	36.23884
#1	.0058368
#2	.0125095
#3	.0115882

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1767.717	21494.59	1143.077	1491.031	2155.223
Stddev	4.841	162.88	4.054	12.149	7.940
%RSD	.2738667	.7577495	.3546236	.8148081	.3684296
#1	1765.528	21596.65	1138.576	1499.059	2153.649
#2	1773.266	21580.37	1144.214	1496.981	2163.833
#3	1764.356	21306.75	1146.441	1477.054	2148.188

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: CCV049 Acquired: 12/17/2024 17:57:15 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: CCV049 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.075386	4.790864	24.57051	5.075229	5.062882	396.5640	9.963479
Stddev	.005558	.018922	.02907	.022723	.012396	3.6656	.095783
%RSD	.1095138	.3949575	.1183263	.4477191	.2448482	.9243474	.9613426
#1	5.068969	4.812705	24.54584	5.060231	5.056392	400.6334	10.07000
#2	5.078470	4.780453	24.56313	5.064084	5.055079	393.5209	9.88445
#3	5.078718	4.779434	24.60256	5.101373	5.077176	395.5376	9.93598

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5062800	2.479006	398.1458	15.37006	2.496535	14.78488	405.3491
Stddev	.0064297	.004334	3.0206	.01517	.002375	.20237	4.5825
%RSD	1.269994	.1748447	.7586688	.0986713	.0951490	1.368746	1.130518
#1	.5136508	2.475458	401.5599	15.36362	2.497196	15.01459	410.3068
#2	.5018229	2.477722	395.8207	15.35918	2.493899	14.63289	401.2685
#3	.5033664	2.483837	397.0569	15.38739	2.498509	14.70717	404.4718

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.23478	400.8582	2.501000	1.279276	398.4080	2.488070	15.95724
Stddev	.14916	4.1255	.003511	.000889	5.0710	.044987	.03088
%RSD	.9790990	1.029173	.1403945	.0694650	1.272827	1.808093	.1935065
#1	15.39424	405.2486	2.497281	1.280010	404.1404	2.539283	15.93355
#2	15.09866	397.0620	2.501460	1.278288	394.5076	2.454931	15.94601
#3	15.21144	400.2641	2.504259	1.279531	396.5758	2.469997	15.99216

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	151.4915	4.958210	4.817266	4.693916	4.970941	4.903321	4.993186
Stddev	1.2323	.008750	.069150	.011200	.004384	.064591	.007887
%RSD	.8134472	.1764840	1.435461	.2386143	.0881876	1.317293	.1579529
#1	152.7493	4.958094	4.896823	4.686666	4.968036	4.977449	4.993879
#2	150.2864	4.949519	4.771594	4.688266	4.968803	4.859134	4.984975
#3	151.4386	4.967019	4.783382	4.706816	4.975983	4.873379	5.000703

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: CCV049 Acquired: 12/17/2024 17:57:15 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: CCV049 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	4.947508	4.729706	4.986810
Stddev	.054133	.055316	.067180
%RSD	1.094155	1.169537	1.347148
#1	5.005332	4.789101	5.061920
#2	4.898036	4.679662	4.932462
#3	4.939156	4.720354	4.966048

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1529.069	20637.06	1131.677	1336.949	1972.894
Stddev	3.862	30.03	13.464	1.234	2.201
%RSD	.2525680	.1455251	1.189780	.0923040	.1115787
#1	1530.434	20662.71	1116.343	1337.383	1971.702
#2	1532.064	20644.45	1141.570	1337.907	1975.435
#3	1524.710	20604.02	1137.117	1335.556	1971.546

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: CCB049 Acquired: 12/17/2024 18:00:57 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: CCB049 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0036968	.0016954	.0004696	-.002228	.0011213	.0145113	-.001175
Stddev	.0030971	.0042541	.0010261	.006348	.0019582	.0119442	.002084
%RSD	83.77866	250.9250	218.5333	284.9723	174.6447	82.30983	177.2749
#1	.0058945	.0058160	-.000087	-.002862	.0008822	.0282615	-.001657
#2	.0001546	.0019509	.001654	.004414	.0031881	.0067078	-.002976
#3	.0050413	-.002681	-.000158	-.008235	-.000706	.0085645	.001107

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000447	-.000035	-.012840	.0006700	-.000471	.0103410	.0056633
Stddev	.0000450	.000046	.035016	.0002468	.000488	.0056025	.0179999
%RSD	100.7267	131.8362	272.7172	36.83021	103.6221	54.17774	317.8327
#1	.0000693	.000018	-.037092	.0009117	-.001001	.0043261	-.009570
#2	-.000007	-.000061	.027304	.0004184	-.000038	.0112860	.025526
#3	.000072	-.000061	-.028731	.0006800	-.000375	.0154110	.001034

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000348	-.053798	.0003548	.0004430	-.180279	.0042070	.0014375
Stddev	.003245	.134103	.0011519	.0004114	1.081393	.0113769	.0152801
%RSD	933.7166	249.2727	324.6432	92.86744	599.8423	270.4263	1062.965
#1	-.003306	-.148748	.0015194	.0005493	1.049437	-.007770	.0145974
#2	.003123	-.112256	-.000784	.0007909	-.607365	.014870	-.015321
#3	-.000859	.099611	.000329	-.000011	-.982910	.005520	.005036

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.042201	.0026343	.0134856	-.000327	.0027188	.0006943	.0010354
Stddev	.240997	.0008904	.0013810	.000460	.0029640	.0007668	.0015344
%RSD	571.0715	33.80080	10.24032	140.8082	109.0167	110.4475	148.1955
#1	-.085123	.0025690	.0130972	-.000473	.0061230	-.000191	.0027332
#2	.217373	.0035555	.0150192	-.000696	.0013233	.001125	.0006252
#3	-.258853	.0017783	.0123405	.000189	.0007102	.001149	-.000252

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: CCB049 Acquired: 12/17/2024 18:00:57 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: CCB049 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	-.001556	-.000210	.0019079
Stddev	.002349	.000137	.0060149
%RSD	151.0041	65.52601	315.2741
#1	-.004259	-.000367	-.003832
#2	-.000395	-.000151	.001391
#3	-.000013	-.000111	.008164

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1858.726	22867.04	1184.797	1583.684	2447.848
Stddev	4.023	32.22	7.311	6.395	4.828
%RSD	.2164610	.1409217	.6170696	.4037739	.1972327
#1	1858.941	22831.61	1180.040	1585.553	2448.664
#2	1854.600	22894.60	1181.135	1588.936	2442.664
#3	1862.638	22874.92	1193.215	1576.563	2452.216

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: PB165489BL Acquired: 12/17/2024 18:05:04 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: PBS489 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0013602	.0058289	-.001241	-.000459	-.001628	.0219019	-.001083
Stddev	.0061738	.0029101	.001090	.004774	.001262	.0204892	.001880
%RSD	453.8746	49.92587	87.80966	1039.104	77.48718	93.54984	173.5513
#1	.0053055	.0079150	-.001906	-.005921	-.002159	.0402434	-.002272
#2	.0045299	.0070672	-.001833	.001621	-.002539	.0256733	.001084
#3	-.005755	.0025044	.000017	.002922	-.000188	-.000211	-.002062

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000013	.0000296	-.042819	-.000279	.0003843	.0015667	.0313641
Stddev	.000120	.0001107	.047285	.000818	.0002398	.0028632	.0551654
%RSD	942.0258	373.5678	110.4319	293.1188	62.37969	182.7576	175.8872
#1	.000120	.0001575	-.007151	.000402	.0002257	-.000437	.0305289
#2	-.000043	-.000036	-.024850	-.000053	.0006601	.000291	.0869423
#3	-.000115	-.000033	-.096454	-.001187	.0002672	.004846	-.023379

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001077	.0781878	.0004441	-.000216	.5652930	.0047110	.0247967
Stddev	.002403	.0489125	.0007808	.000563	.6562865	.0040982	.0119054
%RSD	223.1607	62.55768	175.8112	260.2087	116.0967	86.99205	48.01213
#1	.001677	.0639045	-.000142	-.000534	1.188663	.0087941	.0135565
#2	-.002744	.0380069	.000143	.000434	-.119580	.0005978	.0372711
#3	-.002163	.1326519	.001331	-.000548	.626796	.0047412	.0235624

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.505401	-.000513	.0029516	-.000210	-.003126	-.000775	-.000076
Stddev	.112037	.000757	.0012949	.000109	.002837	.001068	.001755
%RSD	22.16786	147.7575	43.87022	52.02711	90.75213	137.8364	2317.508
#1	-.515262	-.000611	.0015343	-.000335	-.002281	.000396	-.001740
#2	-.612181	.000289	.0040728	-.000130	-.006290	-.001025	-.000247
#3	-.388760	-.001216	.0032478	-.000166	-.000808	-.001696	.001759

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: PB165489BL Acquired: 12/17/2024 18:05:04 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: PBS489 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.0032152	-.000170	-.003563
Stddev	.0033615	.000150	.010679
%RSD	104.5473	88.45006	299.6855
#1	.0041941	-.000098	.002106
#2	-.000527	-.000069	.003085
#3	.005979	-.000343	-.015881

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1856.879	22417.79	1158.232	1542.157	2449.156
Stddev	1.627	476.16	8.808	31.149	2.934
%RSD	.0876423	2.124030	.7604676	2.019819	.1197859
#1	1856.766	22646.79	1149.549	1557.524	2452.156
#2	1858.560	22736.19	1157.987	1562.637	2449.017
#3	1855.311	21870.40	1167.160	1506.311	2446.294

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: PB165489BS Acquired: 12/17/2024 18:09:12 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: LCS489 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0204050	.0513227	.0165043	.0526960	.0959619	.4045759
Stddev	.0031937	.0040363	.0013167	.0015818	.0044033	.0322650
%RSD	15.65146	7.864584	7.978105	3.001703	4.588634	7.975017
#1	.0219585	.0555759	.0178106	.0529489	.0970874	.4372325
#2	.0167318	.0475455	.0151774	.0510030	.0996932	.3727173
#3	.0225247	.0508466	.0165251	.0541361	.0911050	.4037779

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3915910	.0101208	.0092781	9.778839	.0211766	.0977233
Stddev	.0025375	.0000985	.0001910	.055286	.0009090	.0021508
%RSD	.6480066	.9733179	2.058910	.5653643	4.292396	2.200931
#1	.3935627	.0100561	.0093574	9.816941	.0220231	.0993214
#2	.3924823	.0100721	.0094167	9.715429	.0202159	.0985707
#3	.3887281	.0102342	.0090602	9.804146	.0212907	.0952779

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0581006	.1576658	.0298585	9.861370	.0742361	.0197509
Stddev	.0111720	.0358084	.0013791	.189298	.0011845	.0002916
%RSD	19.22876	22.71156	4.618838	1.919591	1.595579	1.476501
#1	.0698256	.1867870	.0282801	10.07238	.0752480	.0200092
#2	.0568971	.1176846	.0304650	9.80528	.0745271	.0194347
#3	.0475790	.1685258	.0308304	9.70646	.0729333	.0198089

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.33261	.1112014	.1316775	8.662114	.0165189	F .0031706
Stddev	.54791	.0107652	.0126381	.323293	.0015667	.0034311
%RSD	5.302720	9.680789	9.597766	3.732265	9.484528	108.2183
#1	9.75162	.0991748	.1444741	9.026050	.0171544	-.000531
#2	10.84000	.1144929	.1313543	8.408165	.0147342	.003798
#3	10.40622	.1199366	.1192041	8.552127	.0176680	.006245

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: PB165489BS Acquired: 12/17/2024 18:09:12 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: LCS489 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0171214	.1655081	F .4843181	.0121450	.1876171	.2013071
Stddev	.0005911	.0053882	.0019474	.0003911	.0023672	.0004124
%RSD	3.452480	3.255579	.4020816	3.220555	1.261697	.2048347
#1	.0171751	.1685140	.4858093	.0125084	.1894238	.2016209
#2	.0176838	.1687228	.4850300	.0117310	.1849374	.2014603
#3	.0165053	.1592874	.4821149	.0121958	.1884902	.2008401

Elem	Li6707
Units	ppm
Avg	F .0198308
Stddev	.0060906
%RSD	30.71268
#1	.0154688
#2	.0267893
#3	.0172343

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1877.713	22804.39	1168.191	1567.284	2470.805
Stddev	40.184	52.03	1.823	7.807	56.448
%RSD	2.140067	.2281443	.1560930	.4981219	2.284594
#1	1852.658	22776.93	1167.108	1560.215	2435.345
#2	1856.419	22771.84	1167.168	1565.974	2441.171
#3	1924.064	22864.39	1170.296	1575.663	2535.899

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: PB165495BL Acquired: 12/17/2024 18:13:15 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: PBS549 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007839	-.001012	-.003319	-.003604	-.000536	.0015231	.0006771
Stddev	.0003902	.002885	.001807	.001557	.002833	.0174638	.0011782
%RSD	49.78005	285.1220	54.42611	43.20574	528.3924	1146.580	174.0128
#1	.0004736	.000335	-.004187	-.001832	-.002718	.0096292	.0020320
#2	.0006561	-.004324	-.001243	-.004224	-.001557	.0134608	-.000106
#3	.0012221	.000953	-.004529	-.004755	.002666	-.018521	.000105

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000001	-.000032	-.001946	.0005699	.0001967	.0163889	-.004591
Stddev	.0000323	.000173	.117381	.0005619	.0002384	.0124806	.032644
%RSD	28704.80	539.9508	6033.296	98.60003	121.1942	76.15266	711.0785
#1	.0000264	.000126	.013551	.0005299	.0001072	.0022428	-.000734
#2	-.000036	-.000217	-.126305	.0011507	.0004670	.0210785	-.038991
#3	.000010	-.000005	.106917	.0000290	.0000161	.0258453	.025953

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002141	-.071190	.0002267	.0005675	.2014499	.0134703	.0380510
Stddev	.001969	.028736	.0001501	.0004780	1.145457	.0100230	.0096832
%RSD	91.99268	40.36554	66.21048	84.21959	568.6061	74.40843	25.44807
#1	-.001205	-.103976	.0001424	.0000267	1.214761	.0249728	.0425683
#2	-.000814	-.059217	.0003999	.0009333	.430982	.0088288	.0446502
#3	-.004403	-.050375	.0001376	.0007425	-1.04139	.0066093	.0269346

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.683549	-.000518	.0019957	-.000541	.0008007	-.000755	-.000225
Stddev	.113794	.000589	.0022013	.000425	.0059731	.001133	.001349
%RSD	16.64752	113.8636	110.3047	78.67986	745.9906	150.0965	599.2373
#1	-.613979	-.000085	.0005910	-.000917	.0056537	-.000219	-.001783
#2	-.621799	-.000278	.0045327	-.000627	-.005870	.000011	.000524
#3	-.814870	-.001189	.0008633	-.000079	.002618	-.002057	.000583

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: PB165495BL Acquired: 12/17/2024 18:13:15 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: PBS549 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	-.003929	.0000136	-.003835
Stddev	.000923	.0001693	.007389
%RSD	23.50171	1247.404	192.6809
#1	-.002873	.0000015	-.006036
#2	-.004331	.0001886	-.009874
#3	-.004584	-.000149	.004405

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1858.772	22805.14	1171.979	1571.920	2441.913
Stddev	8.479	72.47	3.626	4.462	14.500
%RSD	.4561685	.3177730	.3094295	.2838856	.5937979
#1	1863.327	22733.84	1173.462	1566.782	2453.909
#2	1864.000	22802.85	1174.630	1574.153	2446.030
#3	1848.989	22878.72	1167.847	1574.825	2425.800

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: PB165495BS Acquired: 12/17/2024 18:17:18 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: LCS549 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0225974	.0609593	.0160896	.0555014	.1001819	.4049408
Stddev	.0041368	.0035584	.0016503	.0018347	.0022130	.0057678
%RSD	18.30676	5.837365	10.25675	3.305704	2.209034	1.424344
#1	.0261031	.0586539	.0151557	.0574872	.1026133	.4089879
#2	.0236544	.0650575	.0151181	.0538692	.0982852	.3983365
#3	.0180346	.0591664	.0179951	.0551479	.0996473	.4074979

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4028602	.0104101	.0096930	10.08740	.0215497	.1025247
Stddev	.0019891	.0001370	.0000569	.00994	.0007864	.0003986
%RSD	.4937338	1.315800	.5869969	.0985625	3.649205	.3888277
#1	.4050598	.0104922	.0096534	10.09754	.0210861	.1028227
#2	.4011881	.0104861	.0097582	10.07767	.0224577	.1020719
#3	.4023325	.0102519	.0096673	10.08698	.0211053	.1026796

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0575450	.1811266	.0325766	10.10365	.0782023	.0200115
Stddev	.0075423	.0200696	.0017197	.19530	.0006009	.0012940
%RSD	13.10676	11.08045	5.278821	1.932957	.7683558	6.466443
#1	.0645178	.1582337	.0306923	10.32891	.0787073	.0214760
#2	.0495396	.1894546	.0340611	10.00026	.0775377	.0195361
#3	.0585775	.1956916	.0329765	9.98177	.0783618	.0190224

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.53750	.1040812	.1429960	8.701468	.0163199	F .0021026
Stddev	.51959	.0063379	.0355807	.211050	.0029183	.0016648
%RSD	4.930827	6.089365	24.88232	2.425457	17.88184	79.17779
#1	10.05808	.1070019	.1193749	8.849372	.0164178	.0035147
#2	10.46483	.1084321	.1839188	8.459779	.0133538	.0002669
#3	11.08960	.0968096	.1256944	8.795252	.0191879	.0025262

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: PB165495BS Acquired: 12/17/2024 18:17:18 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: LCS549 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0177213	.1778516	F .5010147	.0130003	.1955396	.2074706
Stddev	.0001280	.0025074	.0038372	.0014551	.0026915	.0000820
%RSD	.7223224	1.409830	.7658790	11.19283	1.376445	.0395102
#1	.0176203	.1803176	.5041182	.0145729	.1951364	.2074771
#2	.0176784	.1779325	.5022015	.0127261	.1984100	.2073856
#3	.0178652	.1753048	.4967243	.0117018	.1930725	.2075492

Elem	Li6707
Units	ppm
Avg	F .0187198
Stddev	.0053319
%RSD	28.48279
#1	.0195200
#2	.0236064
#3	.0130330

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1867.292	22885.08	1180.977	1581.981	2447.920
Stddev	5.764	63.50	7.951	4.121	8.180
%RSD	.3086787	.2774659	.6732165	.2605167	.3341719
#1	1860.640	22944.85	1173.409	1586.728	2439.398
#2	1870.813	22891.98	1180.260	1579.900	2455.709
#3	1870.422	22818.42	1189.262	1579.316	2448.653

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: PB165506BL Acquired: 12/17/2024 18:21:17 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: PBS506 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0041903	.0018058	-.001929	-.000614	.0002605	.0559384	-.000382
Stddev	.0031227	.0023281	.001124	.005336	.0001654	.0358896	.001493
%RSD	74.52358	128.9260	58.23999	869.0796	63.49183	64.15917	390.3256
#1	.0024296	.0003036	-.001369	.004588	.0003562	.0739650	-.001781
#2	.0023454	.0006261	-.003223	-.006075	.0000695	.0792414	.001190
#3	.0077957	.0044876	-.001196	-.000354	.0003558	.0146088	-.000556

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002593	.0000349	.0264456	-.000064	.0000080	-.005818	-.033882
Stddev	.0002945	.0001028	.0330133	.000407	.0002088	.011103	.050526
%RSD	113.5773	294.3638	124.8350	638.7238	2593.825	190.8422	149.1222
#1	.0002232	.0000537	.0027121	.000175	.0002309	.001160	-.037006
#2	.0005701	.0001270	.0641469	-.000533	-.000183	.000008	-.082774
#3	-.000016	-.000076	.0124778	.000168	-.000024	-.018621	.018133

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003601	-.041973	-.000368	-.000463	.2821240	-.002493	.0227290
Stddev	.003018	.095486	.000471	.000981	1.030010	.018580	.0222134
%RSD	83.82149	227.4919	128.0546	211.8389	365.0912	745.2300	97.73146
#1	-.000312	.068274	-.000746	.000602	1.289672	-.017319	.0017584
#2	-.006245	-.098412	.000160	-.000663	.325667	-.008509	.0460053
#3	-.004245	-.095781	-.000518	-.001329	-.768967	.018349	.0204232

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.652978	.0027938	.0004855	-.000354	.0010345	-.001596	-.001253
Stddev	.226678	.0018560	.0022863	.000005	.0022938	.000619	.001121
%RSD	34.71446	66.43256	470.9605	1.361808	221.7333	38.80480	89.53555
#1	-.560342	.0048950	-.002154	-.000360	-.001451	-.000883	-.002397
#2	-.911303	.0021088	.001747	-.000353	.003070	-.002003	-.000155
#3	-.487289	.0013777	.001863	-.000351	.001484	-.001901	-.001206

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: PB165506BL Acquired: 12/17/2024 18:21:17 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: PBS506 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.0011526	.0000776	F -.015836
Stddev	.0047035	.0003784	.001894
%RSD	408.0724	487.4268	11.95945
#1	.0003157	-.000166	-.016439
#2	-.003076	.000514	-.017355
#3	.006218	-.000114	-.013714

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1878.331	23076.60	1173.599	1597.763	2475.506
Stddev	6.232	365.69	7.810	31.366	6.707
%RSD	.3317939	1.584663	.6654798	1.963134	.2709202
#1	1878.902	22753.83	1175.757	1571.401	2474.357
#2	1884.257	23002.20	1180.104	1589.436	2482.712
#3	1871.832	23473.76	1164.938	1632.453	2469.447

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: PB165506BS Acquired: 12/17/2024 18:25:20 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: LCS506 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0226715	.0554214	.0169934	.0548872	.1004175	.4285024
Stddev	.0042248	.0030721	.0027691	.0028559	.0027910	.0188749
%RSD	18.63498	5.543244	16.29491	5.203249	2.779441	4.404862
#1	.0252476	.0566039	.0193562	.0573520	.1035810	.4474973
#2	.0177957	.0519337	.0176777	.0555520	.0983030	.4097498
#3	.0249712	.0577266	.0139464	.0517575	.0993683	.4282602

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4014722	.0105061	.0097234	10.06362	.0215897	.1026404
Stddev	.0066545	.0000543	.0000733	.24351	.0002780	.0005094
%RSD	1.657526	.5172277	.7540033	2.419753	1.287780	.4962781
#1	.4088715	.0105425	.0097741	10.32746	.0217097	.1022676
#2	.3995670	.0104437	.0096394	10.01592	.0217875	.1024329
#3	.3959781	.0105323	.0097569	9.84749	.0212718	.1032208

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .0692674	.1814246	.0316281	10.13138	.0776383	.0202830
Stddev	.0087370	.0755429	.0025543	.10786	.0005571	.0007522
%RSD	12.61342	41.63875	8.076100	1.064619	.7175224	3.708684
#1	.0777949	.2683456	.0289241	10.18066	.0770850	.0211135
#2	.0696724	.1316168	.0340003	10.20580	.0776309	.0200882
#3	.0603350	.1443114	.0319598	10.00768	.0781991	.0196474

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.04888	.1029291	.1459215	8.761757	.0191284	F .0007963
Stddev	1.12723	.0072368	.0070663	.444897	.0041572	.0016084
%RSD	11.21744	7.030812	4.842543	5.077716	21.73315	201.9754
#1	8.82873	.0963876	.1394201	9.118352	.0144116	.0020798
#2	10.26646	.1107029	.1534420	8.903714	.0207147	-.001008
#3	11.05146	.1016970	.1449022	8.263204	.0222590	.001317

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: PB165506BS Acquired: 12/17/2024 18:25:20 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: LCS506 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0179209	.1746454	F .4945734	.0110823	.1988398	.2055573
Stddev	.0002615	.0020383	.0045582	.0002510	.0072116	.0025959
%RSD	1.459359	1.167085	.9216471	2.264447	3.626844	1.262863
#1	.0178557	.1735003	.4977503	.0113429	.2056893	.2078220
#2	.0176982	.1769987	.4966193	.0110616	.1995163	.2061256
#3	.0182089	.1734371	.4893507	.0108423	.1913137	.2027243

Elem	Li6707
Units	ppm
Avg	F .0164224
Stddev	.0049764
%RSD	30.30253
#1	.0158328
#2	.0216673
#3	.0117670

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1856.720	22892.81	1186.530	1580.194	2440.396
Stddev	8.577	37.02	16.269	4.258	6.504
%RSD	.4619548	.1617053	1.371107	.2694517	.2665121
#1	1862.392	22858.62	1172.753	1585.035	2445.717
#2	1860.915	22887.69	1182.359	1577.029	2442.324
#3	1846.852	22932.12	1204.478	1578.519	2433.146

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: PB165466BL Acquired: 12/17/2024 18:29:21 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: PBS466 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0011305	.0019138	-.004354	-.003325	-.001559	.0084003	-.002465
Stddev	.0006581	.0016998	.000791	.001111	.001577	.0017250	.000788
%RSD	58.21605	88.81702	18.17691	33.41774	101.1507	20.53543	31.99128
#1	.0014211	.0033510	-.005259	-.002430	-.000779	.0070183	-.003179
#2	.0015932	.0000376	-.003792	-.004569	-.000524	.0078491	-.002596
#3	.0003771	.0023527	-.004011	-.002976	-.003373	.0103336	-.001619

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000590	-.000029	.0569214	-.000042	.0001669	.0113004	-.006579
Stddev	.0001709	.000107	.0579193	.000631	.0001680	.0024716	.045354
%RSD	289.4296	364.3427	101.7531	1511.873	100.6441	21.87157	689.3450
#1	-.000130	-.000138	.0984275	.000684	.0000068	.0137223	.014088
#2	.000106	.000075	-.009247	-.000464	.0003417	.0087819	.024760
#3	.000202	-.000025	.081584	-.000345	.0001521	.0113970	-.058586

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000642	-.055915	.0003160	.0008239	.3024632	.0022037	.0215440
Stddev	.001342	.108786	.0007466	.0008569	.6926492	.0091361	.0099649
%RSD	209.2541	194.5567	236.2235	103.9991	229.0028	414.5867	46.25362
#1	.000583	.069693	.0011777	.0004831	-.285602	-.004971	.0139999
#2	-.000430	-.119885	-.000139	.0017987	1.065961	.012489	.0177919
#3	-.002077	-.117552	-.000091	.0001899	.127031	-.000907	.0328403

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.699179	.0008649	.0008579	-.000183	.0031256	-.000213	-.000922
Stddev	.562692	.0020520	.0025121	.000240	.0026611	.000459	.000523
%RSD	80.47901	237.2633	292.8083	131.3002	85.13974	215.5664	56.70586
#1	-.752112	-.001490	.0035955	-.000231	.0001953	-.000666	-.001519
#2	-1.23353	.001812	.0003196	-.000396	.0053917	.000251	-.000695
#3	-.11189	.002272	-.001341	.000078	.0037897	-.000224	-.000550

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: PB165466BL Acquired: 12/17/2024 18:29:21 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: PBS466 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.0001569	.0001216	-.008836
Stddev	.0038783	.0003276	.008529
%RSD	2471.350	269.4023	96.52284
#1	-.003434	.0003421	.000362
#2	.004270	-.000255	-.010388
#3	-.000365	.000278	-.016483

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1835.036	22644.33	1153.823	1556.852	2414.496
Stddev	7.955	16.33	13.666	3.406	10.870
%RSD	.4334957	.0721049	1.184410	.2187517	.4502112
#1	1838.303	22634.83	1168.664	1559.614	2419.597
#2	1825.968	22663.18	1141.759	1553.047	2402.013
#3	1840.837	22634.97	1151.044	1557.896	2421.877

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: PB165466BS Acquired: 12/17/2024 18:33:24 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: LCS466 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0225166	.0540225	.0171891	.0550081	.1004371	.4072632
Stddev	.0062651	.0017489	.0008009	.0033779	.0050759	.0103834
%RSD	27.82438	3.237363	4.659265	6.140828	5.053773	2.549555
#1	.0216158	.0521630	.0163172	.0520410	.1012616	.4185564
#2	.0167506	.0556344	.0173580	.0542988	.0949994	.4051040
#3	.0291833	.0542701	.0178920	.0586843	.1050502	.3981291

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4010226	.0104599	.0098431	10.05235	.0213261	.1040157
Stddev	.0019667	.0000419	.0003319	.03855	.0004036	.0036428
%RSD	.4904176	.4004549	3.372294	.3834565	1.892585	3.502154
#1	.3987517	.0104285	.0095190	10.00812	.0215428	.1018573
#2	.4021594	.0105075	.0098279	10.07014	.0208604	.1019683
#3	.4021567	.0104438	.0101824	10.07879	.0215750	.1082216

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0612027	.1643250	.0290769	10.19188	.0786064	.0195765
Stddev	.0030604	.0493430	.0004185	.17355	.0021023	.0006960
%RSD	5.000457	30.02767	1.439203	1.702829	2.674497	3.555081
#1	.0625890	.2212955	.0288135	10.38678	.0775607	.0194681
#2	.0633246	.1365518	.0295595	10.13479	.0772320	.0189411
#3	.0576944	.1351278	.0288578	10.05407	.0810266	.0203203

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.315340	.0982446	.1360853	8.855525	.0186569	F .0021228
Stddev	.403224	.0104370	.0305715	.343663	.0001649	.0018382
%RSD	4.328607	10.62347	22.46499	3.880779	.8840214	86.59145
#1	9.724994	.0861931	.1102876	8.849127	.0186972	.0001281
#2	8.918868	.1042270	.1281160	8.515104	.0184756	.0037486
#3	9.302157	.1043135	.1698523	9.202342	.0187980	.0024919

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: PB165466BS Acquired: 12/17/2024 18:33:24 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: LCS466 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0181492	.1794927	F .4970009	.0115516	.1889869	.2084154
Stddev	.0005639	.0065883	.0024309	.0008425	.0042912	.0015557
%RSD	3.106901	3.670504	.4891078	7.293617	2.270623	.7464371
#1	.0178626	.1770127	.4995453	.0122859	.1844364	.2066871
#2	.0177862	.1745043	.4967551	.0117370	.1929604	.2097038
#3	.0187988	.1869611	.4947022	.0106318	.1895639	.2088554

Elem	Li6707
Units	ppm
Avg	F .0173835
Stddev	.0010481
%RSD	6.029178
#1	.0185276
#2	.0164698
#3	.0171531

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1835.497	23009.58	1176.334	1582.626	2400.823
Stddev	46.633	280.46	1.949	17.347	65.257
%RSD	2.540646	1.218876	.1656426	1.096083	2.718126
#1	1856.065	22939.83	1177.223	1589.865	2431.739
#2	1868.311	23318.33	1174.100	1595.180	2444.877
#3	1782.116	22770.58	1177.680	1562.832	2325.853

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: PB165453BL Acquired: 12/17/2024 18:37:24 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: PBS453 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000035	.0019248	-.003130	-.001029	-.001710	.0378811	-.001779
Stddev	.0025302	.0031918	.001979	.004790	.002351	.0165284	.001891
%RSD	73030.13	165.8232	63.24009	465.6136	137.5190	43.63231	106.2922
#1	-.000669	-.001167	-.004227	-.005887	.000416	.0563855	-.001323
#2	.002802	.001733	-.004317	.003690	-.001310	.0326759	-.000158
#3	-.002123	.005208	-.000845	-.000889	-.004236	.0245819	-.003857

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000521	-.000075	.1867972	.0011113	.0001253	.0039094	.0198294
Stddev	.0001707	.000101	.0555527	.0007709	.0001816	.0071710	.0491423
%RSD	327.8101	134.2604	29.73956	69.37675	144.9170	183.4305	247.8253
#1	.0000268	-.000179	.2416704	.0016138	.0000008	.0121542	-.034235
#2	.0002340	.000022	.1881319	.0002236	.0000414	-.000877	.031938
#3	-.000105	-.000068	.1305891	.0014963	.0003337	.000451	.061786

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007843	-.143231	.0003236	.0000012	.6545238	-.002517	.0315956
Stddev	.0009793	.056520	.0006106	.0001036	.9546638	.008370	.0140065
%RSD	124.8554	39.46032	188.6823	8728.626	145.8562	332.5864	44.33055
#1	.0010879	-.135879	.0004066	-.000082	.3990309	.001900	.0352093
#2	-.000311	-.203068	.0008885	-.000031	1.710939	.002720	.0161363
#3	.001576	-.090748	-.000324	.000117	-.146398	-.012169	.0434411

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.686532	.0002455	-.000848	.0002075	.0120641	-.000388	-.000113
Stddev	.077680	.0000818	.003324	.0002560	.0017754	.000740	.002310
%RSD	11.31489	33.30483	392.2449	123.3737	14.71664	190.8418	2050.670
#1	-.768779	.0003310	-.001068	.0004056	.0104625	.000459	-.000781
#2	-.676403	.0002377	-.004056	-.000082	.0117564	-.000909	-.002014
#3	-.614412	.0001680	.002582	.000299	.0139732	-.000713	.002458

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: PB165453BL Acquired: 12/17/2024 18:37:24 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: PBS453 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	-.001207	-.000117	-.008191
Stddev	.003242	.000166	.007607
%RSD	268.5532	141.4690	92.86660
#1	-.002382	-.000192	-.011993
#2	-.003697	-.000232	-.013147
#3	.002458	.000073	.000567

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1875.281	22652.45	1179.591	1566.665	2466.664
Stddev	3.309	306.55	12.720	19.701	5.353
%RSD	.1764523	1.353283	1.078351	1.257535	.2170317
#1	1874.099	22453.33	1167.538	1555.787	2464.831
#2	1879.019	22498.56	1192.887	1554.800	2472.694
#3	1872.726	23005.46	1178.349	1589.407	2462.468

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: PB165453BS Acquired: 12/17/2024 18:41:27 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: LCS453 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0208023	.0516593	.0161752	.0554598	.0982254	.3986104
Stddev	.0006354	.0009234	.0029235	.0037026	.0039596	.0428391
%RSD	3.054258	1.787430	18.07382	6.676210	4.031176	10.74711
#1	.0200840	.0512276	.0143710	.0584209	.0936640	.3567889
#2	.0212906	.0510309	.0195482	.0566502	.1007786	.3966429
#3	.0210323	.0527195	.0146065	.0513085	.1002334	.4423993

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3977630	.0103014	.0093855	9.947050	.0206127	.1004078
Stddev	.0038412	.0002532	.0002046	.115498	.0004462	.0009011
%RSD	.9656902	2.457464	2.180101	1.161131	2.164560	.8974161
#1	.3953261	.0100233	.0096090	9.821894	.0211066	.1005068
#2	.3957720	.0103623	.0092074	9.969732	.0204930	.1012552
#3	.4021909	.0105185	.0093401	10.04952	.0202386	.0994613

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0587196	.2408060	.0335270	9.991071	.0761939	.0196438
Stddev	.0092413	.0525028	.0041620	.151204	.0013322	.0009367
%RSD	15.73798	21.80294	12.41375	1.513391	1.748367	4.768577
#1	.0537152	.2029193	.0301230	9.924774	.0766961	.0206842
#2	.0693838	.2187618	.0322910	9.884340	.0772021	.0188673
#3	.0530598	.3007371	.0381669	10.16410	.0746837	.0193800

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.09810	.1034808	.1329984	8.588496	.0180580	F -.000521
Stddev	.97502	.0164012	.0161417	.234911	.0006080	.000488
%RSD	9.655520	15.84949	12.13678	2.735186	3.366845	93.58627
#1	9.48143	.0930687	.1355473	8.339025	.0177035	-.000767
#2	11.22219	.0949868	.1477141	8.805462	.0177105	.000041
#3	9.59067	.1223868	.1157339	8.621000	.0187600	-.000838

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: PB165453BS Acquired: 12/17/2024 18:41:27 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: LCS453 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0173230	.1752619	F .4915329	.0132887	.1891676	.2035078
Stddev	.0008286	.0044321	.0052776	.0014746	.0038675	.0021861
%RSD	4.783487	2.528838	1.073709	11.09651	2.044504	1.074218
#1	.0180959	.1727609	.4855362	.0138610	.1852683	.2014627
#2	.0174250	.1803792	.4935916	.0143913	.1930025	.2032489
#3	.0164480	.1726456	.4954709	.0116137	.1892321	.2058119

Elem	Li6707
Units	ppm
Avg	.0220088
Stddev	.0024853
%RSD	11.29221
#1	.0200942
#2	.0248174
#3	.0211148

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1875.248	23006.22	1192.911	1594.782	2466.607
Stddev	15.509	26.84	14.307	1.610	24.392
%RSD	.8270612	.1166475	1.199313	.1009480	.9889091
#1	1870.512	23032.90	1208.384	1594.271	2453.336
#2	1862.658	22979.23	1190.187	1596.585	2451.726
#3	1892.573	23006.52	1180.163	1593.489	2494.757

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: P5057-01 Acquired: 12/17/2024 18:45:27 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHL03 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1054663	-.049904	.3483158	.0610983	.0253085	57.80137	.6872881
Stddev	.0021697	.006410	.0051876	.0038463	.0003742	.13109	.0007264
%RSD	2.057260	12.84560	1.489336	6.295235	1.478646	.2267896	.1056881
#1	.1032389	-.045998	.3437210	.0575289	.0252122	57.70235	.6867773
#2	.1055866	-.057302	.3472849	.0651718	.0257214	57.95003	.6881196
#3	.1075734	-.046412	.3539414	.0605941	.0249918	57.75173	.6869673

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0078133	.0045190	44.21823	.0895588	.1013029	.2023443	163.8609
Stddev	.0001040	.0002321	.19118	.0007560	.0017158	.0045596	.2752
%RSD	1.330498	5.135509	.4323480	.8441851	1.693706	2.253370	.1679341
#1	.0078594	.0043706	44.20021	.0890679	.0997048	.1972977	163.6169
#2	.0076942	.0044000	44.41778	.0891792	.1010878	.2061672	164.1592
#3	.0078862	.0047865	44.03670	.0904295	.1031161	.2035679	163.8066

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.329111	22.21146	.1374778	.0032907	1.690363	.1628026	.6601694
Stddev	.027157	.12678	.0016914	.0012017	.036106	.0130838	.0144901
%RSD	.3260442	.5707655	1.230299	36.51748	2.135993	8.036599	2.194899
#1	8.338501	22.31690	.1361739	.0026458	1.682994	.1648501	.6746614
#2	8.350327	22.24668	.1368705	.0046771	1.729585	.1488159	.6456813
#3	8.298506	22.07080	.1393890	.0025491	1.658510	.1747420	.6601653

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.773278	7.204923	-.006383	.0025059	2.344873	7.840950	.0729319
Stddev	.160395	.103082	.002805	.0001593	.030812	.052421	.0005159
%RSD	9.045119	1.430712	43.93998	6.357637	1.314000	.6685558	.7073343
#1	1.936823	7.137354	-.008469	.0026407	2.325887	7.864797	.0730832
#2	1.616230	7.153845	-.007487	.0023301	2.328308	7.877209	.0723573
#3	1.766783	7.323570	-.003195	.0025468	2.380424	7.780845	.0733552

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: P5057-01 Acquired: 12/17/2024 18:45:27 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHL03 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.5937290	-.071507	.0557544
Stddev	.0063040	.000367	.0069758
%RSD	1.061769	.5131119	12.51159
#1	.6008235	-.071119	.0480596
#2	.5915933	-.071553	.0575391
#3	.5887703	-.071849	.0616644

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2423.317	30039.15	1556.774	2076.314	2391.932
Stddev	22.731	32.96	12.346	5.437	27.266
%RSD	.9379988	.1097127	.7930378	.2618573	1.139899
#1	2428.260	30076.29	1550.925	2079.090	2403.971
#2	2443.170	30013.39	1548.439	2079.802	2411.106
#3	2398.522	30027.77	1570.957	2070.049	2360.719

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: P5057-02 Acquired: 12/17/2024 18:49:20 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHL04 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1679281	-.053462	.4045309	.0722232	.0319702	64.05016	1.079035
Stddev	.0048786	.002158	.0025980	.0018661	.0032924	.52687	.008691
%RSD	2.905158	4.035690	.6422181	2.583757	10.29833	.8225874	.8054811
#1	.1735483	-.052003	.4049062	.0700725	.0299219	64.01427	1.079486
#2	.1654496	-.052442	.4017658	.0731837	.0357680	63.54215	1.070127
#3	.1647863	-.055940	.4069209	.0734133	.0302207	64.59406	1.087492

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0097750	.0045154	162.1433	.1042804	.1490619	.2999284	215.9844
Stddev	.0002001	.0001819	1.0625	.0007756	.0009613	.0122202	2.3673
%RSD	2.046608	4.029163	.6552897	.7437798	.6449167	4.074363	1.096040
#1	.0097397	.0047026	162.1262	.1043215	.1485148	.3005066	216.0457
#2	.0095949	.0043392	161.0894	.1034851	.1484990	.2874293	213.5870
#3	.0099903	.0045044	163.2142	.1050347	.1501719	.3118492	218.3204

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.950848	50.98726	.1844217	.0059092	.9566789	.1887470	.7223171
Stddev	.108772	.18110	.0003864	.0006289	.6586040	.0061873	.0154539
%RSD	1.093088	.3551851	.2095118	10.64195	68.84274	3.278089	2.139496
#1	9.938056	50.93115	.1840740	.0056150	.5027887	.1849459	.7399680
#2	9.849037	50.84087	.1843535	.0054814	.6551858	.1854086	.7157625
#3	10.06545	51.18978	.1848377	.0066312	1.712062	.1958865	.7112207

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.044525	5.370659	-.001307	.0013670	1.142280	7.787744	.0290620
Stddev	.238527	.027455	.003944	.0008600	.001902	.115372	.0006157
%RSD	5.897517	.5112070	301.7170	62.90725	.1665217	1.481452	2.118519
#1	3.995018	5.340429	.002660	.0004697	1.141924	7.721089	.0294649
#2	4.303920	5.377504	-.005228	.0014475	1.144335	7.721179	.0283533
#3	3.834636	5.394044	-.001354	.0021839	1.140582	7.920964	.0293678

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: P5057-02 Acquired: 12/17/2024 18:49:20 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHL04 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.4476795	-.043759	.0875544
Stddev	.0081191	.000615	.0014863
%RSD	1.813589	1.405326	1.697543
#1	.4490416	-.044452	.0862341
#2	.4389655	-.043281	.0891641
#3	.4550313	-.043543	.0872651

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2440.833	30115.34	1546.055	2077.729	2280.291
Stddev	1.276	73.94	20.862	8.241	3.894
%RSD	.0522800	.2455274	1.349393	.3966183	.1707472
#1	2439.792	30050.37	1558.071	2070.822	2284.513
#2	2442.256	30195.80	1558.129	2075.515	2279.521
#3	2440.450	30099.85	1521.965	2086.851	2276.841

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: P5057-03 Acquired: 12/17/2024 18:53:12 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHL05 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1318358	-.019370	.2910357	.0404420	.0227230	53.42991	.6821997
Stddev	.0051722	.003637	.0062247	.0028080	.0039615	.23287	.0012992
%RSD	3.923250	18.77802	2.138824	6.943308	17.43405	.4358449	.1904362
#1	.1296055	-.022763	.2855278	.0429687	.0272851	53.31048	.6828678
#2	.1281528	-.015530	.2897904	.0409385	.0207318	53.28097	.6807024
#3	.1377490	-.019819	.2977890	.0374189	.0201520	53.69826	.6830288

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0075477	.0037628	644.1560	.0918376	.1345746	.2784750	180.7391
Stddev	.0000974	.0001382	3.4646	.0007224	.0010415	.0111001	.6359
%RSD	1.291082	3.673945	.5378472	.7865868	.7738801	3.986019	.3518258
#1	.0075679	.0036785	642.3684	.0921665	.1340600	.2883774	180.2876
#2	.0074417	.0039223	641.9504	.0910093	.1338906	.2805714	180.4633
#3	.0076334	.0036875	648.1493	.0923370	.1357732	.2664763	181.4663

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.559882	35.87221	.1622281	.0026456	.6352954	.1715221	.7383470
Stddev	.021285	.00825	.0014501	.0016181	.5646664	.0084969	.0106238
%RSD	.2226541	.0230120	.8938464	61.16236	88.88250	4.953792	1.438861
#1	9.542718	35.86272	.1619548	.0041595	1.034485	.1630667	.7277062
#2	9.553229	35.87618	.1609342	.0009403	-.010768	.1800598	.7383811
#3	9.583699	35.87773	.1637954	.0028368	.882169	.1714398	.7489537

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.285637	5.898416	.0081529	.0005537	.7478042	6.691976	.0356295
Stddev	.034445	.049610	.0041684	.0002332	.0102727	.037269	.0010304
%RSD	.8037379	.8410703	51.12756	42.11141	1.373714	.5569219	2.892045
#1	4.320539	5.859891	.0055443	.0007991	.7360850	6.718575	.0360428
#2	4.251667	5.880965	.0059541	.0005269	.7520754	6.649379	.0363890
#3	4.284706	5.954394	.0129603	.0003351	.7552522	6.707974	.0344566

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: P5057-03 Acquired: 12/17/2024 18:53:12 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHL05 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.4649793	.3000698	.1110518
Stddev	.0027941	.0012243	.0027608
%RSD	.6009179	.4080011	2.486087
#1	.4645337	.2992686	.1130157
#2	.4679695	.2994618	.1078951
#3	.4624347	.3014791	.1122446

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2232.631	27378.36	1463.412	1888.324	2172.220
Stddev	5.926	149.94	4.613	13.002	8.398
%RSD	.2654430	.5476580	.3152009	.6885322	.3866181
#1	2230.938	27377.44	1459.926	1893.930	2177.029
#2	2239.220	27228.88	1468.642	1873.459	2177.108
#3	2227.735	27528.75	1461.668	1897.582	2162.523

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: P5057-04 Acquired: 12/17/2024 18:57:05 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHL06 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0831193	-.026687	.2699926	.0259675	.0187329	61.00663
Stddev	.0021463	.003627	.0047050	.0049917	.0009900	.52940
%RSD	2.582169	13.59017	1.742646	19.22289	5.284865	.8677702
#1	.0833049	-.022534	.2692324	.0208668	.0188998	61.25156
#2	.0808862	-.028293	.2657140	.0308425	.0176700	61.36921
#3	.0851667	-.029233	.2750314	.0261932	.0196288	60.39912

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5527118	.0075204	.0032126	F 815.5733	.1006038	.1284320
Stddev	.0035672	.0000836	.0001452	6.5760	.0011311	.0006355
%RSD	.6454073	1.111561	4.518393	.8063046	1.124320	.4948152
#1	.5557780	.0075982	.0030470	818.2683	.1011575	.1290877
#2	.5535607	.0075310	.0032734	820.3736	.0993025	.1283895
#3	.5487967	.0074320	.0033175	808.0779	.1013514	.1278188

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2568490	168.9878	5.594777	132.2382	.1623575	.0025044
Stddev	.0110956	1.2743	.042372	.9894	.0009428	.0014038
%RSD	4.319893	.7540796	.7573430	.7481998	.5806746	56.05188
#1	.2516882	169.6878	5.609775	132.0707	.1620950	.0010638
#2	.2695850	169.7586	5.627610	133.3006	.1615738	.0025812
#3	.2492738	167.5169	5.546946	131.3432	.1634037	.0038682

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.001453	.1623036	.6748547	4.248654	6.976489	.0087277
Stddev	1.090777	.0114595	.0035184	.179069	.037715	.0020801
%RSD	54.49926	7.060523	.5213595	4.214726	.5406049	23.83333
#1	.743356	.1700830	.6789101	4.205604	6.944726	.0063261
#2	2.682346	.1676837	.6726164	4.095035	6.966569	.0098996
#3	2.578659	.1491440	.6730375	4.445325	7.018173	.0099575

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: P5057-04 Acquired: 12/17/2024 18:57:05 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHL06 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000377	1.197546	7.674985	.0341029	.5299478	.5070238
Stddev	.000537	.010758	.070426	.0026323	.0038298	.0026733
%RSD	142.3451	.8983345	.9176004	7.718614	.7226796	.5272595
#1	-.000597	1.199024	7.674353	.0350650	.5342432	.5087484
#2	-.000769	1.186126	7.745725	.0361188	.5287106	.5083788
#3	.000235	1.207489	7.604878	.0311249	.5268894	.5039443

Elem	Li6707
Units	ppm
Avg	.1276956
Stddev	.0039017
%RSD	3.055498
#1	.1315947
#2	.1277010
#3	.1237912

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2190.751	26938.60	1468.714	1857.372	2087.167
Stddev	8.236	178.29	6.847	9.624	7.436
%RSD	.3759428	.6618250	.4661772	.5181517	.3562488
#1	2183.340	26904.06	1465.410	1851.988	2083.338
#2	2199.618	27131.64	1464.146	1868.483	2095.736
#3	2189.297	26780.12	1476.586	1851.645	2082.426

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: P5057-05 Acquired: 12/17/2024 19:00:57 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHL07 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2128143	-.057741	2.535479	.0721031	.0330424	79.42047
Stddev	.0041791	.001934	.001499	.0042066	.0014030	.33668
%RSD	1.963710	3.349846	.0591143	5.834145	4.246058	.4239206
#1	.2155612	-.055883	2.535618	.0687457	.0336222	79.16475
#2	.2148768	-.059744	2.536904	.0707419	.0340626	79.80192
#3	.2080049	-.057596	2.533916	.0768217	.0314424	79.29474

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.638105	.0091096	.0092984	49.10420	.1769673	.1168424
Stddev	.009477	.0000729	.0000459	.13279	.0014927	.0008035
%RSD	.5785263	.7997950	.4940561	.2704196	.8434818	.6876757
#1	1.630646	.0091510	.0093320	48.98544	.1768921	.1163047
#2	1.648768	.0091523	.0092461	49.24757	.1784962	.1164565
#3	1.634899	.0090255	.0093173	49.07959	.1755137	.1177661

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5358241	175.0957	6.853025	17.79577	.1865814	.0062379
Stddev	.0075509	.8654	.028945	.08889	.0009838	.0004367
%RSD	1.409212	.4942176	.4223729	.4995005	.5272474	7.001349
#1	.5358028	174.1534	6.819603	17.72334	.1873457	.0066969
#2	.5282839	175.8548	6.869961	17.76900	.1854715	.0058275
#3	.5433857	175.2790	6.869511	17.89496	.1869270	.0061893

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8839208	.2062938	2.317066	11.30957	F 24.18848	-.011425
Stddev	.7505923	.0095648	.022174	.14034	.02379	.001251
%RSD	84.91624	4.636518	.9570074	1.240861	.0983421	10.94711
#1	.4374404	.2039269	2.295034	11.25240	24.16575	-.010081
#2	.4638258	.1981346	2.339381	11.20685	24.21320	-.012555
#3	1.750496	.2168199	2.316783	11.46947	24.18648	-.011640

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: P5057-05 Acquired: 12/17/2024 19:00:57 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHL07 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0077981	3.478248	8.772116	.2088516	.5223925	-.023389
Stddev	.0005657	.009249	.040688	.0019230	.0072827	.000501
%RSD	7.253843	.2659109	.4638331	.9207512	1.394101	2.140879
#1	.0082245	3.467657	8.775978	.2087365	.5171350	-.022826
#2	.0071564	3.482352	8.810735	.2069887	.5307051	-.023785
#3	.0080134	3.484735	8.729635	.2108295	.5193374	-.023557

Elem	Li6707
Units	ppm
Avg	.0820432
Stddev	.0021696
%RSD	2.644457
#1	.0844934
#2	.0812703
#3	.0803659

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2298.284	27896.00	1433.550	1934.091	2454.492
Stddev	5.899	159.39	3.573	17.319	5.924
%RSD	.2566584	.5713855	.2492371	.8954851	.2413641
#1	2304.070	28029.59	1434.619	1951.651	2460.933
#2	2298.504	27719.56	1429.565	1917.023	2453.266
#3	2292.279	27938.85	1436.467	1933.598	2449.277

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: P5057-06 Acquired: 12/17/2024 19:04:49 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHL08 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2661773	-.078413	3.043215	.0866500	.0398338	90.84955
Stddev	.0048068	.002629	.017550	.0043686	.0010969	.60891
%RSD	1.805873	3.353063	.5766890	5.041636	2.753730	.6702380
#1	.2688482	-.078733	3.046048	.0831469	.0391512	90.34269
#2	.2606282	-.075639	3.059176	.0915449	.0410991	91.52499
#3	.2690555	-.080868	3.024421	.0852581	.0392511	90.68098

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.797593	.0104518	.0106902	40.74322	.2203853	.1292187
Stddev	.013106	.0001004	.0000898	.40509	.0014854	.0005984
%RSD	.7290776	.9609906	.8397301	.9942631	.6739884	.4630582
#1	1.787367	.0103464	.0107398	40.43789	.2188567	.1295120
#2	1.812367	.0105464	.0107442	41.20277	.2218233	.1296138
#3	1.793046	.0104627	.0105866	40.58899	.2204757	.1285303

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8694165	207.2389	8.096175	19.35037	.2180587	.0071142
Stddev	.0066146	1.7066	.072880	.13041	.0017742	.0006102
%RSD	.7608052	.8235168	.9001744	.6739268	.8136433	8.577811
#1	.8621009	206.0019	8.039335	19.20297	.2196530	.0064307
#2	.8711732	209.1859	8.178338	19.45074	.2183757	.0076044
#3	.8749754	206.5288	8.070852	19.39741	.2161473	.0073075

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.156870	.2565996	2.418943	10.28313	F 21.70807	-.019244
Stddev	.284613	.0022852	.027879	.14261	.14885	.002395
%RSD	24.60196	.8905551	1.152516	1.386867	.6856854	12.44332
#1	1.476758	.2549329	2.415681	10.34374	21.78145	-.018714
#2	1.062179	.2556615	2.448310	10.38542	21.80599	-.021859
#3	.931673	.2592046	2.392839	10.12022	21.53678	-.017159

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: P5057-06 Acquired: 12/17/2024 19:04:49 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHL08 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0079790	2.592871	8.961576	.2379195	.6420726	-.054161
Stddev	.0002148	.006906	.067420	.0011032	.0036455	.000540
%RSD	2.691967	.2663370	.7523232	.4636770	.5677773	.9961224
#1	.0077674	2.596024	8.903490	.2379093	.6385810	-.054361
#2	.0081968	2.597637	9.035507	.2390277	.6458547	-.054573
#3	.0079727	2.584951	8.945731	.2368214	.6417821	-.053551

Elem	Li6707
Units	ppm
Avg	.0967144
Stddev	.0016522
%RSD	1.708374
#1	.0951517
#2	.0965480
#3	.0984436

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2292.639	27885.03	1431.869	1930.436	2439.690
Stddev	12.569	108.87	15.095	10.159	13.706
%RSD	.5482345	.3904170	1.054189	.5262659	.5618031
#1	2294.551	28008.80	1447.075	1940.609	2437.134
#2	2279.223	27804.11	1416.889	1920.290	2427.442
#3	2304.142	27842.18	1431.642	1930.408	2454.494

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: P5057-07 Acquired: 12/17/2024 19:08:41 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHL09 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2471510	-.068648	2.259492	.0840314	.0342885	84.93002
Stddev	.0076804	.002639	.066761	.0055537	.0017760	.25290
%RSD	3.107574	3.844825	2.954672	6.609122	5.179564	.2977775
#1	.2528162	-.065972	2.294953	.0777826	.0343680	85.21482
#2	.2502275	-.068722	2.182484	.0859074	.0360234	84.84351
#3	.2384092	-.071249	2.301039	.0884041	.0324741	84.73172

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.474594	.0095223	.0080349	26.29339	.1655377	.1088243
Stddev	.002400	.0001460	.0003046	.17235	.0007333	.0036703
%RSD	.1627901	1.532753	3.790402	.6554773	.4429625	3.372701
#1	1.477341	.0096796	.0081635	26.48412	.1662902	.1095520
#2	1.473540	.0094961	.0076871	26.14883	.1654977	.1048446
#3	1.472901	.0093913	.0082540	26.24720	.1648253	.1120762

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4633106	184.9469	7.575128	17.18581	.1667567	.0056027
Stddev	.0083462	.5573	.023539	.10279	.0051936	.0005465
%RSD	1.801415	.3013376	.3107434	.5980861	3.114498	9.753485
#1	.4586295	185.4052	7.593921	17.18063	.1693402	.0050446
#2	.4583558	185.1089	7.582737	17.08571	.1607780	.0061368
#3	.4729466	184.3265	7.548725	17.29108	.1701520	.0056268

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1051782	.2221647	1.644079	5.735081	F 11.66891	-.020623
Stddev	.8453115	.0068477	.014210	.140722	.35836	.003309
%RSD	803.6946	3.082254	.8643367	2.453699	3.071092	16.04437
#1	-.692914	.2300691	1.636879	5.897556	11.85710	-.024158
#2	.990885	.2183912	1.634909	5.655829	11.25565	-.020109
#3	.017564	.2180339	1.660448	5.651857	11.89396	-.017600

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: P5057-07 Acquired: 12/17/2024 19:08:41 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHL09 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0068642	1.409314	8.744324	.1616956	.7397508	-.065155
Stddev	.0006214	.039701	.060228	.0052233	.0023821	.000502
%RSD	9.052677	2.817072	.6887692	3.230353	.3220148	.7697842
#1	.0075436	1.430314	8.809344	.1634037	.7370012	-.065673
#2	.0063248	1.363523	8.733186	.1558321	.7410616	-.065120
#3	.0067241	1.434104	8.690442	.1658511	.7411897	-.064671

Elem	Li6707
Units	ppm
Avg	.0854834
Stddev	.0042010
%RSD	4.914384
#1	.0816532
#2	.0899763
#3	.0848205

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2265.782	27399.70	1394.399	1892.842	2494.771
Stddev	55.663	40.94	7.225	5.460	72.144
%RSD	2.456670	.1494090	.5181164	.2884724	2.891804
#1	2248.707	27355.85	1386.087	1887.845	2466.114
#2	2327.982	27436.91	1397.934	1898.670	2576.840
#3	2220.657	27406.33	1399.175	1892.011	2441.358

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: P5057-08 Acquired: 12/17/2024 19:12:34 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHL09D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2421876	-.062480	2.270913	.0736411	.0346888	84.52210
Stddev	.0034707	.002587	.002592	.0009619	.0020081	.73372
%RSD	1.433068	4.141138	.1141258	1.306235	5.788833	.8680804
#1	.2430683	-.065383	2.273841	.0747117	.0355815	85.31720
#2	.2383613	-.060418	2.269984	.0728496	.0323892	83.87115
#3	.2451331	-.061640	2.268914	.0733618	.0360958	84.37796

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.461841	.0094190	.0080698	25.98435	.1661829	.1097627
Stddev	.011938	.0001876	.0001111	.23654	.0008169	.0006672
%RSD	.8166454	1.991435	1.377205	.9103279	.4915342	.6078206
#1	1.475588	.0096187	.0079775	26.25652	.1655392	.1103314
#2	1.454081	.0093918	.0080388	25.86814	.1671018	.1090283
#3	1.455855	.0092465	.0081931	25.82839	.1659076	.1099285

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4627849	183.9907	7.504762	17.14746	.1678264	.0055499
Stddev	.0088641	1.5541	.063807	.11177	.0009048	.0010133
%RSD	1.915378	.8446854	.8502197	.6518088	.5391284	18.25780
#1	.4563978	185.7120	7.578167	17.26654	.1668599	.0066932
#2	.4590519	182.6906	7.462580	17.04483	.1679660	.0047630
#3	.4729048	183.5696	7.473537	17.13100	.1686532	.0051933

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.241760	.2129511	1.656194	5.832742	F 11.74672	-.014043
Stddev	.399958	.0127964	.016591	.163643	.02830	.004069
%RSD	32.20898	6.009056	1.001770	2.805596	.2409590	28.97257
#1	.818106	.2206440	1.645275	6.021284	11.77589	-.018020
#2	1.294357	.1981794	1.675286	5.727606	11.71937	-.014219
#3	1.612818	.2200300	1.648020	5.749337	11.74489	-.009889

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: P5057-08 Acquired: 12/17/2024 19:12:34 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHL09D Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0064994	1.411858	8.599975	.1607972	.7350591	-.064938
Stddev	.0001587	.003259	.071066	.0020984	.0072852	.000773
%RSD	2.440978	.2308326	.8263546	1.305024	.9911082	1.189704
#1	.0063923	1.414969	8.682002	.1623285	.7429552	-.065761
#2	.0064242	1.412135	8.556934	.1616578	.7285983	-.064825
#3	.0066816	1.408469	8.560988	.1584053	.7336239	-.064229

Elem	Li6707
Units	ppm
Avg	.0847983
Stddev	.0057178
%RSD	6.742871
#1	.0911814
#2	.0830683
#3	.0801453

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2259.477	27372.51	1414.329	1892.370	2477.106
Stddev	7.424	39.15	14.477	3.504	10.219
%RSD	.3285603	.1430378	1.023565	.1851660	.4125321
#1	2251.463	27327.44	1397.863	1890.670	2466.500
#2	2260.850	27398.10	1425.057	1890.041	2477.929
#3	2266.119	27391.99	1420.067	1896.400	2486.888

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: P5057-07LX5 Acquired: 12/17/2024 19:16:27 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHL09L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0523205	-.016237	.4803151	.0174044	.0051468	19.58627	.3409568
Stddev	.0018673	.002206	.0039459	.0031453	.0025473	.08241	.0009009
%RSD	3.568883	13.58632	.8215309	18.07214	49.49323	.4207490	.2642345
#1	.0506784	-.017346	.4758500	.0169875	.0027024	19.67965	.3404455
#2	.0543516	-.017668	.4833335	.0144883	.0077859	19.55545	.3404279
#3	.0519313	-.013696	.4817617	.0207374	.0049520	19.52372	.3419971

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0023134	.0015711	6.120436	.0395594	.0243639	.1092055	43.00650
Stddev	.0001640	.0000971	.021802	.0006390	.0002943	.0018722	.20416
%RSD	7.087541	6.180472	.3562082	1.615337	1.208109	1.714376	.4747074
#1	.0025022	.0016832	6.095360	.0402616	.0241040	.1075620	43.17258
#2	.0022069	.0015141	6.131051	.0394049	.0246836	.1088110	43.06834
#3	.0022310	.0015160	6.134897	.0390119	.0243042	.1112435	42.77857

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.770341	3.991985	.0349073	.0010620	.5715254	.0540819	.3902469
Stddev	.004899	.039062	.0007625	.0006727	.4961802	.0055523	.0234397
%RSD	.2767110	.9785072	2.184403	63.33819	86.81682	10.26641	6.006366
#1	1.768663	4.033056	.0357722	.0011533	.0172942	.0580822	.4118609
#2	1.775858	3.955303	.0343318	.0003484	.9744012	.0477428	.3935481
#3	1.766502	3.987598	.0346181	.0016844	.7228808	.0564205	.3653316

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6913416	2.499945	-.004801	.0012265	.3030440	2.072286	.0329106
Stddev	.0618091	.020773	.001898	.0001886	.0036867	.007085	.0009372
%RSD	8.940464	.8309306	39.53746	15.38094	1.216554	.3418830	2.847610
#1	.6382367	2.476387	-.003177	.0011467	.3063955	2.080153	.0322626
#2	.7591890	2.515632	-.006888	.0010908	.3036414	2.066410	.0339852
#3	.6765990	2.507816	-.004338	.0014419	.2990950	2.070294	.0324841

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: P5057-07LX5 Acquired: 12/17/2024 19:16:27 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHL09L Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.1650761	-.015195	.0046692
Stddev	.0005999	.000377	.0039844
%RSD	.3634180	2.480897	85.33345
#1	.1652918	-.015569	.0028063
#2	.1655384	-.015199	.0019575
#3	.1643982	-.014816	.0092439

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1955.757	23909.07	1227.595	1658.739	2457.029
Stddev	10.508	46.95	2.047	6.234	13.800
%RSD	.5372841	.1963663	.1667173	.3758211	.5616403
#1	1966.940	23867.02	1225.811	1651.952	2471.394
#2	1946.088	23900.46	1227.145	1660.058	2443.874
#3	1954.244	23959.73	1229.829	1664.209	2455.819

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: P5057-09 Acquired: 12/17/2024 19:20:25 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHL09S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3381775	.0257447	2.393158	.2278749	.1766142	87.51436
Stddev	.0027186	.0070960	.009498	.0018477	.0014188	.35183
%RSD	.8038881	27.56306	.3968722	.8108441	.8033471	.4020275
#1	.3377791	.0239324	2.395771	.2299683	.1768626	87.40008
#2	.3356802	.0335712	2.382627	.2264717	.1750876	87.23388
#3	.3410733	.0197306	2.401076	.2271846	.1778925	87.90913

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.941768	.0967960	.1070213	26.16247	.5371987	1.100508
Stddev	.024621	.0005335	.0003123	.19952	.0016697	.003238
%RSD	.4982269	.5511698	.2917799	.7626045	.3108144	.2942578
#1	4.937600	.0970021	.1072294	26.08722	.5368269	1.101237
#2	4.919497	.0961902	.1066622	26.01152	.5357462	1.096967
#3	4.968207	.0971958	.1071722	26.38867	.5390229	1.103320

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8841282	185.9075	8.408444	17.14110	1.185922	.0734455
Stddev	.0049058	1.4412	.044934	.16924	.003089	.0006234
%RSD	.5548728	.7752431	.5343923	.9873064	.2605128	.8487698
#1	.8800632	185.3717	8.378886	17.09450	1.186889	.0729321
#2	.8827442	184.8110	8.386293	17.00005	1.182465	.0732653
#3	.8895774	187.5399	8.460153	17.32875	1.188412	.0741392

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.113047	1.091046	2.441767	5.845329	F 12.17355	-.022568
Stddev	.463213	.010127	.056858	.079785	.02983	.003161
%RSD	41.61668	.9281552	2.328555	1.364937	.2449992	14.00736
#1	.689769	1.091309	2.472645	5.754997	12.18583	-.025071
#2	1.041500	1.080791	2.376151	5.874819	12.13954	-.023617
#3	1.607870	1.101039	2.476505	5.906171	12.19527	-.019015

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: P5057-09 Acquired: 12/17/2024 19:20:25 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHL09S Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0071664	1.471170	8.818032	.1667925	.7403349	-.066396
Stddev	.0005078	.007960	.039264	.0012542	.0134030	.000836
%RSD	7.086318	.5410574	.4452698	.7519530	1.810403	1.259116
#1	.0065818	1.477751	8.797316	.1671089	.7357613	-.066475
#2	.0074183	1.462323	8.793464	.1654103	.7298173	-.065523
#3	.0074989	1.473437	8.863315	.1678581	.7554261	-.067190

Elem	Li6707
Units	ppm
Avg	.0798895
Stddev	.0046392
%RSD	5.806998
#1	.0852023
#2	.0766397
#3	.0778264

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2230.904	27385.71	1404.113	1906.557	2439.016
Stddev	2.487	83.83	2.138	7.756	4.633
%RSD	.1114888	.3061186	.1522993	.4068083	.1899655
#1	2230.288	27289.51	1405.061	1901.017	2435.203
#2	2228.782	27443.18	1405.613	1915.421	2444.173
#3	2233.641	27424.42	1401.664	1903.232	2437.671

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: CCV050 Acquired: 12/17/2024 19:24:15 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: CCV050 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.951128	4.854511	24.48157	4.850271	4.805905	386.6282	9.836083
Stddev	.024993	.044950	.13827	.025460	.038472	4.3051	.112882
%RSD	.5047901	.9259349	.5647852	.5249154	.8005077	1.113504	1.147634
#1	4.935237	4.804110	24.33792	4.828544	4.769041	391.0936	9.959530
#2	4.938211	4.868975	24.49304	4.843983	4.802870	386.2873	9.810594
#3	4.979936	4.890448	24.61375	4.878286	4.845804	382.5036	9.738124

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5027359	2.503728	393.9810	15.30240	2.487686	14.50776	395.0365
Stddev	.0037311	.015412	4.8630	.09783	.014990	.16160	4.6455
%RSD	.7421500	.6155521	1.234313	.6393274	.6025520	1.113890	1.175969
#1	.5052922	2.487328	398.7128	15.29647	2.471616	14.69390	399.9886
#2	.5044610	2.505945	394.2335	15.20767	2.490153	14.42600	394.3460
#3	.4984544	2.517912	388.9967	15.40306	2.501289	14.40338	390.7748

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.76818	390.0794	2.486297	1.277839	384.5591	2.494900	16.29287
Stddev	.19002	4.7122	.014158	.007347	4.4131	.021326	.25195
%RSD	1.286670	1.208000	.5694578	.5749447	1.147570	.8547645	1.546381
#1	14.97262	395.1746	2.471844	1.276493	389.5812	2.513211	16.27328
#2	14.73496	389.1852	2.486906	1.271257	382.7958	2.500004	16.05129
#3	14.59696	385.8783	2.500141	1.285765	381.3003	2.471486	16.55404

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	148.6042	4.923801	4.698964	4.673382	4.931705	4.799806	4.956573
Stddev	1.5930	.037171	.061513	.033509	.039928	.044232	.030765
%RSD	1.071950	.7549329	1.309073	.7170144	.8096161	.9215375	.6206892
#1	150.3595	4.887253	4.743973	4.639122	4.887159	4.828418	4.923823
#2	148.2028	4.922584	4.724045	4.674939	4.943684	4.822139	4.961031
#3	147.2503	4.961566	4.628872	4.706086	4.964272	4.748860	4.984866

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: CCV050 Acquired: 12/17/2024 19:24:15 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: CCV050 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	4.858797	4.636383	4.860120
Stddev	.054324	.059008	.045699
%RSD	1.118052	1.272726	.9402902
#1	4.920117	4.702182	4.911257
#2	4.839581	4.618810	4.845828
#3	4.816692	4.588157	4.823274

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1528.596	20601.39	1150.976	1338.920	1975.288
Stddev	8.314	163.19	9.204	15.121	8.922
%RSD	.5439021	.7921376	.7997039	1.129380	.4516706
#1	1538.170	20629.73	1143.941	1344.123	1985.590
#2	1523.193	20748.55	1147.593	1350.753	1970.133
#3	1524.425	20425.88	1161.393	1321.884	1970.141

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: CCB050 Acquired: 12/17/2024 19:27:53 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: CCB050 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001647	.0051290	.0005669	-.001878	-.002150	.0107619	-.002556
Stddev	.003360	.0015696	.0019350	.007301	.002418	.0241950	.000297
%RSD	203.9555	30.60290	341.3077	388.8649	112.4275	224.8207	11.60609
#1	.002226	.0033176	.0016060	.006051	-.004926	-.003748	-.002782
#2	-.003776	.0060883	.0017603	-.008325	-.000501	.038693	-.002220
#3	-.003392	.0059811	-.001666	-.003359	-.001025	-.002659	-.002666

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000024	-.000003	-.080378	.0006789	-.000033	.0081684	-.017887
Stddev	.000089	.000081	.039255	.0013564	.000272	.0143169	.028494
%RSD	375.6429	2472.353	48.83818	199.7881	826.9435	175.2721	159.2983
#1	.000076	.000053	-.091521	.0011158	-.000346	.0139220	.011391
#2	-.000055	-.000097	-.036756	-.000842	.000136	-.008130	-.019526
#3	-.000093	.000034	-.112856	.001763	.000111	.018713	-.045526

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002297	.0169715	.0005165	.0008908	.1962557	-.000866	.0285437
Stddev	.001924	.0419531	.0005284	.0009953	.3484316	.011951	.0059178
%RSD	83.74272	247.1981	102.3057	111.7341	177.5396	1379.398	20.73232
#1	-.003599	.0541517	.0008920	-.000232	-.200781	-.001378	.0301607
#2	-.003205	.0252753	.0007453	.001666	.451132	.011332	.0219855
#3	-.000088	-.028513	-.000088	.001239	.338415	-.012553	.0334849

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.368982	.0012739	.0119494	-.000438	.0031459	.0005622	.0014362
Stddev	.027579	.0021659	.0012890	.000309	.0050655	.0006032	.0012701
%RSD	7.474253	170.0193	10.78743	70.58189	161.0188	107.2873	88.43473
#1	-.385936	.0004442	.0106592	-.000084	.0011687	.0005738	.0028993
#2	-.337159	.0037321	.0132373	-.000574	-.000633	.0011595	.0007916
#3	-.383850	-.000354	.0119517	-.000655	.008902	-.000047	.0006176

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: CCB050 Acquired: 12/17/2024 19:27:53 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: CCB050 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	-.001153	.0001967	-.002808
Stddev	.008047	.0001201	.005852
%RSD	698.0852	61.08254	208.3849
#1	-.009677	.0001213	.001734
#2	-.000093	.0003352	-.000747
#3	.006312	.0001335	-.009413

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1849.659	22809.48	1154.242	1576.403	2443.483
Stddev	1.454	101.52	1.282	13.570	3.431
%RSD	.0786260	.4450878	.1110270	.8608223	.1404304
#1	1849.917	22879.28	1155.324	1573.244	2446.244
#2	1848.094	22693.01	1154.574	1564.691	2439.641
#3	1850.968	22856.14	1152.827	1591.274	2444.564

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: P5057-10 Acquired: 12/17/2024 19:31:56 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHL10 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1826376	-.078131	1.246286	.0858508	.0372400	87.74676	1.057337
Stddev	.0015288	.001598	.010634	.0040228	.0017895	.53540	.007632
%RSD	.8370647	2.045313	.8532454	4.685746	4.805251	.6101667	.7218509
#1	.1821136	-.077401	1.235765	.0818104	.0351766	87.22890	1.051157
#2	.1814397	-.079964	1.246065	.0898556	.0383661	88.29813	1.065868
#3	.1843595	-.077029	1.257029	.0858865	.0381774	87.71324	1.054985

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0106266	.0062778	23.03574	.1170173	.1313932	.2854579	208.5782
Stddev	.0001492	.0002169	.16807	.0003496	.0004003	.0087915	1.4147
%RSD	1.404256	3.455086	.7296186	.2987318	.3046498	3.079795	.6782820
#1	.0106738	.0060770	22.84519	.1173953	.1311727	.2916169	207.0409
#2	.0107465	.0062484	23.16292	.1167056	.1311518	.2753898	209.8254
#3	.0104595	.0065078	23.09909	.1169510	.1318553	.2893670	208.8684

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.253467	23.26045	.1587489	.0031764	1.129881	.2067179	.8591732
Stddev	.069260	.11582	.0018124	.0013949	.403490	.0025177	.0052333
%RSD	.7484800	.4979465	1.141691	43.91545	35.71086	1.217914	.6091100
#1	9.178561	23.12799	.1589517	.0026730	1.105187	.2096242	.8552609
#2	9.315185	23.34266	.1568436	.0047532	.739305	.2052017	.8651178
#3	9.266656	23.31071	.1604514	.0021031	1.545150	.2053280	.8571408

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.929164	8.370963	-.025037	.0057618	.9477539	8.955857	.1161593
Stddev	.025869	.052138	.001556	.0004368	.0072311	.019562	.0004154
%RSD	.5248121	.6228410	6.213269	7.581674	.7629753	.2184216	.3576161
#1	4.910995	8.331903	-.024517	.0052668	.9424693	8.935726	.1163462
#2	4.958782	8.350817	-.023808	.0060932	.9447975	8.957052	.1156833
#3	4.917715	8.430167	-.026786	.0059255	.9559947	8.974794	.1164485

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: P5057-10 Acquired: 12/17/2024 19:31:56 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHL10 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	1.283002	-.116242	.0835021
Stddev	.009401	.000364	.0061617
%RSD	.7327308	.3134961	7.379077
#1	1.272397	-.115877	.0766831
#2	1.290313	-.116606	.0886700
#3	1.286295	-.116242	.0851533

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2435.238	29819.10	1519.239	2059.709	2398.523
Stddev	5.280	69.23	8.896	2.308	6.803
%RSD	.2168050	.2321671	.5855509	.1120697	.2836269
#1	2440.052	29778.60	1529.059	2057.045	2403.219
#2	2436.071	29779.67	1511.720	2061.106	2401.628
#3	2429.592	29899.04	1516.937	2060.976	2390.722

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: P5057-11 Acquired: 12/17/2024 19:35:49 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHL11 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1915614	-.060321	.8097561	.0839518	.0338228	76.33906	1.150357
Stddev	.0046333	.004180	.0080295	.0042784	.0007520	.37654	.004387
%RSD	2.418687	6.929750	.9916001	5.096284	2.223490	.4932445	.3813747
#1	.1865749	-.062394	.8130781	.0882261	.0331767	76.77213	1.155349
#2	.1923759	-.063061	.8005986	.0839602	.0336434	76.08903	1.147114
#3	.1957334	-.055510	.8155915	.0796692	.0346484	76.15603	1.148607

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0095015	.0088538	22.14489	.1128629	.1452314	.2747129	190.4970
Stddev	.0000837	.0001544	.09583	.0010532	.0022374	.0033317	.6991
%RSD	.8804118	1.744471	.4327511	.9331296	1.540607	1.212777	.3669677
#1	.0095793	.0088227	22.24083	.1132250	.1472057	.2743764	191.3013
#2	.0094130	.0087172	22.04917	.1116764	.1428011	.2782000	190.0355
#3	.0095121	.0090214	22.14467	.1136872	.1456873	.2715623	190.1542

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.30904	19.09037	.2151960	.0039613	1.119590	.1694128	.6511822
Stddev	.04294	.09095	.0020402	.0007350	1.031022	.0030129	.0103093
%RSD	.3797336	.4764221	.9480698	18.55393	92.08926	1.778469	1.583160
#1	11.35860	19.07864	.2161694	.0047197	2.181495	.1664803	.6396162
#2	11.28582	19.00586	.2128514	.0039118	1.054762	.1725002	.6545258
#3	11.28271	19.18662	.2165673	.0032523	.122511	.1692577	.6594046

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.350852	7.086106	-.020147	.0043232	1.157627	7.711137	.0822510
Stddev	.111540	.075860	.002356	.0003731	.013535	.023045	.0015208
%RSD	2.563633	1.070542	11.69231	8.631366	1.169232	.2988492	1.849029
#1	4.374091	7.127030	-.020882	.0047524	1.159430	7.731005	.0810334
#2	4.448942	6.998572	-.022048	.0040761	1.143281	7.716534	.0817638
#3	4.229524	7.132715	-.017512	.0041410	1.170171	7.685873	.0839557

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: P5057-11 Acquired: 12/17/2024 19:35:49 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHL11 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.4594968	-.096514	.0778286
Stddev	.0027671	.000454	.0010435
%RSD	.6021948	.4709164	1.340766
#1	.4623850	-.097024	.0786839
#2	.4592362	-.096362	.0766660
#3	.4568693	-.096154	.0781360

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2954.367	36100.33	1840.343	2507.685	2411.761
Stddev	17.741	121.34	3.217	11.700	24.936
%RSD	.6005009	.3361187	.1747967	.4665469	1.033935
#1	2938.367	36108.56	1837.294	2517.905	2395.683
#2	2973.446	36217.35	1840.031	2510.227	2440.486
#3	2951.287	35975.09	1843.705	2494.924	2399.114

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: P5057-12 Acquired: 12/17/2024 19:39:40 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHL12 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1168990	-.072977	.3917732	.0797398	.0336633	83.27623	.8939770
Stddev	.0052781	.008448	.0030407	.0038035	.0006938	.35540	.0036811
%RSD	4.515125	11.57618	.7761278	4.769924	2.060889	.4267776	.4117728
#1	.1163840	-.075738	.3902804	.0833096	.0344527	83.51580	.8976547
#2	.1224158	-.079699	.3897675	.0757392	.0333866	83.44500	.8939839
#3	.1118973	-.063494	.3952718	.0801706	.0331506	82.86788	.8902924

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0091169	.0048340	24.97642	.1240204	.1241776	.2988853	191.7176
Stddev	.0000878	.0001044	.20314	.0003924	.0004424	.0115700	.6533
%RSD	.9630139	2.158970	.8133205	.3164117	.3562909	3.871033	.3407754
#1	.0090782	.0049408	25.10080	.1244210	.1242961	.3121763	192.3983
#2	.0092174	.0048290	25.08645	.1236367	.1236879	.2934127	191.6588
#3	.0090551	.0047323	24.74200	.1240036	.1245486	.2910669	191.0957

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.750141	29.09810	.2222133	.0032567	1.089333	.1734581	.5597788
Stddev	.025147	.17603	.0006216	.0005423	.231069	.0073437	.0190593
%RSD	.3725407	.6049534	.2797189	16.65173	21.21197	4.233727	3.404790
#1	6.776895	29.30005	.2225824	.0035817	1.085344	.1762566	.5407729
#2	6.746539	29.01702	.2214956	.0026306	1.322371	.1651265	.5596725
#3	6.726990	28.97721	.2225618	.0035577	.860285	.1789911	.5788910

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.526397	7.998818	-.020566	.0019290	.9251941	8.091221	.0465230
Stddev	.060032	.036060	.002606	.0001585	.0037956	.026833	.0013621
%RSD	1.326274	.4508123	12.67171	8.218453	.4102468	.3316260	2.927902
#1	4.587245	7.973299	-.020093	.0018704	.9208116	8.098316	.0471618
#2	4.524732	7.983084	-.023375	.0021085	.9274263	8.113793	.0474483
#3	4.467215	8.040071	-.018228	.0018082	.9273444	8.061554	.0449588

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: P5057-12 Acquired: 12/17/2024 19:39:40 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHL12 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.6046947	-.092618	.1168200
Stddev	.0040618	.000108	.0011048
%RSD	.6717164	.1168293	.9456822
#1	.6010154	-.092676	.1155562
#2	.6090534	-.092685	.1173020
#3	.6040154	-.092493	.1176019

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2758.729	33663.65	1720.366	2341.003	2422.410
Stddev	7.380	271.18	4.600	14.575	5.025
%RSD	.2674974	.8055442	.2673866	.6225963	.2074323
#1	2750.317	33828.94	1722.191	2350.749	2419.979
#2	2761.761	33811.32	1715.134	2348.012	2428.188
#3	2764.110	33350.69	1723.774	2324.247	2419.063

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: P5057-13 Acquired: 12/17/2024 19:43:32 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHL13 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1238811	-.070264	.3762625	.0874379	.0365358	83.74076	.8220370
Stddev	.0029560	.002726	.0014995	.0044636	.0002068	.37666	.0065150
%RSD	2.386115	3.880263	.3985299	5.104916	.5659638	.4497967	.7925486
#1	.1248558	-.070319	.3775176	.0865259	.0365606	83.71818	.8210685
#2	.1205609	-.067510	.3766679	.0922871	.0367291	84.12820	.8289821
#3	.1262267	-.072962	.3746020	.0835008	.0363178	83.37589	.8160605

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0085480	.0043785	24.76989	.1303097	.1377542	.3951619	202.0886
Stddev	.0000943	.0002281	.16604	.0011186	.0010550	.0109596	1.4282
%RSD	1.102694	5.208497	.6703207	.8584198	.7658287	2.773441	.7067436
#1	.0086441	.0045863	24.72993	.1291420	.1386847	.4071376	201.2051
#2	.0085441	.0041345	24.95226	.1313717	.1366081	.3927165	203.7363
#3	.0084557	.0044147	24.62748	.1304154	.1379700	.3856316	201.3243

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.58450	34.34096	.2278179	.0040494	1.373991	.1806516	.6073839
Stddev	.07918	.30581	.0009759	.0004618	.740102	.0066197	.0046679
%RSD	.7481162	.8905133	.4283531	11.40422	53.86512	3.664362	.7685169
#1	10.55620	34.11935	.2288955	.0038571	2.031540	.1850988	.6052211
#2	10.67395	34.68985	.2269937	.0045763	.572488	.1838121	.6127408
#3	10.52335	34.21368	.2275646	.0037149	1.517945	.1730440	.6041897

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.998043	7.221185	-.021431	.0025605	.7391399	6.878279	.0563883
Stddev	.210487	.022349	.000760	.0004781	.0037046	.028813	.0011168
%RSD	4.211388	.3094942	3.546616	18.67366	.5012001	.4189037	1.980560
#1	5.075654	7.241110	-.021386	.0030905	.7377466	6.852374	.0551502
#2	5.158705	7.197020	-.020694	.0024296	.7433391	6.909312	.0573198
#3	4.759770	7.225425	-.022213	.0021615	.7363340	6.873151	.0566949

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: P5057-13 Acquired: 12/17/2024 19:43:32 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHL13 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	1.047197	-.100699	.1276078
Stddev	.010028	.000456	.0048524
%RSD	.9575975	.4525885	3.802608
#1	1.037415	-.100233	.1248332
#2	1.057454	-.101143	.1247794
#3	1.046722	-.100721	.1332108

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2531.615	31247.95	1602.494	2165.865	2397.354
Stddev	2.352	220.69	7.636	9.407	1.327
%RSD	.0929138	.7062594	.4765008	.4343112	.0553709
#1	2532.322	31487.95	1610.951	2175.469	2396.055
#2	2528.990	31053.76	1596.105	2156.669	2398.708
#3	2533.532	31202.15	1600.426	2165.457	2397.298

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: P5057-14 Acquired: 12/17/2024 19:47:25 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHL14 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1275961	-.056355	6.447294	.0649991	.0444794	62.46109
Stddev	.0032302	.000987	.036265	.0011330	.0007394	.29628
%RSD	2.531567	1.750538	.5624847	1.743079	1.662260	.4743401
#1	.1262652	-.055782	6.431005	.0652232	.0440281	62.71039
#2	.1252439	-.055788	6.488848	.0637709	.0440775	62.13354
#3	.1312791	-.057494	6.422030	.0660034	.0453327	62.53932

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.629613	.0078275	.0244369	43.33097	.2004414	.0942996
Stddev	.020737	.0000472	.0001539	.29952	.0043049	.0007250
%RSD	.4479239	.6025088	.6297397	.6912404	2.147729	.7687748
#1	4.645175	.0078485	.0244555	43.51159	.2054114	.0935875
#2	4.606071	.0078604	.0245807	42.98523	.1978753	.0950368
#3	4.637593	.0077734	.0242746	43.49609	.1980374	.0942744

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7966707	159.6262	4.786920	13.96117	.1750403	.0088842
Stddev	.0061835	.9246	.025951	.14659	.0009869	.0008726
%RSD	.7761714	.5792312	.5421183	1.050005	.5638039	9.821507
#1	.7897020	159.6490	4.804164	14.07528	.1756709	.0080548
#2	.8015018	158.6903	4.757075	13.79584	.1755470	.0088034
#3	.7988083	160.5391	4.799522	14.01240	.1739030	.0097943

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.019232	.2351054	5.120137	4.706870	F 16.62871	-.007170
Stddev	.337721	.0082182	.120794	.196500	.08139	.003828
%RSD	33.13484	3.495538	2.359188	4.174759	.4894319	53.38610
#1	1.326366	.2425660	5.257396	4.650718	16.59757	-.002765
#2	.657562	.2262964	5.072980	4.925335	16.72107	-.009687
#3	1.073770	.2364540	5.030035	4.544558	16.56749	-.009057

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: P5057-14 Acquired: 12/17/2024 19:47:25 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHL14 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0100408	4.473672	7.359656	.4370092	.7209832	.0532740
Stddev	.0004773	.029378	.069230	.0024484	.0048995	.0002539
%RSD	4.753218	.6566858	.9406632	.5602584	.6795622	.4764926
#1	.0098408	4.478525	7.321504	.4377670	.7222351	.0530504
#2	.0105856	4.500320	7.317897	.4389891	.7155792	.0535499
#3	.0096961	4.442169	7.439569	.4342715	.7251354	.0532217

Elem	Li6707
Units	ppm
Avg	.0740051
Stddev	.0016079
%RSD	2.172706
#1	.0755648
#2	.0740977
#3	.0723529

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2105.363	25753.21	1333.711	1777.592	2430.928
Stddev	7.114	396.95	8.805	30.732	7.982
%RSD	.3378760	1.541370	.6602166	1.728842	.3283498
#1	2107.169	25300.25	1342.232	1744.102	2436.813
#2	2097.520	25918.90	1334.255	1784.175	2421.843
#3	2111.399	26040.47	1324.646	1804.499	2434.128

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: P5057-15 Acquired: 12/17/2024 19:51:16 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHL15 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1638819	-.058232	8.710530	.0676130	.0413602	77.97573
Stddev	.0068360	.003798	.064500	.0041702	.0013897	.76232
%RSD	4.171307	6.522321	.7404817	6.167690	3.359866	.9776400
#1	.1603640	-.062350	8.636060	.0693922	.0410566	78.51600
#2	.1717604	-.057483	8.746816	.0705985	.0428765	78.30744
#3	.1595212	-.054865	8.748713	.0628484	.0401474	77.10375

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.462536	.0085751	.0255268	36.69272	.2684637	.1192716
Stddev	.045324	.0000740	.0001749	.36524	.0018639	.0007862
%RSD	1.015661	.8626248	.6851860	.9954122	.6942880	.6591334
#1	4.500723	.0084904	.0253286	36.95071	.2685376	.1185479
#2	4.474436	.0086081	.0255923	36.85266	.2702895	.1191589
#3	4.412449	.0086269	.0256596	36.27479	.2665639	.1201080

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9220884	168.5520	7.275533	15.54654	.2268987	.0108522
Stddev	.0159821	1.5890	.086837	.12851	.0012428	.0004976
%RSD	1.733250	.9427068	1.193552	.8266288	.5477496	4.584763
#1	.9395810	169.6880	7.336938	15.65989	.2255516	.0112804
#2	.9184349	169.2317	7.313479	15.57280	.2271436	.0103064
#3	.9082494	166.7362	7.176180	15.40692	.2280008	.0109698

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.405884	.3028124	4.898654	5.269124	F 19.88664	-.005021
Stddev	.066993	.0066988	.034996	.124873	.13402	.000659
%RSD	4.765194	2.212202	.7144056	2.369900	.6739023	13.12692
#1	1.373439	.2956289	4.899437	5.345182	19.73236	-.004780
#2	1.361291	.3039199	4.933252	5.337182	19.95330	-.005766
#3	1.482923	.3088885	4.863273	5.125007	19.97425	-.004516

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: P5057-15 Acquired: 12/17/2024 19:51:16 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHL15 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0136733	3.987332	7.740225	1.161149	1.035510	.0297858
Stddev	.0004967	.035143	.049158	.009828	.012839	.0008367
%RSD	3.632478	.8813588	.6350932	.8463917	1.239844	2.809165
#1	.0131366	3.949726	7.784302	1.149850	1.045982	.0306970
#2	.0141168	3.992930	7.749160	1.167717	1.039362	.0296084
#3	.0137665	4.019339	7.687213	1.165879	1.021187	.0290519

Elem	Li6707
Units	ppm
Avg	.0963266
Stddev	.0053327
%RSD	5.536063
#1	.0985633
#2	.0902397
#3	.1001766

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2137.805	26421.10	1364.578	1821.249	2419.035
Stddev	13.744	184.43	9.664	13.736	18.849
%RSD	.6429097	.6980443	.7081903	.7541858	.7791916
#1	2153.643	26572.49	1359.538	1833.660	2440.790
#2	2130.770	26215.69	1358.476	1806.491	2408.728
#3	2129.003	26475.11	1375.720	1823.595	2407.587

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: P5057-16 Acquired: 12/17/2024 19:55:06 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHL16 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6237296	-.238278	15.03964	.2196291	.1189959	94.07917
Stddev	.0033499	.001113	.01338	.0071680	.0013776	.17553
%RSD	.5370797	.4669454	.0889757	3.263689	1.157691	.1865757
#1	.6274331	-.237578	15.02685	.2168900	.1192047	94.21872
#2	.6209107	-.239561	15.05354	.2277628	.1202571	93.88210
#3	.6228450	-.237694	15.03853	.2142346	.1175258	94.13670

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.65393	.0159259	.0564679	34.97287	.3464453	.1521347
Stddev	.00748	.0003769	.0002944	.10846	.0017384	.0010632
%RSD	.0591321	2.366428	.5213110	.3101291	.5017865	.6988623
#1	12.65830	.0162324	.0563944	35.07437	.3447837	.1509070
#2	12.64529	.0155051	.0562173	34.98566	.3463007	.1527428
#3	12.65819	.0160400	.0567921	34.85858	.3482515	.1527542

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.761434	506.9065	7.443077	15.18442	.3117693	.0183542
Stddev	.015138	.6375	.015597	.12871	.0006620	.0011184
%RSD	.8594350	.1257725	.2095475	.8476520	.2123503	6.093292
#1	1.772024	507.4224	7.450514	15.28220	.3122055	.0194893
#2	1.744095	506.1937	7.453564	15.03860	.3120947	.0183200
#3	1.768184	507.1034	7.425154	15.23246	.3110075	.0172533

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.729144	.4240645	14.65964	5.731471	F 18.26570	-.042453
Stddev	.161262	.0027526	.02671	.096658	.00929	.001363
%RSD	5.908875	.6491092	.1821956	1.686437	.0508484	3.210689
#1	2.817254	.4262783	14.64388	5.838260	18.26521	-.043595
#2	2.827154	.4249328	14.69048	5.706182	18.25667	-.042821
#3	2.543022	.4209824	14.64456	5.649972	18.27522	-.040944

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: P5057-16 Acquired: 12/17/2024 19:55:06 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHL16 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0406616	5.731347	8.600979	1.687783	1.000182	-.093349
Stddev	.0004748	.010622	.029972	.001834	.005306	.001174
%RSD	1.167557	.1853356	.3484757	.1086455	.5305261	1.257997
#1	.0405887	5.726292	8.634938	1.689066	.996951	-.094595
#2	.0411686	5.743552	8.589781	1.688600	.997289	-.092263
#3	.0402275	5.724196	8.578218	1.685682	1.006306	-.093189

Elem	Li6707
Units	ppm
Avg	.1087375
Stddev	.0047162
%RSD	4.337229
#1	.1078597
#2	.1045219
#3	.1138309

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2110.445	25881.18	1334.813	1781.776	2413.970
Stddev	7.411	11.98	5.281	.136	9.321
%RSD	.3511559	.0462780	.3956457	.0076367	.3861469
#1	2107.847	25874.31	1329.162	1781.859	2411.640
#2	2104.683	25874.21	1335.655	1781.619	2406.035
#3	2118.805	25895.01	1339.623	1781.850	2424.236

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: P5057-17 Acquired: 12/17/2024 19:58:53 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHL17 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1405986	-.061644	4.029388	.0671280	.0312879	92.18221	3.633743
Stddev	.0045385	.002809	.097103	.0043248	.0017936	.28906	.008222
%RSD	3.228016	4.557397	2.409880	6.442671	5.732401	.3135779	.2262754
#1	.1398216	-.063538	3.964150	.0665426	.0326503	92.51500	3.642786
#2	.1454755	-.062977	4.140982	.0631256	.0319576	92.03798	3.631729
#3	.1364987	-.058416	3.983032	.0717156	.0292559	91.99364	3.626716

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0078837	.0228105	27.40314	.1953542	.1035234	.5997001	160.5488
Stddev	.0001789	.0006363	.15946	.0006373	.0025456	.0147114	.1909
%RSD	2.269648	2.789671	.5819158	.3262161	2.458984	2.453133	.1189084
#1	.0079483	.0222414	27.58409	.1960892	.1021781	.6096674	160.6513
#2	.0080213	.0234975	27.28317	.1949559	.1064594	.6066293	160.6666
#3	.0076814	.0226926	27.34215	.1950175	.1019327	.5828036	160.3285

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.821191	16.01333	.1817287	.0169472	1.063780	.2324471	6.200055
Stddev	.001071	.04304	.0032208	.0003564	.496930	.0056413	.080501
%RSD	.0183972	.2687735	1.772337	2.103038	46.71362	2.426910	1.298384
#1	5.822252	15.99463	.1792331	.0166074	.996221	.2387549	6.181461
#2	5.821209	16.06256	.1853645	.0169160	1.591033	.2278849	6.288226
#3	5.820110	15.98280	.1805884	.0173182	.604086	.2307017	6.130479

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.875437	9.901236	-.001712	.0119159	2.483535	8.969342	.2857383
Stddev	.219338	.238755	.002078	.0008462	.049886	.051982	.0050542
%RSD	5.659686	2.411365	121.3570	7.101223	2.008676	.5795534	1.768811
#1	4.054067	9.736735	-.003941	.0111088	2.447489	9.028500	.2841579
#2	3.941612	10.17508	.000172	.0127964	2.540470	8.930969	.2913939
#3	3.630631	9.79189	-.001368	.0118424	2.462647	8.948555	.2816632

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: P5057-17 Acquired: 12/17/2024 19:58:53 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHL17 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.7950296	.0260613	.1270674
Stddev	.0056635	.0004259	.0035922
%RSD	.7123680	1.634091	2.827005
#1	.8005403	.0265108	.1258288
#2	.7892247	.0260092	.1242584
#3	.7953239	.0256638	.1311150

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2103.852	26211.09	1350.057	1816.235	2449.255
Stddev	35.692	129.39	6.853	6.142	50.934
%RSD	1.696508	.4936633	.5076205	.3381946	2.079557
#1	2125.675	26344.21	1342.287	1822.436	2480.902
#2	2062.663	26085.78	1355.240	1810.153	2390.500
#3	2123.218	26203.27	1352.646	1816.115	2476.363

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: P5057-18 Acquired: 12/17/2024 20:02:43 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHL18 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1958661	-.081691	1.336782	.1276568	.0506759	132.6342	1.625552
Stddev	.0055739	.004958	.004021	.0031484	.0021668	.5634	.007445
%RSD	2.845786	6.069082	.3008222	2.466313	4.275809	.4247606	.4580197
#1	.1955109	-.077348	1.341280	.1310631	.0517029	131.9997	1.617142
#2	.1904782	-.087093	1.333533	.1270537	.0481865	133.0758	1.631303
#3	.2016091	-.080632	1.335534	.1248535	.0521382	132.8272	1.628210

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0131116	.0076042	20.03081	.1619387	.1582067	.4048630	259.0740
Stddev	.0003443	.0001572	.10502	.0010910	.0012785	.0204386	1.4391
%RSD	2.625936	2.067490	.5242717	.6736938	.8080918	5.048265	.5554631
#1	.0127242	.0077748	19.91005	.1613368	.1591324	.3918028	257.4306
#2	.0133826	.0075726	20.10078	.1612813	.1567480	.4284169	260.1085
#3	.0132281	.0074652	20.08159	.1631981	.1587398	.3943693	259.6829

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	22.72133	24.34964	.1975976	.0065689	1.184019	.2621370	1.617280
Stddev	.18036	.09732	.0007905	.0004032	.620486	.0069661	.010005
%RSD	.7937829	.3996751	.4000565	6.138655	52.40507	2.657431	.6186070
#1	22.51335	24.26078	.1984759	.0063821	.561357	.2542485	1.624212
#2	22.83459	24.33448	.1969431	.0070317	1.802305	.2647189	1.605811
#3	22.81606	24.45364	.1973738	.0062930	1.188394	.2674435	1.621818

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.782758	4.695358	-.029673	.0202112	.9058428	10.46700	.0650954
Stddev	.049498	.020712	.000221	.0003507	.0014035	.07163	.0005016
%RSD	.8559498	.4411171	.7445620	1.735354	.1549410	.6843292	.7704963
#1	5.725774	4.718950	-.029642	.0198323	.9048266	10.38430	.0645484
#2	5.807436	4.680165	-.029908	.0202768	.9052575	10.50734	.0655337
#3	5.815066	4.686959	-.029469	.0205245	.9074442	10.50937	.0652041

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: P5057-18 Acquired: 12/17/2024 20:02:43 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHL18 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.6244286	-.154178	.1111404
Stddev	.0043041	.000596	.0056345
%RSD	.6892949	.3863243	5.069689
#1	.6225709	-.153495	.1046611
#2	.6293496	-.154453	.1138693
#3	.6213653	-.154587	.1148908

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2152.220	26249.83	1358.675	1831.959	2427.201
Stddev	3.089	120.49	9.234	11.073	7.550
%RSD	.1435448	.4590189	.6796211	.6044287	.3110403
#1	2149.221	26314.96	1367.412	1841.179	2418.485
#2	2152.048	26110.79	1349.014	1819.678	2431.649
#3	2155.392	26323.75	1359.600	1835.022	2431.471

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: P5057-19 Acquired: 12/17/2024 20:06:32 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHL19 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1660558	-.078335	.3215667	.0776433	.0309189	57.14704	.6260671
Stddev	.0040245	.008799	.0022336	.0013519	.0016680	.10010	.0018690
%RSD	2.423572	11.23312	.6945875	1.741177	5.394686	.1751610	.2985269
#1	.1614088	-.070819	.3229563	.0761272	.0302132	57.03326	.6239321
#2	.1683616	-.076171	.3189902	.0787234	.0328238	57.22154	.6274078
#3	.1683970	-.088014	.3227535	.0780794	.0297199	57.18633	.6268613

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0095467	.0047577	14.21381	.0865905	.1117950	.2625479	181.7641
Stddev	.0000796	.0000702	.07325	.0005135	.0007611	.0071973	.7916
%RSD	.8343682	1.475031	.5153441	.5929958	.6808075	2.741327	.4355101
#1	.0094998	.0047842	14.14405	.0867259	.1119528	.2708409	180.8660
#2	.0095016	.0046782	14.29011	.0870227	.1124648	.2588706	182.3603
#3	.0096387	.0048108	14.20728	.0860229	.1109673	.2579321	182.0660

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.744733	17.52404	.1841397	.0023730	1.012826	.1465604	.6177776
Stddev	.025109	.13357	.0009401	.0000279	.455733	.0053030	.0132259
%RSD	.5292016	.7621859	.5105434	1.177872	44.99620	3.618283	2.140885
#1	4.719987	17.43132	.1839100	.0024043	1.273498	.1404372	.6329884
#2	4.770190	17.67713	.1833357	.0023643	1.278382	.1495786	.6113547
#3	4.744021	17.46367	.1851734	.0023504	.486598	.1496652	.6089897

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.439643	3.532563	-.021329	.0035871	.6278987	6.699753	.0377186
Stddev	.118947	.001958	.000098	.0001282	.0092054	.064220	.0005898
%RSD	1.847104	.0554169	.4617270	3.575076	1.466072	.9585502	1.563574
#1	6.433957	3.533300	-.021346	.0036377	.6204500	6.635781	.0378552
#2	6.561332	3.530344	-.021418	.0034413	.6250559	6.764219	.0382280
#3	6.323642	3.534046	-.021223	.0036823	.6381902	6.699259	.0370725

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: P5057-19 Acquired: 12/17/2024 20:06:32 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHL19 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.3797662	-.120855	.0705195
Stddev	.0013432	.000300	.0042170
%RSD	.3536872	.2481909	5.979903
#1	.3784395	-.120510	.0675149
#2	.3797338	-.121000	.0687032
#3	.3811253	-.121055	.0753402

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3153.007	38745.91	1986.319	2699.619	2414.738
Stddev	2.413	115.31	10.876	11.555	2.214
%RSD	.0765172	.2976064	.5475567	.4280093	.0917067
#1	3155.175	38679.23	1998.801	2691.184	2415.421
#2	3153.437	38879.06	1981.276	2712.789	2416.531
#3	3150.408	38679.44	1978.880	2694.884	2412.263

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: P5057-20 Acquired: 12/17/2024 20:10:23 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHL20 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1186090	-.018855	.8884599	.0724212	.0280773	67.37910	1.196525
Stddev	.0024034	.002170	.0052211	.0058843	.0031169	.50103	.011799
%RSD	2.026330	11.51087	.5876600	8.125130	11.10112	.7435919	.9861438
#1	.1160077	-.016542	.8844201	.0790869	.0259090	67.26464	1.194515
#2	.1207470	-.020847	.8866041	.0679474	.0266738	66.94521	1.185859
#3	.1190722	-.019175	.8943554	.0702293	.0316492	67.92745	1.209200

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0075407	.0128732	57.55530	.1178593	.1384117	.2452391	178.4951
Stddev	.0001344	.0001165	.36529	.0006488	.0009918	.0049717	1.7791
%RSD	1.782556	.9050147	.6346782	.5505216	.7165667	2.027268	.9967128
#1	.0074460	.0129198	57.39677	.1186043	.1391230	.2463434	177.8155
#2	.0074815	.0129593	57.29606	.1174182	.1372787	.2398081	177.1560
#3	.0076945	.0127407	57.97308	.1175554	.1388333	.2495657	180.5138

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.56931	22.39678	.2700590	.0057208	1.214141	.1432881	1.324351
Stddev	.18868	.32075	.0017415	.0007446	.690102	.0070748	.008188
%RSD	.9641698	1.432139	.6448650	13.01545	56.83877	4.937444	.6182308
#1	19.49084	22.31999	.2713776	.0053901	.745674	.1370137	1.329846
#2	19.43253	22.12140	.2680848	.0051988	.890121	.1418946	1.328266
#3	19.78457	22.74896	.2707146	.0065735	2.006626	.1509559	1.314940

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.684537	6.682526	-.007226	.0078558	1.021140	7.626378	.0582839
Stddev	.111170	.013544	.000724	.0005108	.002880	.071518	.0008514
%RSD	1.446665	.2026819	10.01398	6.502219	.2820397	.9377749	1.460788
#1	7.662496	6.688198	-.007374	.0076617	1.017910	7.621794	.0577209
#2	7.586039	6.667068	-.006440	.0084353	1.023440	7.557263	.0578674
#3	7.805076	6.692312	-.007864	.0074706	1.022069	7.700079	.0592633

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: P5057-20 Acquired: 12/17/2024 20:10:23 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHL20 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.5270051	-.050098	.1048047
Stddev	.0043584	.000765	.0067350
%RSD	.8270194	1.527077	6.426281
#1	.5238140	-.049558	.1051858
#2	.5252304	-.049762	.0978872
#3	.5319709	-.050973	.1113411

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2647.396	32666.33	1673.564	2259.097	2349.798
Stddev	.935	50.01	12.157	3.264	.367
%RSD	.0353314	.1530953	.7263966	.1444663	.0156178
#1	2646.789	32638.03	1673.943	2260.542	2349.750
#2	2648.473	32636.88	1685.526	2255.360	2349.457
#3	2646.926	32724.07	1661.222	2261.388	2350.186

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: P5057-21 Acquired: 12/17/2024 20:14:14 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHL21 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1222723	-.031792	2.433277	.0490781	.0269638	62.30406	1.396480
Stddev	.0027837	.006032	.012440	.0032217	.0017777	.15508	.005565
%RSD	2.276641	18.97427	.5112340	6.564483	6.593089	.2489067	.3985333
#1	.1220194	-.025432	2.429407	.0492048	.0278054	62.18789	1.391921
#2	.1251739	-.037432	2.423232	.0457950	.0249215	62.48016	1.402682
#3	.1196238	-.032513	2.447191	.0522347	.0281644	62.24414	1.394838

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0080221	.0116233	99.06958	.1567900	.1033103	.4133236	153.0933
Stddev	.0001444	.0001231	.17335	.0013813	.0004091	.0047647	.7669
%RSD	1.799620	1.058784	.1749751	.8809790	.3960077	1.152779	.5009099
#1	.0078554	.0115862	98.87059	.1551956	.1029308	.4120359	152.6685
#2	.0081011	.0115230	99.15036	.1576236	.1032564	.4185998	153.9786
#3	.0081097	.0117606	99.18780	.1575509	.1037436	.4093351	152.6329

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.047055	37.34047	.1970070	.0056927	1.183758	.1682754	2.189220
Stddev	.038901	.32675	.0008527	.0007408	.876556	.0107840	.002995
%RSD	.4834173	.8750569	.4328267	13.01353	74.04860	6.408534	.1367917
#1	8.029525	37.29190	.1976455	.0053422	2.125447	.1562514	2.186200
#2	8.091636	37.68879	.1960387	.0065437	1.034266	.1714837	2.189271
#3	8.020004	37.04073	.1973370	.0051922	.391561	.1770912	2.192188

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.038038	9.265856	.0135023	.0081271	4.284591	9.025592	.1643954
Stddev	.123106	.046527	.0014215	.0004119	.019456	.066560	.0020661
%RSD	1.749159	.5021298	10.52814	5.068568	.4541014	.7374613	1.256789
#1	6.904260	9.239077	.0127824	.0085180	4.283088	9.010635	.1644542
#2	7.063299	9.238910	.0151397	.0076970	4.265929	9.098358	.1664315
#3	7.146554	9.319580	.0125847	.0081662	4.304755	8.967783	.1623005

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: P5057-21 Acquired: 12/17/2024 20:14:14 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHL21 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.6460987	.0787894	.0804035
Stddev	.0124284	.0003056	.0013418
%RSD	1.923605	.3878190	1.668798
#1	.6318901	.0784639	.0792062
#2	.6514562	.0790700	.0801504
#3	.6549499	.0788342	.0818537

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2154.688	26411.28	1371.182	1821.245	2380.651
Stddev	9.134	79.41	9.259	5.776	13.764
%RSD	.4239158	.3006515	.6752653	.3171559	.5781799
#1	2158.513	26320.46	1368.653	1816.758	2385.811
#2	2161.287	26467.61	1363.451	1819.215	2391.089
#3	2144.263	26445.76	1381.444	1827.762	2365.052

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: P5057-22 Acquired: 12/17/2024 20:18:03 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHL22 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1498198	-.035381	2.867900	.0641349	.0339991	67.29532
Stddev	.0062718	.004523	.013459	.0030652	.0033987	.11217
%RSD	4.186223	12.78483	.4693139	4.779343	9.996387	.1666891
#1	.1465772	-.032164	2.856154	.0670731	.0378902	67.19445
#2	.1570491	-.040553	2.864959	.0609567	.0324958	67.41613
#3	.1458331	-.033427	2.882586	.0643750	.0316113	67.27537

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.566993	.0087587	.0138612	132.0167	.1693209	.1406318
Stddev	.005770	.0002335	.0002044	.2087	.0012415	.0003869
%RSD	.3682244	2.665339	1.474512	.1580707	.7332201	.2751414
#1	1.562194	.0085906	.0137466	131.9312	.1706454	.1410338
#2	1.573395	.0090253	.0137398	132.2545	.1691337	.1405997
#3	1.565390	.0086604	.0140971	131.8643	.1681837	.1402619

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4700081	179.8471	10.16537	44.03926	.2339083	.0062938
Stddev	.0075207	.5390	.03859	.30414	.0005196	.0007400
%RSD	1.600122	.2996868	.3796603	.6906094	.2221303	11.75708
#1	.4774812	179.2458	10.12502	43.70580	.2342278	.0069043
#2	.4701025	180.2867	10.20193	44.30140	.2341884	.0054709
#3	.4624407	180.0089	10.16916	44.11058	.2333088	.0065062

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.086511	.1891660	2.004674	6.389765	F 10.14202	.0148384
Stddev	.510048	.0120592	.026249	.075197	.02171	.0011376
%RSD	24.44501	6.374943	1.309389	1.176831	.2140346	7.666300
#1	2.019578	.2021667	2.013749	6.310905	10.12814	.0142239
#2	2.626720	.1783458	1.975092	6.397725	10.13089	.0141402
#3	1.613234	.1869855	2.025181	6.460666	10.16704	.0161510

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: P5057-22 Acquired: 12/17/2024 20:18:03 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHL22 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0097741	4.372827	8.677637	.1812571	.8416695	.1119694
Stddev	.0001905	.017234	.058536	.0017142	.0024636	.0012081
%RSD	1.949165	.3941055	.6745616	.9457020	.2926988	1.078991
#1	.0097710	4.360361	8.635455	.1803671	.8445129	.1110228
#2	.0095852	4.365628	8.744466	.1801710	.8403209	.1133302
#3	.0099662	4.392493	8.652989	.1832332	.8401747	.1115552

Elem	Li6707
Units	ppm
Avg	.0900086
Stddev	.0017980
%RSD	1.997617
#1	.0920227
#2	.0885649
#3	.0894384

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2199.428	26860.12	1421.637	1863.227	2365.504
Stddev	1.304	68.53	8.322	6.752	3.840
%RSD	.0592784	.2551482	.5853495	.3623624	.1623305
#1	2199.254	26789.27	1429.362	1862.370	2366.944
#2	2200.811	26926.08	1412.826	1870.367	2368.416
#3	2198.220	26865.01	1422.722	1856.945	2361.153

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: P5060-01 Acquired: 12/17/2024 20:21:52 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHKR8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1354984	-.028802	1.955554	.0514259	.0237614	70.05835
Stddev	.0032540	.005605	.002645	.0029795	.0000999	.46456
%RSD	2.401516	19.46073	.1352789	5.793820	.4204814	.6630974
#1	.1348968	-.032087	1.956300	.0482807	.0238703	70.36604
#2	.1325872	-.031988	1.957747	.0542060	.0237399	70.28504
#3	.1390113	-.022330	1.952616	.0517911	.0236740	69.52397

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.651696	.0089500	.0088527	145.5830	.1411890	.1200297
Stddev	.005943	.0000801	.0001139	.9736	.0011357	.0007752
%RSD	.3597924	.8953408	1.286201	.6687620	.8044066	.6458488
#1	1.656309	.0090409	.0087797	146.3701	.1400853	.1202275
#2	1.653788	.0088895	.0089839	145.8847	.1423543	.1206868
#3	1.644990	.0089196	.0087945	144.4943	.1411274	.1191748

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3665682	156.7226	7.973756	34.81340	.2353020	.0045853
Stddev	.0162805	.8634	.043730	.34083	.0011220	.0010224
%RSD	4.441331	.5508821	.5484287	.9790304	.4768280	22.29656
#1	.3793159	157.7017	8.023891	35.20686	.2364724	.0055256
#2	.3721600	156.3959	7.953903	34.60897	.2351980	.0047332
#3	.3482287	156.0703	7.943474	34.62437	.2342356	.0034970

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.267151	.2041312	1.975059	6.253086	F 15.66405	.0171726
Stddev	.335156	.0021220	.033369	.186522	.01499	.0025437
%RSD	26.44958	1.039502	1.689504	2.982883	.0957020	14.81269
#1	1.549610	.2042322	2.002938	6.374739	15.67651	.0198832
#2	.896809	.2062008	1.984154	6.346177	15.66822	.0167972
#3	1.355032	.2019605	1.938086	6.038341	15.64742	.0148375

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: P5060-01 Acquired: 12/17/2024 20:21:52 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHKR8 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0064313	4.270016	8.129576	.1087364	.7371640	.1892081
Stddev	.0003513	.004871	.059563	.0003586	.0022487	.0014352
%RSD	5.462618	.1140681	.7326685	.3297904	.3050425	.7585336
#1	.0061458	4.264830	8.192703	.1084645	.7388103	.1908549
#2	.0063245	4.274494	8.121656	.1086019	.7380797	.1882240
#3	.0068236	4.270724	8.074370	.1091428	.7346019	.1885454

Elem	Li6707
Units	ppm
Avg	.1199855
Stddev	.0063298
%RSD	5.275503
#1	.1217014
#2	.1252806
#3	.1129747

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2274.129	27774.11	1435.687	1929.186	2396.635
Stddev	8.916	38.90	12.027	6.493	4.988
%RSD	.3920675	.1400493	.8377335	.3365561	.2081348
#1	2269.318	27739.98	1422.500	1935.223	2392.607
#2	2284.418	27765.88	1438.507	1922.318	2402.215
#3	2268.652	27816.46	1446.053	1930.016	2395.084

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: P5060-02 Acquired: 12/17/2024 20:25:41 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHKR8D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1310570	-.022793	1.912102	.0555103	.0233594	68.48024
Stddev	.0035699	.003557	.002938	.0019815	.0006789	.18573
%RSD	2.723898	15.60395	.1536375	3.569544	2.906483	.2712198
#1	.1280654	-.020641	1.915494	.0577565	.0227067	68.56476
#2	.1350087	-.026898	1.910372	.0540099	.0240618	68.26728
#3	.1300968	-.020840	1.910439	.0547646	.0233096	68.60869

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.615581	.0087676	.0087669	143.4419	.1393915	.1169540
Stddev	.004485	.0001104	.0000389	.7090	.0007420	.0006497
%RSD	.2776249	1.258809	.4437174	.4942928	.5323068	.5555176
#1	1.618895	.0088605	.0087323	143.6241	.1385656	.1175003
#2	1.610477	.0086456	.0088090	142.6596	.1396073	.1162356
#3	1.617370	.0087967	.0087593	144.0421	.1400017	.1171262

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3676257	153.1591	7.809976	34.07473	.2298837	.0041452
Stddev	.0041230	.2423	.024436	.07859	.0012689	.0008399
%RSD	1.121527	.1582123	.3128800	.2306514	.5519555	20.26138
#1	.3686820	152.9220	7.832050	34.02303	.2312603	.0046506
#2	.3630773	153.1490	7.783719	34.03599	.2296298	.0046093
#3	.3711178	153.4063	7.814160	34.16518	.2287610	.0031757

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.232326	.2065311	1.942469	5.912627	F 15.39551	.0124303
Stddev	.847509	.0088925	.041879	.067210	.02695	.0021559
%RSD	68.77310	4.305644	2.155968	1.136713	.1750544	17.34372
#1	.639146	.2067079	1.984155	5.978357	15.41890	.0149197
#2	2.202989	.1975515	1.942854	5.844029	15.40160	.0111896
#3	.854843	.2153338	1.900399	5.915495	15.36604	.0111816

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: P5060-02 Acquired: 12/17/2024 20:25:41 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHKR8D Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0071071	4.174465	7.930768	.1074629	.7188317	.1838799
Stddev	.0004922	.014051	.069131	.0020471	.0029452	.0005852
%RSD	6.925647	.3365822	.8716762	1.904921	.4097151	.3182422
#1	.0072869	4.188733	7.977317	.1087187	.7156311	.1835973
#2	.0074842	4.174021	7.851333	.1051007	.7214275	.1845527
#3	.0065503	4.160642	7.963653	.1085693	.7194366	.1834896

Elem	Li6707
Units	ppm
Avg	.1160371
Stddev	.0072452
%RSD	6.243897
#1	.1236967
#2	.1092933
#3	.1151213

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2304.623	28190.55	1475.893	1971.368	2450.639
Stddev	8.723	28.83	9.098	9.840	7.192
%RSD	.3785187	.1022715	.6164132	.4991597	.2934860
#1	2294.746	28181.62	1470.637	1965.848	2442.539
#2	2307.848	28167.24	1486.398	1965.526	2453.103
#3	2311.274	28222.79	1470.644	1982.729	2456.275

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: P5060-01LX5 Acquired: 12/17/2024 20:29:32 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHKR8L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0282624	.0034404	.3977846	.0067382	.0029344	16.55737	.3952121
Stddev	.0005281	.0015321	.0038345	.0032176	.0006068	.03970	.0011765
%RSD	1.868435	44.53305	.9639740	47.75155	20.67961	.2397570	.2976896
#1	.0285554	.0042371	.4009672	.0060950	.0036072	16.57379	.3958172
#2	.0285791	.0016741	.3988591	.0038907	.0027677	16.58622	.3959629
#3	.0276528	.0044101	.3935274	.0102288	.0024284	16.51209	.3938562

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0022593	.0017264	35.19291	.0342758	.0371148	.0903951	37.73202
Stddev	.0001730	.0002123	.10197	.0006801	.0007564	.0075941	.10203
%RSD	7.656272	12.29388	.2897379	1.984205	2.038084	8.400958	.2704199
#1	.0024442	.0018957	35.17757	.0350540	.0376139	.0912670	37.80252
#2	.0022324	.0014883	35.30168	.0339786	.0374861	.0824028	37.77852
#3	.0021013	.0017953	35.09948	.0337950	.0362445	.0975156	37.61502

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.931871	8.292003	.0458779	.0018138	-.472000	.0457850	.4943810
Stddev	.012849	.167273	.0003642	.0004223	.104876	.0100618	.0124791
%RSD	.6650857	2.017282	.7938126	23.28279	22.21947	21.97618	2.524179
#1	1.931863	8.329997	.0462847	.0013456	-.569270	.0451337	.4973024
#2	1.944723	8.437011	.0455822	.0021659	-.485838	.0561566	.4807004
#3	1.919026	8.109001	.0457670	.0019299	-.360892	.0360647	.5051402

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.107579	3.143404	.0031591	.0017529	.8524118	1.979729	.0217799
Stddev	.221511	.037298	.0025263	.0004038	.0080900	.012034	.0006586
%RSD	19.99960	1.186535	79.96974	23.03591	.9490778	.6078733	3.023659
#1	.873381	3.186042	.0016672	.0013438	.8610832	1.982532	.0215636
#2	1.135622	3.127339	.0060759	.0017638	.8510852	1.990115	.0212567
#3	1.313733	3.116831	.0017341	.0021511	.8450671	1.966541	.0225194

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: P5060-01LX5 Acquired: 12/17/2024 20:29:32 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHKR8L Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.1763259	.0445791	.0304727
Stddev	.0045611	.0004286	.0044810
%RSD	2.586720	.9614788	14.70497
#1	.1761963	.0445154	.0348969
#2	.1718311	.0450360	.0305841
#3	.1809504	.0441859	.0259370

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1993.391	24209.71	1238.124	1687.994	2503.953
Stddev	19.622	126.83	8.215	9.357	27.610
%RSD	.9843468	.5238729	.6634968	.5543229	1.102674
#1	1970.851	24065.80	1234.674	1683.594	2472.304
#2	2002.669	24258.15	1232.196	1681.649	2516.448
#3	2006.653	24305.18	1247.501	1698.740	2523.107

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: P5060-03 Acquired: 12/17/2024 20:33:28 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHKR8S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2095260	.0594239	1.910025	.1920532	.1599448	72.03102
Stddev	.0031956	.0048871	.012123	.0036626	.0012848	.67463
%RSD	1.525177	8.224130	.6346828	1.907056	.8032435	.9365848
#1	.2076413	.0610225	1.897330	.1879233	.1608431	72.64884
#2	.2077209	.0539377	1.911265	.1949072	.1584732	72.13302
#3	.2132157	.0633114	1.921480	.1933290	.1605182	71.31119

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.959689	.0926417	.1002514	144.4253	.4818082	1.045765
Stddev	.047812	.0007880	.0005644	1.2778	.0010172	.005957
%RSD	.9640085	.8505722	.5629427	.8847139	.2111206	.5696639
#1	5.005086	.0929674	.0996888	145.3926	.4821920	1.039924
#2	4.964200	.0932147	.1002477	144.9065	.4825777	1.045539
#3	4.909782	.0917431	.1008175	142.9768	.4806549	1.051832

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7690583	156.3721	8.704253	34.38269	1.173594	.0710683
Stddev	.0140197	1.6027	.100354	.36846	.007082	.0004611
%RSD	1.822966	1.024911	1.152930	1.071632	.6034090	.6488295
#1	.7852467	157.7921	8.798418	34.78273	1.166711	.0708230
#2	.7609993	156.6898	8.715657	34.30809	1.173214	.0716002
#3	.7609288	154.6343	8.598684	34.05723	1.180858	.0707816

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.066406	1.037708	2.709430	6.174336	F 15.03995	.0074932
Stddev	.375444	.018414	.049637	.107376	.06829	.0035273
%RSD	35.20653	1.774500	1.831999	1.739062	.4540280	47.07381
#1	1.418493	1.058043	2.766727	6.294543	14.96977	.0044586
#2	.671308	1.022160	2.679519	6.087923	15.04389	.0113633
#3	1.109415	1.032920	2.682044	6.140542	15.10617	.0066577

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: P5060-03 Acquired: 12/17/2024 20:33:28 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHKR8S Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0065963	4.051035	8.019848	.1039622	.7221278	.1820375
Stddev	.0002397	.030469	.060355	.0013670	.0065066	.0024338
%RSD	3.633476	.7521296	.7525738	1.314894	.9010319	1.336954
#1	.0066408	4.033124	8.069409	.1028154	.7292810	.1847419
#2	.0068106	4.033767	8.037499	.1035962	.7205411	.1813471
#3	.0063375	4.086216	7.952635	.1054749	.7165614	.1800235

Elem	Li6707
Units	ppm
Avg	.1265399
Stddev	.0060712
%RSD	4.797846
#1	.1232193
#2	.1335472
#3	.1228534

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2259.402	27927.62	1427.728	1943.535	2417.488
Stddev	10.271	80.35	9.991	6.525	14.215
%RSD	.4545938	.2877120	.6997859	.3357476	.5880139
#1	2262.650	27954.88	1422.391	1944.253	2424.963
#2	2267.657	27837.18	1421.539	1936.680	2426.407
#3	2247.900	27990.78	1439.254	1949.671	2401.095

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: P5060-04 Acquired: 12/17/2024 20:37:16 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHKW4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0615276	.0119154	.1831715	.0268590	.0134089	43.47602
Stddev	.0061346	.0071255	.0054693	.0012486	.0017898	.21041
%RSD	9.970541	59.80115	2.985878	4.648813	13.34766	.4839720
#1	.0609589	.0190661	.1880022	.0262842	.0113849	43.30908
#2	.0556971	.0048154	.1772332	.0260012	.0147825	43.40660
#3	.0679268	.0118646	.1842789	.0282915	.0140593	43.71237

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5765761	.0056377	.0038165	F 1227.395	.0727138	.1371520
Stddev	.0036709	.0000885	.0000797	4.684	.0001335	.0032372
%RSD	.6366769	1.569436	2.087376	.3815887	.1835609	2.360289
#1	.5731517	.0056953	.0039079	1224.672	.0726025	.1400713
#2	.5761249	.0056820	.0037620	1224.709	.0726771	.1336705
#3	.5804518	.0055358	.0037795	1232.803	.0728618	.1377142

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2464472	155.9530	14.86614	294.7892	.1858657	.0018368
Stddev	.0131474	.6205	.06782	1.3865	.0054449	.0006982
%RSD	5.334755	.3978710	.4562092	.4703218	2.929473	38.01222
#1	.2313666	156.0324	14.84518	294.6710	.1915964	.0020870
#2	.2524763	155.2967	14.81127	293.4656	.1807607	.0023755
#3	.2554987	156.5300	14.94196	296.2309	.1852401	.0010480

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.176679	.1231392	.4476729	9.944772	6.003701	.0428387
Stddev	.285862	.0091326	.0046327	.063955	.155694	.0044556
%RSD	24.29399	7.416454	1.034844	.6431063	2.593301	10.40074
#1	.882450	.1229072	.4450977	9.873811	6.159887	.0422244
#2	1.194219	.1141249	.4448999	9.997963	5.848504	.0475696
#3	1.453367	.1323856	.4530210	9.962544	6.002713	.0387222

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: P5060-04 Acquired: 12/17/2024 20:37:16 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHKW4 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0020040	1.469184	6.291705	.0292235	.3235030	.7790909
Stddev	.0006702	.032828	.040394	.0017698	.0022185	.0036110
%RSD	33.44412	2.234442	.6420242	6.055894	.6857780	.4634893
#1	.0025826	1.501143	6.299225	.0273154	.3259902	.7772021
#2	.0012696	1.435551	6.248079	.0295440	.3217283	.7768160
#3	.0021599	1.470860	6.327811	.0308111	.3227905	.7832545

Elem	Li6707
Units	ppm
Avg	.1584073
Stddev	.0017386
%RSD	1.097522
#1	.1587676
#2	.1599375
#3	.1565169

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2035.693	24837.39	1352.649	1708.763	2025.984
Stddev	31.726	59.84	12.274	11.364	38.814
%RSD	1.558473	.2409174	.9073683	.6650155	1.915833
#1	2002.083	24900.23	1360.216	1720.123	1985.447
#2	2065.119	24781.09	1359.244	1697.396	2062.810
#3	2039.875	24830.85	1338.488	1708.771	2029.694

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: P5060-05 Acquired: 12/17/2024 20:41:07 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHKY6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0861703	-.029928	.5357128	.0513825	.0244041	69.60520
Stddev	.0045230	.008331	.0012707	.0017944	.0012964	.19837
%RSD	5.248864	27.83787	.2371918	3.492306	5.312296	.2849946
#1	.0897160	-.028575	.5351616	.0531292	.0255540	69.39651
#2	.0877183	-.038854	.5348108	.0495439	.0246594	69.62778
#3	.0810766	-.022357	.5371660	.0514742	.0229991	69.79132

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8652801	.0078682	.0043853	192.4392	.1141783	.1164616
Stddev	.0016408	.0000853	.0002180	.9515	.0009564	.0005454
%RSD	.1896232	1.084559	4.971058	.4944327	.8376019	.4682616
#1	.8633863	.0077850	.0044163	191.3864	.1149109	.1170868
#2	.8661804	.0079555	.0045861	192.6935	.1145276	.1160837
#3	.8662736	.0078641	.0041534	193.2377	.1130964	.1162144

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2309121	163.8947	6.882521	90.37503	.1946125	.0029284
Stddev	.0067300	.7606	.033652	.36125	.0005413	.0006322
%RSD	2.914512	.4640638	.4889450	.3997190	.2781351	21.58876
#1	.2231577	163.0481	6.846413	90.02093	.1940511	.0027647
#2	.2343498	164.1156	6.888143	90.74302	.1946554	.0023941
#3	.2352290	164.5204	6.913008	90.36113	.1951311	.0036264

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5060570	.1983851	.7336180	9.462065	F 10.34406	.0280724
Stddev	.6018787	.0050137	.0059673	.039365	.03725	.0033354
%RSD	118.9350	2.527244	.8134099	.4160284	.3600812	11.88158
#1	.2106745	.1962293	.7405002	9.416819	10.32855	.0311586
#2	1.198560	.2041161	.7304696	9.488452	10.31708	.0245339
#3	.108936	.1948099	.7298843	9.480924	10.38656	.0285249

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: P5060-05 Acquired: 12/17/2024 20:41:07 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHKY6 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0052539	7.932766	7.558856	.0514602	.9829375	.0775291
Stddev	.0005692	.035809	.073344	.0028557	.0085521	.0001865
%RSD	10.83380	.4514025	.9703027	5.549315	.8700527	.2405540
#1	.0058126	7.927618	7.493394	.0535588	.9759494	.0774017
#2	.0052744	7.899810	7.638121	.0482082	.9924741	.0774425
#3	.0046747	7.970870	7.545055	.0526135	.9803889	.0777432

Elem	Li6707
Units	ppm
Avg	.1184901
Stddev	.0037307
%RSD	3.148535
#1	.1151522
#2	.1225174
#3	.1178006

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2241.652	27363.73	1442.371	1907.897	2330.787
Stddev	2.517	110.65	11.033	10.927	3.097
%RSD	.1122909	.4043842	.7649371	.5727140	.1328912
#1	2243.278	27255.14	1451.144	1897.379	2331.217
#2	2242.925	27359.71	1429.984	1907.119	2333.646
#3	2238.752	27476.34	1445.986	1919.191	2327.497

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: P5060-06 Acquired: 12/17/2024 20:44:57 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHKY7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0820136	-.039827	.4602996	.0662492	.0266688	60.68447	.7515567
Stddev	.0021354	.002914	.0026591	.0021085	.0020291	.38141	.0033521
%RSD	2.603764	7.315530	.5776784	3.182596	7.608673	.6285207	.4460227
#1	.0842813	-.036964	.4598010	.0662815	.0290118	60.60214	.7521933
#2	.0800412	-.042788	.4579251	.0641248	.0255112	61.10033	.7545449
#3	.0817183	-.039729	.4631726	.0683414	.0254834	60.35095	.7479320

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0070932	.0036874	105.7482	.0967378	.1059139	.2110922	177.6953
Stddev	.0000579	.0000697	.5748	.0009838	.0002515	.0068008	1.3352
%RSD	.8163201	1.889882	.5435648	1.016937	.2374885	3.221730	.7514218
#1	.0071601	.0037585	105.5734	.0956171	.1061311	.2095003	177.2649
#2	.0070609	.0036844	106.3901	.0971375	.1056383	.2052285	179.1927
#3	.0070586	.0036192	105.2811	.0974588	.1059723	.2185478	176.6283

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.792973	51.06899	.1795036	.0040707	.9889081	.1547252	.5741558
Stddev	.057465	.20626	.0006658	.0009344	.2206502	.0171890	.0186060
%RSD	.5867933	.4038892	.3709005	22.95322	22.31251	11.10935	3.240579
#1	9.766404	51.06210	.1787389	.0044382	.9745822	.1647412	.5867966
#2	9.858914	51.27861	.1799541	.0047654	.7757700	.1348774	.5527908
#3	9.753600	50.86626	.1798179	.0030085	1.216372	.1645570	.5828799

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.487398	8.378839	-.006202	.0046375	3.264539	7.478470	.0387748
Stddev	.215813	.023465	.002911	.0005938	.009866	.067710	.0004431
%RSD	3.326650	.2800474	46.93099	12.80418	.3022233	.9054057	1.142667
#1	6.352652	8.376359	-.002847	.0041889	3.253148	7.429058	.0392714
#2	6.736314	8.356712	-.008056	.0044129	3.270351	7.555650	.0384200
#3	6.373228	8.403444	-.007703	.0053109	3.270120	7.450702	.0386329

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: P5060-06 Acquired: 12/17/2024 20:44:57 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHKY7 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.8706152	-.024210	.0926113
Stddev	.0035807	.000168	.0090146
%RSD	.4112849	.6940017	9.733755
#1	.8669552	-.024149	.0822024
#2	.8707795	-.024399	.0977534
#3	.8741110	-.024080	.0978781

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2223.034	27093.20	1426.594	1878.866	2365.425
Stddev	3.370	158.94	12.100	6.760	2.685
%RSD	.1516168	.5866255	.8481527	.3597764	.1134991
#1	2222.959	27234.26	1432.264	1881.654	2368.416
#2	2219.701	27124.36	1412.701	1883.785	2363.226
#3	2226.441	26921.00	1434.818	1871.158	2364.632

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: CCV051 Acquired: 12/17/2024 20:48:48 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: CCV051 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.069621	4.921102	24.43504	5.074513	5.045983	396.9922	9.962869
Stddev	.015649	.014767	.17129	.034937	.040052	3.7242	.095652
%RSD	.3086914	.3000682	.7009907	.6884803	.7937333	.9381075	.9600847
#1	5.063915	4.926380	24.42573	5.090840	5.067386	400.1715	10.04651
#2	5.057625	4.904421	24.26860	5.034402	4.999777	397.9104	9.98352
#3	5.087322	4.932503	24.61080	5.098297	5.070786	392.8948	9.85858

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4987556	2.472388	401.0329	15.38642	2.488462	14.64482	405.8398
Stddev	.0060061	.018150	3.7109	.06823	.018360	.16323	3.6681
%RSD	1.204222	.7341104	.9253282	.4434636	.7378042	1.114576	.9038362
#1	.5045624	2.473195	404.3124	15.32339	2.487334	14.79729	408.7496
#2	.4991361	2.453848	401.7816	15.37700	2.470692	14.66454	407.0504
#3	.4925682	2.490121	397.0048	15.45888	2.507360	14.47262	401.7194

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.19439	400.6617	2.485154	1.283443	394.3920	2.475940	15.60747
Stddev	.16964	3.8921	.017006	.006486	4.6812	.036652	.09867
%RSD	1.116446	.9714132	.6843189	.5053907	1.186940	1.480334	.6322206
#1	15.34239	404.5483	2.485263	1.276585	398.8713	2.503808	15.49949
#2	15.23151	400.6726	2.468093	1.289479	394.7728	2.489590	15.62997
#3	15.00926	396.7641	2.502105	1.284266	389.5321	2.434421	15.69296

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	150.5045	4.918533	4.714479	4.699070	4.928053	4.822368	4.986847
Stddev	1.3551	.035079	.057198	.036241	.038573	.052318	.035440
%RSD	.9003807	.7132011	1.213244	.7712453	.7827239	1.084902	.7106683
#1	151.7042	4.905017	4.774573	4.710755	4.929219	4.880820	4.986473
#2	150.7747	4.892222	4.708164	4.658428	4.888910	4.806361	4.951596
#3	149.0347	4.958360	4.660701	4.728028	4.966030	4.779924	5.022473

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: CCV051 Acquired: 12/17/2024 20:48:48 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: CCV051 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	4.928369	4.670821	4.883787
Stddev	.055816	.052503	.054672
%RSD	1.132539	1.124070	1.119464
#1	4.969898	4.718978	4.935834
#2	4.950287	4.678637	4.888706
#3	4.864921	4.614848	4.826822

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1526.187	20669.23	1151.720	1351.907	1978.390
Stddev	7.504	102.70	12.851	8.846	7.931
%RSD	.4916597	.4968898	1.115809	.6543303	.4008653
#1	1520.593	20771.37	1137.864	1362.073	1974.975
#2	1534.714	20670.36	1154.050	1347.679	1987.456
#3	1523.255	20565.97	1163.247	1345.967	1972.738

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: CCB051 Acquired: 12/17/2024 20:52:24 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: CCB051 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0011359	.0029009	.0015255	-.000401	.0006781	.0114783	.0000478
Stddev	.0062779	.0022165	.0022923	.006757	.0026010	.0389576	.0015258
%RSD	552.6717	76.40783	150.2685	1686.531	383.5650	339.4033	3189.453
#1	.0079563	.0053722	.0041699	.006896	-.002155	.0284918	.0010290
#2	-.000148	.0010888	.0003017	-.006443	.001231	-.033092	.0008246
#3	-.004401	.0022417	.0001047	-.001656	.002958	.039035	-.001710

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000556	-.000080	.0004885	.0005641	.0000576	.0061927	.0247109
Stddev	.0000683	.000054	.0351717	.0009383	.0000028	.0068587	.0471090
%RSD	122.9140	67.55203	7199.985	166.3490	4.946920	110.7552	190.6410
#1	.0000005	-.000033	-.029715	.0009383	.0000580	.0133272	.0398099
#2	.0001321	-.000069	-.007922	.0012575	.0000545	-.000352	-.028097
#3	.0000342	-.000139	.039103	-.000504	.0000602	.005603	.062419

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000665	-.052638	.0001909	.0001370	-.142041	.0037565	.0193953
Stddev	.004150	.013469	.0001931	.0006560	.653565	.0123192	.0144979
%RSD	624.3587	25.58830	101.1410	478.7407	460.1251	327.9484	74.74991
#1	-.002332	-.056710	.0001211	.0008944	.493344	.0091428	.0108179
#2	.004060	-.037602	.0004091	-.000247	-.107082	.0124651	.0112335
#3	-.003721	-.063601	.0000424	-.000237	-.812384	-.010339	.0361343

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.440590	-.000610	.0142901	.0001556	.0010289	.0010237	-.000000
Stddev	.172970	.001837	.0003762	.0004758	.0027764	.0011473	.001427
%RSD	39.25875	301.2450	2.632247	305.8365	269.8422	112.0759	673906.5
#1	-.574526	.001116	.0138659	.0002431	-.001203	.0022339	.001339
#2	-.245308	-.002541	.0144215	.0005815	.004138	-.000048	-.001502
#3	-.501936	-.000405	.0145829	-.000358	.000152	.000885	.000162

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: CCB051 Acquired: 12/17/2024 20:52:24 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: CCB051 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	-.006835	.0001885	.0003107
Stddev	.006183	.0004168	.0091522
%RSD	90.46437	221.0700	2945.631
#1	-.011364	.0006470	.0105674
#2	-.009350	.0000859	-.002612
#3	.000209	-.000167	-.007023

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1862.281	22907.81	1167.235	1595.851	2464.100
Stddev	2.091	178.76	15.020	12.842	2.253
%RSD	.1122609	.7803240	1.286805	.8046832	.0914451
#1	1864.287	22720.23	1166.642	1582.010	2466.298
#2	1862.440	23076.19	1182.543	1607.378	2464.208
#3	1860.115	22927.00	1152.520	1598.166	2461.795

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: P5060-07 Acquired: 12/17/2024 20:56:26 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHKY8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0866757	-.031565	.3649967	.0542489	.0235825	75.74481	.8698471
Stddev	.0042815	.003199	.0016217	.0074062	.0020269	1.51218	.0178549
%RSD	4.939633	10.13344	.4443011	13.65235	8.595086	1.996419	2.052644
#1	.0887268	-.031231	.3667265	.0500584	.0234863	74.71242	.8575007
#2	.0817546	-.034918	.3635108	.0628003	.0216053	77.48057	.8903197
#3	.0895458	-.028547	.3647528	.0498880	.0256558	75.04145	.8617210

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0089461	.0034843	161.7951	.1077330	.1202574	.2512517	161.6703
Stddev	.0001608	.0002285	3.6753	.0017910	.0004820	.0089140	3.1669
%RSD	1.797078	6.557241	2.271572	1.662444	.4008305	3.547848	1.958854
#1	.0088796	.0037333	159.7903	.1093242	.1208137	.2428969	159.5475
#2	.0091295	.0032844	166.0368	.1057934	.1199950	.2606356	165.3103
#3	.0088293	.0034351	159.5582	.1080816	.1199634	.2502227	160.1530

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.476065	55.15743	.1967160	.0029988	.5579432	.1688195	.4820533
Stddev	.158075	1.02592	.0010486	.0009748	.5240842	.0106432	.0225103
%RSD	2.114409	1.859978	.5330569	32.50483	93.93146	6.304494	4.669662
#1	7.378946	54.57994	.1979198	.0021072	1.162305	.1754012	.4808166
#2	7.658466	56.34193	.1962271	.0040395	.282670	.1745169	.4601869
#3	7.390783	54.55042	.1960011	.0028496	.228854	.1565404	.5051565

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.639046	7.357969	-.006243	.0038080	3.002347	8.977132	.0383947
Stddev	.165156	.027130	.004353	.0003920	.008679	.142193	.0009312
%RSD	2.487643	.3687111	69.71516	10.29498	.2890785	1.583945	2.425349
#1	6.561451	7.380478	-.008851	.0038841	3.007565	8.893559	.0391290
#2	6.828710	7.365584	-.008660	.0033835	3.007147	9.141314	.0387079
#3	6.526977	7.327846	-.001219	.0041564	2.992328	8.896525	.0373473

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: P5060-07 Acquired: 12/17/2024 20:56:26 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHKY8 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	1.199958	.1814674	.1288086
Stddev	.027102	.0032215	.0035542
%RSD	2.258586	1.775230	2.759309
#1	1.179834	.1792298	.1247918
#2	1.230775	.1851597	.1315460
#3	1.189264	.1800128	.1300880

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2288.649	28073.08	1443.064	1958.982	2345.844
Stddev	6.230	108.20	20.629	4.108	6.144
%RSD	.2721982	.3854222	1.429527	.2097213	.2618902
#1	2284.274	27966.35	1452.674	1956.028	2339.843
#2	2285.891	28182.69	1419.383	1963.674	2345.566
#3	2295.782	28070.21	1457.133	1957.245	2352.121

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: P5060-08 Acquired: 12/17/2024 21:00:16 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHKY9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1313002	-.048327	.7959849	.0695633	.0302613	79.36924
Stddev	.0023692	.004060	.0021918	.0031595	.0028301	.77316
%RSD	1.804380	8.400203	.2753526	4.541887	9.352278	.9741307
#1	.1313642	-.052108	.7982472	.0706126	.0270433	79.75506
#2	.1288997	-.048837	.7958363	.0660126	.0323631	79.87357
#3	.1336367	-.044037	.7938712	.0720646	.0313775	78.47910

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.242435	.0088068	.0053259	68.10571	.1198109	.1190477
Stddev	.011954	.0001617	.0000742	.76210	.0010867	.0002250
%RSD	.9621203	1.835719	1.392637	1.118991	.9070195	.1889773
#1	1.247713	.0089423	.0053189	68.41577	.1210491	.1190994
#2	1.250842	.0086279	.0052555	68.66391	.1190156	.1192424
#3	1.228751	.0088503	.0054034	67.23746	.1193679	.1188014

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2236271	180.7655	8.701339	30.61731	.1714822	.0043695
Stddev	.0148233	1.6367	.097028	.49468	.0005574	.0002558
%RSD	6.628573	.9054301	1.115097	1.615689	.3250460	5.854226
#1	.2374337	181.6365	8.750556	30.71146	.1721156	.0042506
#2	.2254852	181.7827	8.763896	31.05814	.1712646	.0046631
#3	.2079623	178.8775	8.589565	30.08232	.1710665	.0041947

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8296906	.1942894	.6933580	8.617750	F 11.00663	-.014409
Stddev	.3224790	.0071539	.0059507	.270123	.02176	.002678
%RSD	38.86738	3.682068	.8582461	3.134500	.1977130	18.58815
#1	.4579963	.1893049	.6908828	8.528746	11.00961	-.012495
#2	1.034908	.1910768	.7001468	8.921145	10.98353	-.017470
#3	.996167	.2024863	.6890444	8.403360	11.02674	-.013261

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: P5060-08 Acquired: 12/17/2024 21:00:16 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHKY9 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0044619	2.319029	8.058153	.0590130	1.043208	-.000791
Stddev	.0003206	.002872	.043075	.0018709	.010253	.000133
%RSD	7.185800	.1238634	.5345476	3.170318	.9828189	16.79331
#1	.0047302	2.320337	8.097445	.0578616	1.048283	-.000765
#2	.0045488	2.315736	8.064917	.0611717	1.049933	-.000935
#3	.0041068	2.321015	8.012097	.0580056	1.031407	-.000673

Elem	Li6707
Units	ppm
Avg	.1250513
Stddev	.0028990
%RSD	2.318273
#1	.1240587
#2	.1283162
#3	.1227789

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2373.610	29208.47	1497.580	2034.776	2431.195
Stddev	7.643	70.63	9.459	7.926	8.867
%RSD	.3220152	.2418096	.6316137	.3895110	.3646983
#1	2378.271	29129.31	1490.972	2025.624	2437.877
#2	2377.770	29265.04	1493.353	2039.339	2434.572
#3	2364.789	29231.05	1508.416	2039.365	2421.136

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: P5060-09 Acquired: 12/17/2024 21:04:06 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHKZ0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1702470	-.047595	.5818381	.0701130	.0312009	71.77133
Stddev	.0014587	.004283	.0047396	.0039794	.0014568	.41999
%RSD	.8568207	8.998038	.8145881	5.675727	4.669040	.5851843
#1	.1712857	-.046054	.5825651	.0656404	.0321726	71.71764
#2	.1685793	-.052435	.5767770	.0714365	.0319042	72.21558
#3	.1708760	-.044297	.5861722	.0732620	.0295259	71.38075

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.295620	.0083203	.0054284	43.74309	.1076416	.1065450
Stddev	.006804	.0001035	.0000410	.19083	.0011084	.0002220
%RSD	.5251570	1.243942	.7546224	.4362567	1.029716	.2083712
#1	1.296330	.0082858	.0054201	43.79804	.1082266	.1066577
#2	1.302041	.0084367	.0054728	43.90041	.1083349	.1062892
#3	1.288488	.0082385	.0053921	43.53081	.1063632	.1066880

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1788098	174.7576	10.14111	21.27540	.1421642	.0050565
Stddev	.0081703	.9519	.06404	.18978	.0005320	.0003189
%RSD	4.569269	.5446874	.6314478	.8920279	.3742528	6.306153
#1	.1751294	174.5670	10.12190	21.28138	.1425849	.0052059
#2	.1881729	175.7904	10.21255	21.46212	.1415662	.0046903
#3	.1731270	173.9155	10.08888	21.08270	.1423416	.0052732

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6158204	.1805255	.5740711	8.197207	F 10.88291	-.017666
Stddev	.3482302	.0132733	.0193224	.218763	.01811	.001610
%RSD	56.54736	7.352599	3.365854	2.668753	.1663858	9.111973
#1	.6093301	.1955904	.5963815	8.214780	10.88554	-.016151
#2	.9672504	.1705501	.5631075	8.406653	10.86363	-.017491
#3	.2708808	.1754361	.5627241	7.970187	10.89956	-.019357

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: P5060-09 Acquired: 12/17/2024 21:04:06 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHKZ0 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0043580	2.114488	8.866398	.0503166	.6822303	-.007297
Stddev	.0003178	.014720	.053766	.0010478	.0073520	.000446
%RSD	7.291726	.6961680	.6063973	2.082373	1.077642	6.117032
#1	.0040130	2.127362	8.827104	.0515168	.6859929	-.007134
#2	.0044221	2.098439	8.927671	.0495843	.6869396	-.006956
#3	.0046388	2.117664	8.844419	.0498487	.6737586	-.007802

Elem	Li6707
Units	ppm
Avg	.1004990
Stddev	.0032826
%RSD	3.266347
#1	.0983857
#2	.1042807
#3	.0988305

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2367.162	28885.70	1482.094	2010.107	2483.885
Stddev	2.277	129.64	8.063	13.786	2.431
%RSD	.0962035	.4487902	.5440216	.6858336	.0978693
#1	2365.985	28746.49	1487.265	1994.459	2483.303
#2	2369.787	28907.64	1472.804	2015.397	2486.555
#3	2365.715	29002.96	1486.214	2020.464	2481.798

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: P5060-10 Acquired: 12/17/2024 21:07:57 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHKZ1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1240488	-.065298	.2375002	.0825917	.0324002	85.36184	1.257922
Stddev	.0035832	.005709	.0007899	.0014978	.0009805	.41227	.004197
%RSD	2.888571	8.742209	.3325778	1.813524	3.026166	.4829683	.3336592
#1	.1238373	-.071361	.2375149	.0843193	.0331672	85.77402	1.261736
#2	.1205761	-.064508	.2367030	.0817981	.0312955	84.94948	1.253425
#3	.1277332	-.060027	.2382826	.0816576	.0327379	85.36203	1.258605

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0090125	.0052254	36.38829	.1195876	.1155976	.1527667	195.1544
Stddev	.0002227	.0001673	.21896	.0004733	.0011967	.0049599	.9489
%RSD	2.471140	3.201928	.6017312	.3957674	1.035274	3.246741	.4862444
#1	.0092631	.0051037	36.63160	.1190456	.1145941	.1493315	196.2463
#2	.0089372	.0054162	36.32617	.1197980	.1169222	.1584530	194.6881
#3	.0088372	.0051563	36.20710	.1199191	.1152767	.1505156	194.5289

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.25020	25.05749	.1663419	.0052733	1.065894	.1986105	.4344222
Stddev	.04626	.07835	.0008115	.0008449	.670353	.0080111	.0179521
%RSD	.4513569	.3126837	.4878208	16.02157	62.89112	4.033550	4.132412
#1	10.30162	25.11110	.1656701	.0061249	.820083	.1966084	.4302079
#2	10.23703	25.09380	.1661121	.0044353	.553146	.1917904	.4189521
#3	10.21194	24.96757	.1672435	.0052598	1.824453	.2074327	.4541066

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.056538	9.526753	-.026534	.0035646	1.376174	8.169108	.0319202
Stddev	.037079	.051637	.002481	.0002884	.008677	.100021	.0020161
%RSD	.6122106	.5420203	9.348682	8.091536	.6305454	1.224378	6.315971
#1	6.044915	9.467161	-.026612	.0038851	1.367944	8.276244	.0301342
#2	6.098035	9.554839	-.024015	.0033260	1.375340	8.152898	.0315199
#3	6.026663	9.558260	-.028974	.0034826	1.385238	8.078182	.0341063

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: P5060-10 Acquired: 12/17/2024 21:07:57 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHKZ1 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.6956031	-.048588	.1239820
Stddev	.0027811	.000611	.0049999
%RSD	.3998101	1.257913	4.032759
#1	.6944428	-.049161	.1297191
#2	.6935901	-.047945	.1216731
#3	.6987765	-.048659	.1205538

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2378.612	29213.15	1499.191	2030.775	2417.387
Stddev	3.921	84.62	16.722	7.522	5.706
%RSD	.1648234	.2896596	1.115402	.3704075	.2360459
#1	2382.085	29194.13	1479.907	2024.576	2423.717
#2	2374.361	29305.66	1507.995	2039.144	2412.637
#3	2379.391	29139.65	1509.672	2028.605	2415.807

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: P5060-11 Acquired: 12/17/2024 21:11:48 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHKZ2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1108897	-.061867	.2076658	.0838500	.0343442	72.25265
Stddev	.0044120	.011063	.0015292	.0067727	.0025286	.42604
%RSD	3.978705	17.88255	.7363553	8.077136	7.362558	.5896566
#1	.1071051	-.049294	.2078262	.0908521	.0372346	72.62434
#2	.1098285	-.066193	.2060627	.0833651	.0332567	71.78770
#3	.1157355	-.070114	.2091084	.0773328	.0325413	72.34590

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.024447	.0080810	.0042747	51.33842	.1125173	.1254186
Stddev	.004134	.0001239	.0001672	.28428	.0006199	.0005826
%RSD	.4035631	1.533213	3.910282	.5537354	.5508923	.4645555
#1	1.028825	.0079880	.0040838	51.65674	.1130594	.1257137
#2	1.020609	.0082217	.0043946	51.10983	.1118415	.1247475
#3	1.023907	.0080334	.0043458	51.24870	.1126510	.1257948

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1453709	209.8686	10.95438	36.24223	.1992526	.0045482
Stddev	.0025923	.9293	.04275	.28129	.0007837	.0002672
%RSD	1.783220	.4428005	.3902782	.7761453	.3933150	5.874767
#1	.1442666	210.9395	11.00213	36.48314	.1998456	.0044168
#2	.1435136	209.2746	10.91967	36.31044	.1983641	.0043721
#3	.1483325	209.3916	10.94133	35.93310	.1995481	.0048556

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8759994	.2068846	.5252544	5.209684	F 11.28506	-.031793
Stddev	.1234419	.0130416	.0105713	.206045	.03886	.003394
%RSD	14.09155	6.303811	2.012605	3.955042	.3443899	10.67657
#1	.8381003	.1992308	.5180745	5.381124	11.27011	-.034716
#2	1.013947	.2219431	.5202951	4.981098	11.25589	-.032593
#3	.775950	.1994800	.5373935	5.266831	11.32918	-.028070

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: P5060-11 Acquired: 12/17/2024 21:11:48 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHKZ2 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0034470	.8388579	7.632691	.0297784	.7900725	-.061554
Stddev	.0001074	.0044803	.071316	.0004648	.0019122	.000930
%RSD	3.114941	.5340981	.9343518	1.560942	.2420331	1.511233
#1	.0033329	.8350347	7.709733	.0300365	.7907116	-.062395
#2	.0035461	.8437879	7.619358	.0300568	.7879226	-.061711
#3	.0034620	.8377511	7.568982	.0292418	.7915834	-.060555

Elem	Li6707
Units	ppm
Avg	.1141309
Stddev	.0017758
%RSD	1.555925
#1	.1160699
#2	.1125837
#3	.1137391

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2442.464	30131.28	1554.103	2097.176	2417.796
Stddev	12.094	173.58	8.908	11.184	10.725
%RSD	.4951469	.5760921	.5731976	.5333030	.4435851
#1	2450.112	30094.52	1543.932	2090.989	2424.261
#2	2448.759	30320.30	1557.856	2110.087	2423.711
#3	2428.521	29979.02	1560.519	2090.452	2405.416

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: P5060-12 Acquired: 12/17/2024 21:15:39 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHL56 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1190622	-.026896	1.558902	.0543380	.0241335	64.51443
Stddev	.0008056	.006000	.004005	.0024313	.0021184	.30372
%RSD	.6766574	22.30899	.2569220	4.474357	8.777749	.4707858
#1	.1182508	-.024978	1.560544	.0529538	.0218599	64.31463
#2	.1198620	-.033621	1.554337	.0571453	.0260518	64.36473
#3	.1190738	-.022089	1.561825	.0529148	.0244889	64.86395

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.519850	.0083080	.0091065	190.7505	.1705035	.1227207
Stddev	.009168	.0001196	.0000949	.6130	.0000974	.0009870
%RSD	.6032168	1.439728	1.042107	.3213508	.0571540	.8042624
#1	1.514320	.0082506	.0090058	190.5205	.1704206	.1217231
#2	1.514798	.0082280	.0091194	190.2858	.1706108	.1227423
#3	1.530433	.0084455	.0091942	191.4452	.1704790	.1236967

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3673518	162.7389	9.131484	38.13220	.1933235	.0058360
Stddev	.0026563	.3557	.025899	.07619	.0007717	.0016167
%RSD	.7231036	.2185519	.2836202	.1997962	.3991848	27.70199
#1	.3702476	162.8269	9.115376	38.05614	.1928249	.0040239
#2	.3650282	162.3475	9.117719	38.13196	.1929332	.0063536
#3	.3667797	163.0424	9.161359	38.20851	.1942124	.0071306

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3672031	.1836720	1.725936	12.61374	F 17.44874	.0163150
Stddev	.4449748	.0058407	.005527	.15904	.07467	.0009182
%RSD	121.1795	3.179970	.3202576	1.260834	.4279520	5.628170
#1	.6406805	.1832416	1.719985	12.66121	17.38859	.0165174
#2	-.146245	.1897160	1.730909	12.43638	17.42532	.0171152
#3	.607174	.1780584	1.726914	12.74364	17.53232	.0153125

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: P5060-12 Acquired: 12/17/2024 21:15:39 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHL56 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0082617	5.631111	8.777679	.1370254	.6650911	.1795889
Stddev	.0004246	.037532	.049284	.0016704	.0034093	.0005745
%RSD	5.139509	.6665166	.5614733	1.219019	.5126122	.3198710
#1	.0085394	5.594703	8.766116	.1373003	.6690069	.1794636
#2	.0084728	5.628956	8.735205	.1352346	.6627824	.1790875
#3	.0077729	5.669674	8.831717	.1385413	.6634839	.1802157

Elem	Li6707
Units	ppm
Avg	.1002654
Stddev	.0025667
%RSD	2.559892
#1	.1025675
#2	.1007309
#3	.0974978

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2261.314	27643.27	1444.755	1922.838	2373.087
Stddev	2.935	95.82	8.872	10.565	6.785
%RSD	.1297965	.3466339	.6141178	.5494496	.2859005
#1	2259.888	27624.69	1448.953	1923.460	2374.547
#2	2264.689	27558.11	1450.749	1911.976	2379.022
#3	2259.364	27747.03	1434.562	1933.078	2365.691

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: P5060-13 Acquired: 12/17/2024 21:19:29 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHL57 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0964488	-.069029	.1916517	.0837544	.0347823	73.00416
Stddev	.0042117	.003137	.0023519	.0078436	.0015733	.50189
%RSD	4.366804	4.544926	1.227193	9.365042	4.523170	.6874763
#1	.1012075	-.069539	.1940451	.0911460	.0337621	73.28373
#2	.0932005	-.065668	.1893436	.0845914	.0365942	73.30401
#3	.0949386	-.071880	.1915663	.0755258	.0339906	72.42475

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9248308	.0084476	.0035532	49.44171	.1178484	.1187593
Stddev	.0044190	.0000993	.0001239	.29928	.0019819	.0008601
%RSD	.4778205	1.175395	3.486348	.6053143	1.681734	.7242288
#1	.9258909	.0084431	.0034360	49.46251	.1199717	.1182213
#2	.9286234	.0085491	.0036828	49.73005	.1160475	.1197513
#3	.9199782	.0083507	.0035406	49.13258	.1175259	.1183054

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1352913	201.6340	7.604644	34.53670	.1928662	.0042017
Stddev	.0049509	.7797	.038268	.28722	.0016974	.0002352
%RSD	3.659418	.3867012	.5032145	.8316278	.8800885	5.597969
#1	.1355945	202.1526	7.619534	34.72792	.1921844	.0043686
#2	.1400836	202.0121	7.633228	34.67576	.1916157	.0043039
#3	.1301957	200.7373	7.561169	34.20642	.1947985	.0039327

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.326818	.2106337	.4575780	4.791088	F 10.58249	-.040637
Stddev	.678844	.0153251	.0052600	.157212	.05940	.002852
%RSD	51.16328	7.275693	1.149530	3.281348	.5612760	7.018904
#1	2.052881	.2283038	.4523124	4.927109	10.54386	-.043918
#2	.707948	.2026252	.4575892	4.827189	10.55273	-.039238
#3	1.219625	.2009721	.4628324	4.618965	10.65088	-.038754

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: P5060-13 Acquired: 12/17/2024 21:19:29 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHL57 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0027310	.8139531	6.883761	.0267726	.7667301	.0124368
Stddev	.0004361	.0072575	.042822	.0008610	.0026261	.0002898
%RSD	15.96917	.8916326	.6220786	3.216066	.3425054	2.330157
#1	.0022935	.8056153	6.910278	.0258469	.7653140	.0124210
#2	.0031658	.8188515	6.906646	.0275496	.7697603	.0127343
#3	.0027338	.8173924	6.834358	.0269213	.7651160	.0121553

Elem	Li6707
Units	ppm
Avg	.1152149
Stddev	.0032992
%RSD	2.863502
#1	.1115388
#2	.1179187
#3	.1161873

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2388.834	29391.87	1504.563	2050.896	2412.091
Stddev	6.470	242.43	6.714	15.941	9.883
%RSD	.2708304	.8248110	.4462331	.7772723	.4097319
#1	2390.670	29354.60	1500.691	2046.104	2416.816
#2	2394.187	29650.77	1500.682	2068.683	2418.725
#3	2381.645	29170.23	1512.315	2037.900	2400.733

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: P5060-14 Acquired: 12/17/2024 21:23:20 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHKX1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1014522	-.025289	.2160163	.0400439	.0207889	41.54582
Stddev	.0073360	.003135	.0039946	.0037447	.0018948	.06530
%RSD	7.230971	12.39584	1.849200	9.351363	9.114710	.1571692
#1	.0997844	-.024255	.2205253	.0428889	.0228253	41.56328
#2	.1094785	-.028811	.2129202	.0414414	.0190777	41.47356
#3	.0950938	-.022803	.2146035	.0358015	.0204637	41.60060

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3834429	.0066391	.0041766	F 1278.534	.0631000	.1500534
Stddev	.0010254	.0001274	.0001568	3.104	.0014425	.0003065
%RSD	.2674211	1.918516	3.753307	.2427851	2.286006	.2042610
#1	.3846081	.0065807	.0040494	1275.325	.0621717	.1503463
#2	.3830425	.0067852	.0043517	1278.755	.0623665	.1497349
#3	.3826781	.0065513	.0041287	1281.522	.0647618	.1500790

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3089883	189.0606	9.169113	164.4113	.1575154	.0032624
Stddev	.0049089	.3222	.005166	.6775	.0025642	.0010735
%RSD	1.588711	.1704332	.0563398	.4121023	1.627897	32.90323
#1	.3137228	188.9524	9.167898	164.0200	.1604418	.0040945
#2	.3093202	189.4230	9.174778	165.1936	.1564424	.0036421
#3	.3039218	188.8064	9.164663	164.0202	.1556620	.0020508

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.521141	.1679401	.5127987	7.924419	6.705163	.0042417
Stddev	.442049	.0059144	.0228364	.381291	.023667	.0010244
%RSD	29.06033	3.521735	4.453283	4.811599	.3529651	24.15067
#1	1.294824	.1616979	.5183577	7.781420	6.718377	.0039268
#2	2.030522	.1734605	.5323424	8.356538	6.677839	.0053866
#3	1.238077	.1686620	.4876961	7.635298	6.719271	.0034117

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: P5060-14 Acquired: 12/17/2024 21:23:20 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHKX1 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0022917	1.390758	5.694857	.0362613	1.989022	1.154098
Stddev	.0004868	.006256	.015320	.0012572	.009691	.002450
%RSD	21.24361	.4498611	.2690220	3.466921	.4872057	.2123222
#1	.0017310	1.397085	5.681722	.0376140	1.982633	1.152744
#2	.0026066	1.384575	5.711687	.0360410	2.000172	1.156926
#3	.0025375	1.390613	5.691161	.0351288	1.984261	1.152623

Elem	Li6707
Units	ppm
Avg	.1510577
Stddev	.0035283
%RSD	2.335753
#1	.1506567
#2	.1477470
#3	.1547694

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2071.685	25495.30	1375.213	1768.764	2030.628
Stddev	4.784	57.88	4.401	5.257	9.346
%RSD	.2309348	.2270078	.3199960	.2972251	.4602731
#1	2067.750	25537.55	1380.288	1774.321	2022.348
#2	2077.010	25519.02	1372.902	1763.869	2040.762
#3	2070.295	25429.33	1372.451	1768.101	2028.773

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: P5060-15 Acquired: 12/17/2024 21:27:10 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHKX2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0715760	-.029747	1.180117	.0493705	.0215971	59.10599
Stddev	.0025317	.002226	.005862	.0031789	.0008867	.26901
%RSD	3.537079	7.482012	.4967718	6.438760	4.105599	.4551235
#1	.0729730	-.030899	1.173862	.0496154	.0205865	59.41553
#2	.0686536	-.027182	1.181002	.0524198	.0222448	58.92886
#3	.0731015	-.031161	1.185486	.0460763	.0219599	58.97356

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.283302	.0077216	.0079875	166.9188	.1191409	.1012534
Stddev	.004400	.0001726	.0000789	.5643	.0002323	.0004598
%RSD	.3428989	2.235153	.9875524	.3380867	.1949436	.4540784
#1	1.287810	.0078958	.0079243	167.5696	.1193032	.1008487
#2	1.279018	.0077182	.0080759	166.5639	.1188748	.1017534
#3	1.283078	.0075507	.0079622	166.6230	.1192446	.1011583

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2276529	147.7480	4.200270	54.56205	.1748767	.0035040
Stddev	.0095826	.6199	.024853	.04264	.0003367	.0005688
%RSD	4.209288	.4195517	.5916982	.0781430	.1925280	16.23383
#1	.2166850	148.4368	4.228916	54.60632	.1745921	.0029153
#2	.2318703	147.2350	4.184455	54.52127	.1747896	.0040507
#3	.2344034	147.5721	4.187439	54.55855	.1752483	.0035460

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.282319	.1659092	1.743001	10.48079	F 14.93208	.0190907
Stddev	.531252	.0076937	.019143	.09313	.01699	.0047173
%RSD	41.42902	4.637314	1.098265	.8885815	.1137698	24.70985
#1	1.104893	.1599311	1.746936	10.55890	14.91928	.0221778
#2	1.879578	.1745895	1.722196	10.50574	14.92560	.0214338
#3	.862487	.1632071	1.759870	10.37772	14.95135	.0136606

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: P5060-15 Acquired: 12/17/2024 21:27:10 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHKX2 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0067021	5.318237	8.649982	.0824073	.8261009	.1295687
Stddev	.0005464	.017286	.083949	.0011271	.0037046	.0006802
%RSD	8.152171	.3250350	.9705131	1.367674	.4484435	.5249300
#1	.0067830	5.300099	8.741917	.0836743	.8279705	.1293239
#2	.0072035	5.334522	8.577398	.0815162	.8218340	.1290449
#3	.0061198	5.320091	8.630631	.0820315	.8284981	.1303374

Elem	Li6707
Units	ppm
Avg	.1183463
Stddev	.0037883
%RSD	3.200984
#1	.1183614
#2	.1145505
#3	.1221270

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2194.315	26860.14	1378.956	1872.535	2332.509
Stddev	1.270	217.10	7.642	17.473	2.192
%RSD	.0578671	.8082630	.5542040	.9331049	.0939785
#1	2193.038	27059.05	1370.155	1890.445	2332.232
#2	2194.329	26628.55	1382.798	1855.536	2330.468
#3	2195.578	26892.84	1383.915	1871.623	2334.826

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: P5060-16 Acquired: 12/17/2024 21:30:59 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHKX3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0935399	-.037056	5.297514	.0528424	.0272047	64.33047
Stddev	.0044159	.008952	.016764	.0051160	.0009919	.14724
%RSD	4.720918	24.15733	.3164578	9.681716	3.646095	.2288734
#1	.0935985	-.029337	5.293231	.0568814	.0260621	64.16960
#2	.0890950	-.046870	5.283307	.0470894	.0277073	64.36326
#3	.0979263	-.034962	5.316005	.0545562	.0278448	64.45855

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.559362	.0085823	.0094143	162.0585	.1360201	.1111244
Stddev	.003016	.0001494	.0001394	.6038	.0006599	.0003508
%RSD	.1934393	1.740306	1.480918	.3725676	.4851252	.3156985
#1	1.556033	.0087370	.0094106	161.4160	.1362685	.1113869
#2	1.561914	.0085710	.0092768	162.1454	.1365197	.1107259
#3	1.560139	.0084389	.0095555	162.6141	.1352721	.1112602

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2606107	168.4276	5.001979	51.50786	.1902930	.0062672
Stddev	.0050153	.0905	.007416	.27077	.0008831	.0008278
%RSD	1.924433	.0537296	.1482647	.5256782	.4640601	13.20848
#1	.2661867	168.4203	4.993431	51.66758	.1894882	.0056299
#2	.2591772	168.5215	5.005808	51.19523	.1901532	.0059688
#3	.2564683	168.3410	5.006697	51.66077	.1912377	.0072028

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.047657	.2016438	1.794781	8.720087	F 16.71813	-.010100
Stddev	.532733	.0070072	.027394	.121824	.06358	.002678
%RSD	50.84993	3.475013	1.526288	1.397055	.3802780	26.51498
#1	.446829	.2062041	1.764136	8.793295	16.71229	-.011697
#2	1.233798	.2051519	1.816893	8.787510	16.65768	-.007008
#3	1.462344	.1935755	1.803313	8.579456	16.78443	-.011595

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: P5060-16 Acquired: 12/17/2024 21:30:59 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHKX3 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0068623	4.255902	8.976562	.1083639	.8403844	.1324799
Stddev	.0003617	.033514	.074941	.0015441	.0047634	.0009566
%RSD	5.271457	.7874690	.8348567	1.424899	.5668167	.7220972
#1	.0069760	4.245543	9.062710	.1101460	.8447322	.1322712
#2	.0064573	4.228791	8.940562	.1075199	.8352928	.1335236
#3	.0071535	4.293373	8.926413	.1074258	.8411281	.1316448

Elem	Li6707
Units	ppm
Avg	.1250157
Stddev	.0034340
%RSD	2.746830
#1	.1218472
#2	.1286645
#3	.1245354

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2237.878	27413.66	1423.316	1915.724	2336.823
Stddev	3.254	88.97	7.767	4.381	1.256
%RSD	.1454233	.3245603	.5456658	.2287066	.0537427
#1	2238.300	27470.73	1415.142	1920.676	2338.061
#2	2234.433	27311.14	1424.208	1912.350	2335.550
#3	2240.901	27459.11	1430.598	1914.145	2336.856

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: P5060-17 Acquired: 12/17/2024 21:34:49 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHKX4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0995832	-.038126	1.295826	.0560532	.0220599	72.86834
Stddev	.0044940	.004243	.004028	.0057070	.0013620	.82040
%RSD	4.512846	11.12951	.3108738	10.18136	6.174124	1.125863
#1	.0945726	-.033838	1.292471	.0533375	.0211855	72.16797
#2	.1032578	-.042323	1.300294	.0626108	.0236292	73.77094
#3	.1009190	-.038218	1.294713	.0522111	.0213651	72.66612

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.486022	.0088826	.0079274	148.6202	.1402818	.1102446
Stddev	.016060	.0000791	.0000445	1.5461	.0010606	.0007627
%RSD	1.080751	.8906962	.5615547	1.040302	.7560691	.6918362
#1	1.471317	.0089688	.0079059	147.5408	.1391806	.1100195
#2	1.503160	.0088660	.0078977	150.3914	.1412966	.1110945
#3	1.483591	.0088132	.0079786	147.9285	.1403682	.1096198

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2285674	164.7952	4.670743	49.05892	.1783041	.0046959
Stddev	.0059965	1.6545	.043401	.51955	.0009041	.0012170
%RSD	2.623498	1.003953	.9292152	1.059037	.5070304	25.91629
#1	.2350115	163.2377	4.631609	48.60259	.1777410	.0033053
#2	.2231516	166.5320	4.717422	49.62436	.1793470	.0055665
#3	.2275390	164.6157	4.663197	48.94981	.1778245	.0052159

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3668881	.1994311	1.345287	8.004649	F 16.26677	-.009207
Stddev	.8039065	.0029090	.013015	.157461	.07716	.001183
%RSD	219.1149	1.458648	.9674418	1.967121	.4743485	12.84625
#1	-.537260	.1999680	1.340559	7.962689	16.24625	-.010286
#2	1.001042	.2020342	1.335297	7.872418	16.35213	-.007942
#3	.636882	.1962910	1.360005	8.178839	16.20195	-.009392

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: P5060-17 Acquired: 12/17/2024 21:34:49 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHKX4 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0048307	3.266835	7.877146	.2049460	.8164011	.1168517
Stddev	.0005201	.021867	.063621	.0032468	.0125079	.0015552
%RSD	10.76752	.6693574	.8076616	1.584210	1.532076	1.330946
#1	.0050459	3.248860	7.804112	.2074558	.8057740	.1162964
#2	.0042375	3.291179	7.906802	.2061030	.8301849	.1186084
#3	.0052086	3.260465	7.920525	.2012792	.8132444	.1156503

Elem	Li6707
Units	ppm
Avg	.1545653
Stddev	.0067274
%RSD	4.352473
#1	.1476185
#2	.1610494
#3	.1550281

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2323.099	28276.71	1466.268	1983.093	2390.955
Stddev	4.377	143.06	10.724	12.334	9.251
%RSD	.1883934	.5059276	.7313828	.6219396	.3869321
#1	2323.228	28335.20	1478.293	1984.506	2388.807
#2	2318.659	28113.67	1457.693	1970.114	2382.967
#3	2327.410	28381.24	1462.819	1994.659	2401.092

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: P5060-18 Acquired: 12/17/2024 21:38:39 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHKX6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0382599	.0121063	.2034588	.0044932	.0058533	40.82105
Stddev	.0056514	.0042962	.0015005	.0034054	.0006114	.21384
%RSD	14.77100	35.48710	.7374997	75.79021	10.44497	.5238506
#1	.0425431	.0166494	.2018465	.0006990	.0053341	41.06550
#2	.0318547	.0081094	.2037155	.0054958	.0065272	40.66863
#3	.0403820	.0115600	.2048144	.0072847	.0056986	40.72902

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3982105	.0046230	.0024038	F 936.6998	.0683892	.1045218
Stddev	.0025572	.0001932	.0002331	3.9800	.0020038	.0010027
%RSD	.6421808	4.178465	9.698065	.4248961	2.929999	.9593164
#1	.4008915	.0044000	.0021483	941.1397	.0679021	.1038498
#2	.3979416	.0047400	.0026050	933.4522	.0705916	.1040412
#3	.3957983	.0047290	.0024582	935.5076	.0666738	.1056743

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0758057	110.7613	4.286538	308.0870	.0987762	.0012343
Stddev	.0067369	.7202	.017727	.5619	.0006415	.0002255
%RSD	8.887089	.6502419	.4135440	.1823825	.6494942	18.27065
#1	.0789848	111.4654	4.306969	308.4635	.0994951	.0013591
#2	.0803649	110.7927	4.277399	308.3563	.0985716	.0009740
#3	.0680675	110.0260	4.275245	307.4411	.0982619	.0013698

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4331275	.1329271	.4807986	3.781512	F 22.65033	.0067993
Stddev	.7298788	.0041144	.0156332	.147940	.02253	.0020039
%RSD	168.5136	3.095193	3.251503	3.912181	.0994499	29.47207
#1	-.223876	.1289476	.4758363	3.876289	22.63406	.0080389
#2	1.218776	.1326697	.4983106	3.611042	22.64090	.0078715
#3	.304482	.1371642	.4682488	3.857205	22.67604	.0044874

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: P5060-18 Acquired: 12/17/2024 21:38:39 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHKX6 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0008852	1.570107	6.159789	.0302822	.5631187	.5118393
Stddev	.0002687	.005998	.043030	.0018830	.0022118	.0013879
%RSD	30.35418	.3820362	.6985582	6.218175	.3927816	.2711637
#1	.0006607	1.573876	6.200272	.0283020	.5618099	.5134190
#2	.0011829	1.563190	6.164495	.0320499	.5656724	.5112835
#3	.0008119	1.573255	6.114599	.0304948	.5618737	.5108155

Elem	Li6707
Units	ppm
Avg	.1397748
Stddev	.0035500
%RSD	2.539791
#1	.1396097
#2	.1434044
#3	.1363102

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2120.751	26629.23	1406.719	1830.878	1999.242
Stddev	8.168	592.31	4.273	42.330	3.840
%RSD	.3851522	2.224296	.3037618	2.312012	.1920510
#1	2111.425	26257.92	1401.811	1809.605	1995.147
#2	2126.635	26317.47	1409.617	1803.403	2002.762
#3	2124.193	27312.31	1408.728	1879.625	1999.817

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: P5060-19 Acquired: 12/17/2024 21:42:30 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHKX7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0313698	.0168006	.1263877	.0062093	.0058534	36.86795
Stddev	.0086122	.0085715	.0023244	.0019710	.0014077	.31769
%RSD	27.45373	51.01915	1.839124	31.74202	24.04877	.8616991
#1	.0396604	.0077405	.1253654	.0042956	.0072427	36.51591
#2	.0224686	.0247813	.1290481	.0082330	.0044281	37.13330
#3	.0319803	.0178799	.1247496	.0060994	.0058893	36.95464

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3642631	.0044440	.0025382	F 915.3370	.0669873	.1043720
Stddev	.0046638	.0000726	.0001846	8.7197	.0008471	.0013692
%RSD	1.280340	1.633110	7.273133	.9526172	1.264614	1.311848
#1	.3594197	.0043690	.0026856	905.7208	.0674635	.1032087
#2	.3646458	.0045139	.0023311	922.7294	.0674892	.1058809
#3	.3687237	.0044492	.0025978	917.5607	.0660093	.1040264

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0769899	116.8340	8.853817	151.9776	.1117812	.0026204
Stddev	.0067392	1.2920	.102958	1.1194	.0005506	.0005048
%RSD	8.753420	1.105874	1.162871	.7365539	.4926035	19.26371
#1	.0752722	115.3429	8.738656	150.7560	.1111517	.0020607
#2	.0844218	117.6206	8.936970	152.9541	.1121733	.0027591
#3	.0712758	117.5386	8.885825	152.2227	.1120186	.0030413

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9366580	.0959448	.4226445	5.825252	6.666893	.0042523
Stddev	.8965597	.0057752	.0075643	.284589	.034707	.0040687
%RSD	95.71900	6.019328	1.789759	4.885428	.5205864	95.68294
#1	1.941921	.0896547	.4189805	5.501890	6.631425	-.000086
#2	.648280	.1010080	.4176099	6.037611	6.700785	.007983
#3	.219773	.0971718	.4313431	5.936255	6.668468	.004859

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: P5060-19 Acquired: 12/17/2024 21:42:30 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHKX7 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000032	.8881812	6.028328	.0222429	.4586865	.4983532
Stddev	.000504	.0092548	.046146	.0020736	.0028351	.0035943
%RSD	1597.620	1.041999	.7654880	9.322411	.6181004	.7212416
#1	.000550	.8812699	5.978150	.0244054	.4583273	.4942872
#2	-.000322	.8986957	6.037888	.0220520	.4616842	.4996655
#3	-.000323	.8845780	6.068945	.0202715	.4560481	.5011071

Elem	Li6707
Units	ppm
Avg	.1269654
Stddev	.0036994
%RSD	2.913682
#1	.1254145
#2	.1242938
#3	.1311877

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2043.942	25221.61	1337.693	1737.264	2076.282
Stddev	5.401	123.61	10.105	9.448	12.045
%RSD	.2642501	.4901005	.7553743	.5438194	.5801201
#1	2049.964	25115.26	1348.858	1730.714	2087.892
#2	2039.526	25192.35	1329.178	1732.983	2063.845
#3	2042.336	25357.23	1335.042	1748.094	2077.110

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: P5060-20 Acquired: 12/17/2024 21:46:21 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHKX8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0477162	-.009178	.0965553	.0292505	.0132855	41.20106	.3518589
Stddev	.0011250	.002962	.0022524	.0037553	.0010131	.07160	.0005875
%RSD	2.357705	32.27601	2.332717	12.83835	7.625808	.1737802	.1669695
#1	.0465728	-.007730	.0991560	.0334523	.0123678	41.25139	.3523883
#2	.0477542	-.007218	.0952492	.0262218	.0131160	41.11909	.3512268
#3	.0488218	-.012586	.0952605	.0280774	.0143727	41.23270	.3519616

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0062239	.0030029	725.8353	.0770677	.1184010	.1081295	154.9002
Stddev	.0001127	.0001043	2.7309	.0003686	.0012040	.0139524	.5668
%RSD	1.810960	3.474814	.3762378	.4782916	1.016892	12.90339	.3659147
#1	.0062524	.0030214	726.9339	.0771881	.1194206	.0945073	155.5111
#2	.0060997	.0028905	722.7263	.0766540	.1170727	.1223901	154.3914
#3	.0063196	.0030968	727.8459	.0773611	.1187096	.1074912	154.7982

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.290981	71.15567	.1564057	.0022373	.7554293	.1333667	.4214803
Stddev	.029037	.34749	.0015158	.0001652	.4413854	.0065208	.0084980
%RSD	.3982551	.4883557	.9691160	7.383806	58.42842	4.889370	2.016232
#1	7.324498	71.54646	.1579850	.0023597	.4589054	.1295607	.4188220
#2	7.273457	71.03909	.1549626	.0023029	.5446978	.1408961	.4146293
#3	7.274988	70.88145	.1562695	.0020494	1.262685	.1296432	.4309898

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.618161	5.785629	.0042680	.0002133	.5984240	6.136997	.0275388
Stddev	.067915	.062534	.0012528	.0002200	.0068124	.059274	.0019729
%RSD	.7880453	1.080857	29.35373	103.1444	1.138389	.9658534	7.164196
#1	8.551766	5.816941	.0032960	.0000341	.6040389	6.204802	.0291729
#2	8.687501	5.713624	.0038261	.0001469	.5908455	6.095011	.0280964
#3	8.615218	5.826322	.0056818	.0004589	.6003878	6.111178	.0253470

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: P5060-20 Acquired: 12/17/2024 21:46:21 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHKX8 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.6055327	.3315973	.1266993
Stddev	.0102981	.0015481	.0029317
%RSD	1.700672	.4668596	2.313897
#1	.6027094	.3324073	.1298649
#2	.5969406	.3325722	.1261556
#3	.6169480	.3298122	.1240776

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2142.756	26568.54	1410.684	1841.741	2156.490
Stddev	16.268	89.04	9.176	8.619	19.213
%RSD	.7591898	.3351241	.6504468	.4680067	.8909265
#1	2135.357	26630.94	1400.104	1851.579	2146.158
#2	2161.408	26608.11	1416.469	1838.127	2178.658
#3	2131.503	26466.58	1415.478	1835.517	2144.654

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: P5060-21 Acquired: 12/17/2024 21:50:14 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHL58 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0593166	-.008224	.1308965	.0238262	.0132190	37.15581
Stddev	.0035795	.010836	.0016560	.0017655	.0002630	.12390
%RSD	6.034526	131.7708	1.265105	7.409734	1.989831	.3334680
#1	.0610558	.001087	.1292526	.0241388	.0135176	37.25088
#2	.0551999	-.005640	.1308724	.0254144	.0130214	37.20087
#3	.0616942	-.020118	.1325643	.0219253	.0131181	37.01568

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3817379	.0053553	.0032157	F 971.1770	.0627936	.1081800
Stddev	.0017628	.0001095	.0001008	3.8294	.0010101	.0011011
%RSD	.4617919	2.044434	3.134322	.3943036	1.608622	1.017852
#1	.3835942	.0054733	.0033156	972.5733	.0616273	.1081509
#2	.3815331	.0053355	.0031140	974.1122	.0633662	.1070937
#3	.3800864	.0052570	.0032177	966.8453	.0633873	.1092954

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2051830	153.8590	7.492947	180.1566	.1185166	.0030032
Stddev	.0028147	.3190	.000442	.5958	.0009637	.0001476
%RSD	1.371807	.2073506	.0058989	.3307281	.8131459	4.915368
#1	.2078023	153.6507	7.493388	179.9504	.1184245	.0031590
#2	.2055397	154.2263	7.492504	180.8281	.1195230	.0029851
#3	.2022069	153.7001	7.492947	179.6912	.1176022	.0028654

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7848771	.1501446	.5234795	1.557284	7.376598	-.009993
Stddev	.3101994	.0071238	.0077415	.077826	.027312	.000807
%RSD	39.52203	4.744604	1.478853	4.997578	.3702574	8.070340
#1	.9455897	.1564577	.5188512	1.639864	7.382944	-.010238
#2	.4272985	.1515549	.5324167	1.485296	7.346671	-.009093
#3	.9817433	.1424211	.5191705	1.546692	7.400179	-.010650

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: P5060-21 Acquired: 12/17/2024 21:50:14 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHL58 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0051675	1.117177	5.364696	.0287950	.6970378	.7024867
Stddev	.0001992	.008988	.028013	.0005046	.0077789	.0010268
%RSD	3.854563	.8045498	.5221746	1.752534	1.116001	.1461623
#1	.0049859	1.118785	5.372821	.0283071	.6957043	.7023605
#2	.0053805	1.107493	5.333518	.0293149	.7053973	.7035707
#3	.0051361	1.125252	5.387748	.0287631	.6900118	.7015289

Elem	Li6707
Units	ppm
Avg	.1353982
Stddev	.0038239
%RSD	2.824180
#1	.1322800
#2	.1342499
#3	.1396647

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2075.439	25589.52	1362.175	1769.352	2088.894
Stddev	8.676	125.99	1.913	11.229	9.716
%RSD	.4180362	.4923556	.1404262	.6346345	.4651194
#1	2071.331	25719.56	1361.712	1778.816	2081.270
#2	2085.406	25468.00	1364.277	1756.945	2099.834
#3	2069.580	25580.98	1360.536	1772.296	2085.577

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: P5060-22 Acquired: 12/17/2024 21:54:06 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHL59 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1119734	-.034923	1.567314	.0524317	.0255735	62.85152
Stddev	.0021640	.002857	.020756	.0010902	.0009011	.30821
%RSD	1.932643	8.181868	1.324310	2.079331	3.523393	.4903829
#1	.1127715	-.036559	1.563159	.0511730	.0265673	63.14461
#2	.1095236	-.036587	1.548950	.0530384	.0253435	62.53014
#3	.1136250	-.031624	1.589833	.0530836	.0248097	62.87982

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.677745	.0080333	.0087705	414.4326	.1237283	.1333153
Stddev	.006578	.0001050	.0001074	2.2642	.0010312	.0014762
%RSD	.3920805	1.307214	1.224382	.5463376	.8334713	1.107331
#1	1.685103	.0080241	.0088623	416.6461	.1249138	.1330967
#2	1.672432	.0081426	.0086524	412.1209	.1232329	.1319605
#3	1.675702	.0079332	.0087967	414.5308	.1230383	.1348886

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2738742	181.4896	10.00214	75.26322	.1826142	.0045280
Stddev	.0061395	1.1035	.04114	.37428	.0021714	.0001851
%RSD	2.241729	.6080307	.4112980	.4972963	1.189060	4.088504
#1	.2799468	182.6558	10.04956	75.66221	.1823721	.0043668
#2	.2676699	180.4619	9.97602	74.91987	.1805741	.0047302
#3	.2740061	181.3511	9.98083	75.20759	.1848965	.0044870

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5043722	.1822356	1.978076	6.420764	F 16.07716	-.010067
Stddev	.5060465	.0062988	.004133	.007167	.21399	.002720
%RSD	100.3320	3.456413	.2089578	.1116267	1.331018	27.02228
#1	.6562291	.1813828	1.973973	6.422754	16.02999	-.007955
#2	.9171029	.1764066	1.982239	6.426726	15.89070	-.013137
#3	-.060215	.1889174	1.978015	6.412812	16.31080	-.009111

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: P5060-22 Acquired: 12/17/2024 21:54:06 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHL59 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0042810	2.859360	6.801422	.1190086	.5218563	.3114918
Stddev	.0002392	.037225	.019316	.0024278	.0059323	.0017000
%RSD	5.586339	1.301860	.2840036	2.040000	1.136764	.5457682
#1	.0042413	2.860098	6.820001	.1206519	.5267578	.3133102
#2	.0040641	2.821771	6.781445	.1162200	.5152615	.3099422
#3	.0045375	2.896210	6.802819	.1201537	.5235496	.3112230

Elem	Li6707
Units	ppm
Avg	.1180253
Stddev	.0121156
%RSD	10.26523
#1	.1280334
#2	.1214869
#3	.1045557

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2235.724	27471.79	1447.147	1906.372	2266.894
Stddev	16.950	88.94	5.347	10.284	23.106
%RSD	.7581569	.3237636	.3694923	.5394596	1.019283
#1	2231.530	27371.57	1444.587	1912.535	2262.909
#2	2254.377	27541.34	1453.293	1912.080	2291.733
#3	2221.264	27502.46	1443.562	1894.499	2246.040

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: P5062-01 Acquired: 12/17/2024 21:57:56 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHKZ7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0368890	.0096637	.1089955	.0208897	.0113748	51.29150
Stddev	.0023671	.0037552	.0046350	.0040422	.0023772	.40457
%RSD	6.416738	38.85834	4.252441	19.35019	20.89878	.7887602
#1	.0386421	.0119408	.1073515	.0203351	.0120152	51.71768
#2	.0341964	.0053295	.1142284	.0171534	.0133662	50.91272
#3	.0378285	.0117209	.1054066	.0251805	.0087430	51.24410

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.115303	.0066397	.0081857	F 1542.495	.1109900	.1445479
Stddev	.008107	.0000454	.0002210	12.385	.0004410	.0009570
%RSD	.7269225	.6844059	2.700307	.8029425	.3973286	.6620998
#1	1.124389	.0065999	.0081296	1553.792	.1109368	.1436130
#2	1.108807	.0066301	.0079982	1529.252	.1105780	.1445050
#3	1.112715	.0066892	.0084294	1544.442	.1114552	.1455257

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0904967	155.0686	14.16240	43.23972	.2018949	.0036772
Stddev	.0110571	1.1419	.10899	.13246	.0002695	.0007746
%RSD	12.21826	.7363760	.7695498	.3063472	.1334630	21.06422
#1	.1015693	156.2076	14.27745	43.39237	.2021526	.0032883
#2	.0904657	153.9238	14.06071	43.17186	.2019172	.0045692
#3	.0794551	155.0745	14.14904	43.15494	.2016150	.0031741

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9832019	.1126501	.3315563	9.223359	5.329773	.0377517
Stddev	.8843352	.0067446	.0090501	.088324	.014924	.0029275
%RSD	89.94441	5.987240	2.729568	.9576076	.2800184	7.754636
#1	1.280301	.1191344	.3420003	9.198989	5.319829	.0402715
#2	-.011426	.1056722	.3266429	9.149779	5.322556	.0345403
#3	1.680730	.1131436	.3260256	9.321309	5.346934	.0384434

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: P5062-01 Acquired: 12/17/2024 21:57:56 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHKZ7 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001366	1.321994	5.913782	.0290285	1.023302	.6661909
Stddev	.000385	.013799	.022417	.0027394	.011563	.0042796
%RSD	28.21111	1.043806	.3790585	9.436836	1.129976	.6424015
#1	-.001171	1.311560	5.932908	.0297647	1.032745	.6706612
#2	-.001116	1.316783	5.919323	.0313245	1.010406	.6621315
#3	-.001809	1.337640	5.889114	.0259962	1.026756	.6657802

Elem	Li6707
Units	ppm
Avg	.1827562
Stddev	.0035581
%RSD	1.946936
#1	.1863217
#2	.1827412
#3	.1792055

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2122.858	25933.23	1411.064	1810.313	2040.729
Stddev	5.034	136.67	8.876	6.527	4.138
%RSD	.2371479	.5270118	.6290033	.3605665	.2027613
#1	2117.744	25782.30	1400.872	1802.785	2037.677
#2	2123.020	26048.62	1415.228	1813.762	2045.439
#3	2127.809	25968.75	1417.093	1814.393	2039.073

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: P5062-02 Acquired: 12/17/2024 22:01:48 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHKZ8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0339425	.0143724	.1077651	.0179900	.0097142	47.01025
Stddev	.0013212	.0044290	.0031526	.0078463	.0032198	.19905
%RSD	3.892575	30.81617	2.925394	43.61462	33.14575	.4234115
#1	.0325491	.0099544	.1075716	.0100652	.0062216	46.82848
#2	.0341011	.0188124	.1047137	.0181495	.0125644	47.22295
#3	.0351772	.0143504	.1110099	.0257554	.0103566	46.97931

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.087844	.0057389	.0068557	F 1556.982	.1002526	.1433117
Stddev	.005562	.0001623	.0001786	8.741	.0007327	.0009125
%RSD	.5112869	2.828106	2.605170	.5614209	.7308178	.6367391
#1	1.083794	.0056159	.0066641	1547.233	.1003462	.1437556
#2	1.094186	.0056780	.0068854	1564.122	.1009339	.1422622
#3	1.085553	.0059229	.0070176	1559.590	.0994775	.1439175

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1269322	142.1924	14.39829	54.12767	.1855229	.0031277
Stddev	.0047364	.7996	.08103	.34030	.0022505	.0002666
%RSD	3.731400	.5623073	.5628078	.6287035	1.213046	8.525122
#1	.1256677	141.2919	14.30505	53.81133	.1829383	.0028249
#2	.1229564	142.4662	14.45175	54.08396	.1865815	.0032306
#3	.1321724	142.8191	14.43807	54.48771	.1870488	.0033275

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5491101	.1077270	.2942149	8.856444	5.114225	.0379407
Stddev	.5778231	.0104408	.0142803	.129498	.034057	.0009342
%RSD	105.2290	9.691916	4.853695	1.462189	.6659178	2.462333
#1	-.117301	.1196627	.3017467	8.856516	5.081394	.0370613
#2	.854007	.1032306	.2777454	8.985907	5.111894	.0378393
#3	.910625	.1002877	.3031525	8.726911	5.149387	.0389215

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: P5062-02 Acquired: 12/17/2024 22:01:48 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHKZ8 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001864	1.433515	5.707949	.0315935	1.039733	.7696457
Stddev	.000328	.005065	.017870	.0002936	.009214	.0026972
%RSD	17.61057	.3533114	.3130690	.9294095	.8861690	.3504514
#1	-.001593	1.430800	5.694888	.0313293	1.031230	.7673100
#2	-.001770	1.430387	5.700646	.0315416	1.049522	.7725977
#3	-.002229	1.439359	5.728314	.0319096	1.038445	.7690292

Elem	Li6707
Units	ppm
Avg	.1702834
Stddev	.0055035
%RSD	3.231966
#1	.1652555
#2	.1694315
#3	.1761631

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2063.321	25259.48	1379.021	1755.053	2026.028
Stddev	7.923	25.54	4.004	1.458	7.385
%RSD	.3840023	.1011285	.2903265	.0830938	.3645301
#1	2069.438	25280.24	1381.243	1753.380	2031.239
#2	2066.154	25230.95	1381.421	1755.730	2029.269
#3	2054.370	25267.26	1374.399	1756.050	2017.576

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: P5062-03 Acquired: 12/17/2024 22:05:39 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHKZ9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0711236	.0147327	.2217443	.0059787	.0094316	44.85092
Stddev	.0030946	.0062856	.0028351	.0041260	.0013155	.10578
%RSD	4.350965	42.66439	1.278541	69.01034	13.94802	.2358555
#1	.0702407	.0200631	.2250047	.0013997	.0093559	44.76318
#2	.0745637	.0163336	.2203692	.0094075	.0107834	44.96838
#3	.0685665	.0078015	.2198589	.0071290	.0081556	44.82120

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6738803	.0055296	.0042900	F 1424.780	.0987375	.1325040
Stddev	.0013687	.0001612	.0000878	1.383	.0012075	.0003141
%RSD	.2031128	2.915243	2.047343	.0970526	1.222903	.2370575
#1	.6723503	.0057123	.0041902	1423.833	.0985063	.1323302
#2	.6749883	.0054692	.0043555	1424.140	.0976623	.1328666
#3	.6743025	.0054073	.0043244	1426.367	.1000438	.1323153

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2784630	131.7021	9.465628	172.5769	.1518918	.0025323
Stddev	.0146862	.5759	.022671	.3992	.0016338	.0005120
%RSD	5.274035	.4372472	.2395047	.2313324	1.075647	20.21989
#1	.2767675	131.0472	9.454317	172.1903	.1532084	.0027327
#2	.2646981	132.1294	9.491729	172.9877	.1500633	.0019504
#3	.2939234	131.9296	9.450839	172.5528	.1524036	.0029139

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.035866	.1100026	.4989864	8.478514	4.301966	.0452025
Stddev	.508972	.0194329	.0142641	.232590	.007696	.0015348
%RSD	49.13487	17.66582	2.858620	2.743285	.1788945	3.395300
#1	.480144	.0934928	.4840776	8.732498	4.310776	.0464608
#2	1.479353	.1050967	.5003775	8.427133	4.296558	.0456540
#3	1.148102	.1314183	.5125040	8.275910	4.298562	.0434926

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: P5062-03 Acquired: 12/17/2024 22:05:39 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHKZ9 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000702	2.042273	5.777313	.0297335	.6942864	1.078180
Stddev	.000771	.018769	.014077	.0021790	.0056767	.002571
%RSD	109.8130	.9190024	.2436677	7.328487	.8176269	.2384136
#1	-.001393	2.061632	5.765927	.0322090	.6879394	1.075486
#2	-.000843	2.041030	5.772960	.0281059	.6988782	1.080606
#3	.000130	2.024157	5.793053	.0288856	.6960415	1.078447

Elem	Li6707
Units	ppm
Avg	.1593727
Stddev	.0069121
%RSD	4.337097
#1	.1522876
#2	.1660979
#3	.1597327

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1976.553	24068.56	1299.376	1670.666	2011.055
Stddev	4.992	233.66	5.256	15.623	3.568
%RSD	.2525393	.9708296	.4044930	.9351634	.1774228
#1	1975.151	24225.28	1305.443	1681.606	2007.711
#2	1972.411	24180.39	1296.196	1677.618	2010.641
#3	1982.095	23799.99	1296.489	1652.773	2014.811

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: P5062-04 Acquired: 12/17/2024 22:09:29 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHL00 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1176383	-.053444	.5261779	.0637595	.0264461	60.63953	.6405214
Stddev	.0047785	.001986	.0045729	.0032680	.0016628	.20955	.0022821
%RSD	4.062012	3.715438	.8690769	5.125512	6.287594	.3455703	.3562850
#1	.1166238	-.053504	.5314461	.0668450	.0246124	60.46826	.6379843
#2	.1228426	-.051429	.5232342	.0603354	.0278560	60.57714	.6424066
#3	.1134486	-.055399	.5238534	.0640982	.0268699	60.87319	.6411732

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0078624	.0041805	32.28433	.1048437	.0868760	.1834439	148.9017
Stddev	.0000931	.0000859	.01439	.0010524	.0005292	.0084138	.3949
%RSD	1.184468	2.054035	.0445808	1.003822	.6092042	4.586565	.2652286
#1	.0078426	.0041461	32.30052	.1057788	.0872850	.1762180	148.4624
#2	.0077807	.0042783	32.27951	.1050482	.0870647	.1926810	149.2275
#3	.0079638	.0041172	32.27297	.1037039	.0862783	.1814327	149.0151

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.856040	16.15019	.1584332	.0043185	.6571642	.1974738	.5167101
Stddev	.018341	.12064	.0002660	.0012375	.2542993	.0015756	.0048991
%RSD	.3131971	.7469736	.1678674	28.65553	38.69647	.7978996	.9481352
#1	5.834864	16.13700	.1586659	.0053902	.4456040	.1977079	.5132060
#2	5.866337	16.03668	.1581433	.0029641	.9392958	.1957942	.5223082
#3	5.866917	16.27688	.1584904	.0046011	.5865929	.1989193	.5146162

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.481870	4.881781	-.023329	.0056385	3.162849	7.221480	.0404115
Stddev	.065445	.014851	.002949	.0003264	.005247	.077041	.0012617
%RSD	1.193836	.3042098	12.64013	5.788090	.1658911	1.066827	3.122212
#1	5.548168	4.875413	-.020426	.0059148	3.165502	7.272286	.0397780
#2	5.480128	4.871177	-.023239	.0052784	3.156806	7.132837	.0418645
#3	5.417313	4.898754	-.026322	.0057224	3.166240	7.259317	.0395922

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: P5062-04 Acquired: 12/17/2024 22:09:29 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHL00 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.9570757	-.060983	.0721821
Stddev	.0088238	.000350	.0032354
%RSD	.9219504	.5744608	4.482227
#1	.9474672	-.060644	.0729765
#2	.9648152	-.060963	.0686235
#3	.9589448	-.061343	.0749463

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2215.307	27179.09	1364.759	1899.211	2458.366
Stddev	6.014	192.67	9.912	16.623	9.588
%RSD	.2714609	.7089050	.7262837	.8752625	.3900264
#1	2213.342	27370.52	1363.152	1912.943	2449.900
#2	2210.521	26985.20	1375.376	1880.730	2456.419
#3	2222.057	27181.55	1355.748	1903.959	2468.778

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: CCV052 Acquired: 12/17/2024 22:13:20 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: CCV052 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.102856	5.009256	24.62621	5.065614	5.030107	401.1625	10.20215
Stddev	.023152	.046232	.16244	.046371	.044333	1.1943	.03309
%RSD	.4537084	.9229355	.6596089	.9154039	.8813543	.2977054	.3243552
#1	5.083732	4.972319	24.53766	5.028771	5.001608	400.7161	10.17665
#2	5.096242	4.994345	24.52730	5.050388	5.007530	400.2556	10.19027
#3	5.128596	5.061104	24.81368	5.117684	5.081185	402.5156	10.23955

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5153395	2.508084	405.0612	15.68449	2.495370	15.20173	412.8513
Stddev	.0006895	.016146	.6735	.13393	.017562	.07797	1.7292
%RSD	.1337895	.6437733	.1662825	.8539215	.7037993	.5128786	.4188532
#1	.5157514	2.497876	404.9213	15.68942	2.487515	15.17383	412.0256
#2	.5145435	2.499677	404.4685	15.81589	2.483107	15.14155	411.6897
#3	.5157236	2.526700	405.7937	15.54816	2.515489	15.28980	414.8386

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.47092	408.2377	2.495809	1.286863	401.4745	2.540090	15.36091
Stddev	.07010	2.1501	.014687	.011650	2.5189	.016706	.06540
%RSD	.4531376	.5266710	.5884542	.9053407	.6274148	.6576809	.4257772
#1	15.44015	407.5590	2.488547	1.288543	400.1926	2.526059	15.36262
#2	15.42147	406.5090	2.486168	1.297582	399.8544	2.558570	15.42545
#3	15.55115	410.6453	2.512712	1.274464	404.3765	2.535641	15.29468

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	154.2892	4.971819	4.906183	4.752151	4.940700	5.049636	5.019453
Stddev	.8217	.030098	.017944	.042902	.034303	.016026	.032446
%RSD	.5325908	.6053687	.3657358	.9027842	.6942846	.3173653	.6464143
#1	153.5761	4.951973	4.918052	4.721450	4.923316	5.061199	4.995669
#2	154.1037	4.957034	4.885540	4.733832	4.918571	5.031342	5.006276
#3	155.1878	5.006450	4.914956	4.801171	4.980215	5.056365	5.056416

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: CCV052 Acquired: 12/17/2024 22:13:20 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: CCV052 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	5.055358	4.809335	5.136304
Stddev	.027761	.028460	.053335
%RSD	.5491491	.5917641	1.038401
#1	5.039448	4.801116	5.112172
#2	5.039211	4.785889	5.099299
#3	5.087414	4.841000	5.197440

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1521.116	20535.38	1113.742	1350.431	1979.485
Stddev	8.694	151.57	4.460	8.720	6.575
%RSD	.5715828	.7380780	.4004184	.6457373	.3321628
#1	1527.879	20557.18	1114.707	1355.204	1981.997
#2	1524.161	20374.09	1117.640	1340.367	1984.433
#3	1511.309	20674.86	1108.879	1355.723	1972.024

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: CCB052 Acquired: 12/17/2024 22:16:57 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: CCB052 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002934	.0055183	.0006103	-.003264	-.001856	-.003620	.0015289
Stddev	.0046512	.0018718	.0020356	.003484	.000966	.017060	.0012471
%RSD	1585.583	33.91934	333.5186	106.7489	52.03858	471.2252	81.56952
#1	.0025381	.0049921	.0022281	.000714	-.000968	-.020227	.0029107
#2	-.005055	.0075969	-.001675	-.004729	-.001715	.013860	.0004870
#3	.003396	.0039660	.001278	-.005776	-.002885	-.004495	.0011889

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000038	-.000046	-.042130	.0012022	-.000182	-.001153	-.006408
Stddev	.000034	.000016	.051446	.0005941	.000539	.012673	.033578
%RSD	87.54411	34.31379	122.1119	49.41446	295.9016	1099.098	523.9762
#1	-.000058	-.000035	-.003298	.0018881	-.000077	.010265	.029051
#2	.000000	-.000040	-.100478	.0008690	-.000766	.001064	-.010556
#3	-.000057	-.000065	-.022614	.0008495	.000296	-.014788	-.037720

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001667	.0387736	.0004152	.0009111	-1.25522	.0022461	.0147068
Stddev	.0023215	.0543274	.0009857	.0006821	1.09992	.0206652	.0143748
%RSD	1392.749	140.1143	237.4137	74.86563	87.62761	920.0544	97.74231
#1	.0018180	-.000337	.0014609	.0001471	-.27515	.0061041	-.001297
#2	.0011698	.015853	.0002816	.0011273	-2.44484	.0207104	.018895
#3	-.002488	.100805	-.000497	.0014590	-1.04568	-.020076	.026522

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0707996	-.001242	.0137667	.0001217	.0022713	.0007391	-.000064
Stddev	.1460536	.003983	.0048199	.0003292	.0027206	.0008693	.001368
%RSD	206.2917	320.5279	35.01135	270.5266	119.7824	117.6192	2148.871
#1	.2117100	.000774	.0192859	-.000028	-.000049	.0012571	-.000976
#2	.0805928	.001329	.0116284	.000499	.001597	.0012248	.001509
#3	-.079904	-.005830	.0103860	-.000106	.005266	-.000265	-.000724

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: CCB052 Acquired: 12/17/2024 22:16:57 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: CCB052 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	-.003852	.0001509	.0148039
Stddev	.003106	.0002400	.0032906
%RSD	80.62711	159.0643	22.22798
#1	-.006879	.0004074	.0118025
#2	-.000673	-.000068	.0142867
#3	-.004005	.000114	.0183225

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1840.925	22739.89	1141.505	1581.170	2450.138
Stddev	28.326	23.36	6.281	3.400	39.716
%RSD	1.538709	.1027463	.5502352	.2150127	1.620969
#1	1851.269	22713.82	1134.273	1581.710	2467.884
#2	1862.626	22746.89	1145.592	1584.267	2477.886
#3	1808.880	22758.95	1144.650	1577.533	2404.643

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: P5062-05 Acquired: 12/17/2024 22:20:59 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHL01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1156712	-.052782	.5098834	.0662608	.0278860	61.42353	.6225702
Stddev	.0062016	.003770	.0039905	.0041383	.0009059	.18335	.0030383
%RSD	5.361368	7.142690	.7826231	6.245421	3.248440	.2984982	.4880271
#1	.1158617	-.048506	.5116072	.0709138	.0288802	61.21536	.6191924
#2	.1217753	-.055625	.5053208	.0648763	.0276705	61.49420	.6250802
#3	.1093766	-.054216	.5127222	.0629923	.0271073	61.56103	.6234381

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0075786	.0039249	30.34671	.0999538	.0851948	.1830728	149.1818
Stddev	.0000726	.0001113	.07859	.0019206	.0003162	.0021159	.6188
%RSD	.9582903	2.835424	.2589718	1.921493	.3711384	1.155751	.4147982
#1	.0075886	.0039636	30.31340	.0987122	.0848838	.1807541	148.4783
#2	.0075015	.0037995	30.29026	.0989833	.0855159	.1848990	149.4253
#3	.0076457	.0040117	30.43647	.1021660	.0851848	.1835653	149.6418

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.969972	16.13938	.1494006	.0043829	-.046228	.1762576	.5369154
Stddev	.018917	.20827	.0004580	.0004859	.038066	.0037540	.0196777
%RSD	.3168646	1.290440	.3065429	11.08731	82.34311	2.129840	3.664961
#1	5.950210	15.94248	.1493253	.0039377	-.049657	.1772377	.5143317
#2	5.987912	16.11826	.1489849	.0043097	-.006564	.1721108	.5460399
#3	5.971795	16.35740	.1498915	.0049012	-.082464	.1794243	.5503745

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.612637	4.850871	-.013964	.0040526	2.744051	7.458083	.0407395
Stddev	.017230	.023702	.001076	.0007514	.015639	.028804	.0018535
%RSD	.3735466	.4886084	7.709070	18.54019	.5699160	.3862069	4.549587
#1	4.628817	4.856345	-.015118	.0032432	2.751201	7.476679	.0391908
#2	4.594520	4.824911	-.012986	.0041869	2.726115	7.424905	.0427931
#3	4.614575	4.871356	-.013788	.0047278	2.754837	7.472667	.0402345

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: P5062-05 Acquired: 12/17/2024 22:20:59 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHL01 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.9955423	-.064148	.0792438
Stddev	.0062841	.000694	.0043925
%RSD	.6312262	1.082537	5.542960
#1	.9883236	-.063418	.0823780
#2	.9985131	-.064226	.0811302
#3	.9997903	-.064800	.0742233

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2184.240	26779.54	1346.019	1866.033	2411.555
Stddev	6.304	183.49	6.594	14.341	7.026
%RSD	.2886235	.6851880	.4898762	.7685256	.2913283
#1	2188.236	26860.45	1345.597	1877.721	2414.750
#2	2187.512	26908.68	1352.815	1870.349	2416.415
#3	2176.973	26569.50	1339.647	1850.030	2403.499

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: P5062-06 Acquired: 12/17/2024 22:24:51 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHL02 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1215183	-.053352	.5014524	.0614001	.0264357	64.74014	.6375913
Stddev	.0008525	.004729	.0038823	.0021255	.0011919	.01815	.0029577
%RSD	.7015149	8.864678	.7742166	3.461683	4.508664	.0280370	.4638837
#1	.1216392	-.054468	.5023498	.0617224	.0250675	64.74364	.6393684
#2	.1223038	-.048164	.4972000	.0633460	.0269907	64.75629	.6392286
#3	.1206118	-.057424	.5048074	.0591319	.0272488	64.72049	.6341771

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0081353	.0041816	26.72533	.1010922	.0894536	.1779296	152.2775
Stddev	.0001501	.0000423	.03000	.0004825	.0002036	.0084084	.2750
%RSD	1.844694	1.010894	.1122591	.4773326	.2276069	4.725688	.1805665
#1	.0079620	.0042163	26.69366	.1015460	.0894302	.1717594	152.0131
#2	.0082244	.0041940	26.75333	.1011455	.0892627	.1875069	152.5620
#3	.0082194	.0041345	26.72900	.1005853	.0896679	.1745227	152.2573

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.313687	16.59463	.1501127	.0031915	.3075735	.1858591	.5149413
Stddev	.005207	.22129	.0007932	.0005699	.0686959	.0070748	.0196999
%RSD	.0824789	1.333506	.5284007	17.85634	22.33479	3.806535	3.825666
#1	6.316316	16.83539	.1509933	.0031554	.2398561	.1791482	.5191735
#2	6.317057	16.40013	.1494543	.0026405	.3772077	.1851802	.4934693
#3	6.307689	16.54836	.1498905	.0037785	.3056567	.1932488	.5321812

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.704314	3.849917	-.018117	.0035497	2.262381	7.668632	.0428778
Stddev	.152991	.016983	.002141	.0005384	.006557	.021186	.0007901
%RSD	4.130088	.4411324	11.81717	15.16607	.2898208	.2762718	1.842621
#1	3.856827	3.853658	-.016697	.0036160	2.263308	7.651885	.0420166
#2	3.550848	3.831375	-.017073	.0029813	2.255409	7.692449	.0430478
#3	3.705267	3.864717	-.020579	.0040519	2.268425	7.661561	.0435691

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: P5062-06 Acquired: 12/17/2024 22:24:51 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHL02 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.9538687	-.070083	.0826724
Stddev	.0031082	.000119	.0045342
%RSD	.3258488	.1703539	5.484546
#1	.9520010	-.069962	.0849129
#2	.9574567	-.070088	.0856503
#3	.9521483	-.070200	.0774541

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2236.441	27470.11	1380.303	1911.768	2453.877
Stddev	3.912	74.73	7.055	7.523	4.743
%RSD	.1749029	.2720462	.5110919	.3935127	.1932767
#1	2233.220	27415.94	1380.795	1909.425	2449.927
#2	2240.794	27439.03	1373.016	1905.695	2459.137
#3	2235.308	27555.37	1387.099	1920.184	2452.568

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: P5062-07 Acquired: 12/17/2024 22:28:43 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHL02D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1144891	-.056523	.5153117	.0711365	.0269499	65.92265	.6507315
Stddev	.0040866	.002429	.0023669	.0020620	.0020423	.29651	.0040957
%RSD	3.569407	4.297570	.4593089	2.898610	7.578209	.4497837	.6293956
#1	.1134571	-.058851	.5127411	.0690778	.0259716	65.61157	.6476080
#2	.1189928	-.054004	.5157933	.0711299	.0255807	65.95435	.6492180
#3	.1110175	-.056714	.5174008	.0732017	.0292973	66.20204	.6553686

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0081165	.0041366	27.27012	.1025832	.0911494	.1834567	155.0041
Stddev	.0002703	.0000610	.19086	.0007873	.0002786	.0102287	.6211
%RSD	3.329935	1.475657	.6998846	.7674564	.3056271	5.575562	.4007064
#1	.0079300	.0040774	27.06596	.1033467	.0908616	.1723340	154.4755
#2	.0079930	.0041993	27.44408	.1026290	.0911691	.1855768	154.8485
#3	.0084264	.0041332	27.30031	.1017741	.0914177	.1924592	155.6882

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.441517	17.00411	.1534316	.0034548	-.484136	.1933647	.5262973
Stddev	.041666	.29791	.0004339	.0008780	.908707	.0183265	.0098271
%RSD	.6468301	1.751994	.2828259	25.41379	187.6964	9.477676	1.867222
#1	6.404030	16.72538	.1535539	.0026701	.380926	.2046539	.5231113
#2	6.434144	16.96887	.1529497	.0044031	-.402374	.1722193	.5373221
#3	6.486377	17.31807	.1537913	.0032912	-1.43096	.2032210	.5184584

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.745043	3.938009	-.018016	.0036077	2.326707	7.797135	.0444290
Stddev	.143102	.011525	.000829	.0003048	.005380	.016766	.0006992
%RSD	3.821117	.2926670	4.602119	8.448779	.2312343	.2150308	1.573692
#1	3.618682	3.926760	-.018820	.0038753	2.320508	7.814692	.0443279
#2	3.900435	3.937476	-.018065	.0036720	2.329460	7.795423	.0451732
#3	3.716011	3.949792	-.017164	.0032759	2.330154	7.781291	.0437859

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: P5062-07 Acquired: 12/17/2024 22:28:43 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHL02D Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.9709083	-.071182	.0754816
Stddev	.0022325	.000588	.0098491
%RSD	.2299422	.8264092	13.04836
#1	.9700944	-.070931	.0723390
#2	.9691970	-.070760	.0865185
#3	.9734336	-.071854	.0675873

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2214.865	27203.36	1372.564	1892.353	2419.748
Stddev	7.161	106.03	4.879	5.448	7.416
%RSD	.3233198	.3897571	.3554465	.2878735	.3064712
#1	2220.529	27242.16	1376.790	1886.414	2426.670
#2	2217.249	27284.52	1373.677	1897.117	2420.652
#3	2206.816	27083.40	1367.225	1893.528	2411.921

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: P5062-06LX5 Acquired: 12/17/2024 22:32:34 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHL02L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0300096	-.010622	.1028866	.0137130	.0059412	15.07436	.1486744
Stddev	.0018756	.001725	.0013156	.0008192	.0002272	.13432	.0011556
%RSD	6.249970	16.24343	1.278733	5.973509	3.824728	.8910636	.7772924
#1	.0307278	-.011868	.1028144	.0146586	.0061545	15.19570	.1499696
#2	.0278810	-.008653	.1042369	.0132230	.0059669	15.09736	.1483051
#3	.0314200	-.011344	.1016086	.0132573	.0057022	14.93002	.1477486

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0019804	.0006707	6.267440	.0245306	.0203803	.0415761	35.64953
Stddev	.0001138	.0001480	.092369	.0005975	.0005810	.0089214	.41257
%RSD	5.748364	22.06778	1.473787	2.435939	2.850894	21.45811	1.157303
#1	.0020505	.0005807	6.372195	.0249450	.0198793	.0375164	36.00062
#2	.0020417	.0008415	6.197692	.0238456	.0210172	.0518055	35.75286
#3	.0018491	.0005899	6.232433	.0248013	.0202444	.0354065	35.19512

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.478190	3.753612	.0306427	.0009458	-.296358	.0439281	.1421289
Stddev	.019060	.084273	.0005558	.0008399	.764667	.0059152	.0108572
%RSD	1.289421	2.245111	1.813675	88.80235	258.0212	13.46562	7.638974
#1	1.500098	3.658723	.0312673	.0018746	-1.05618	.0488967	.1498882
#2	1.469056	3.782376	.0302028	.0007232	-.30595	.0455028	.1467770
#3	1.465417	3.819737	.0304581	.0002397	.47306	.0373850	.1297214

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4591838	.7973652	-.002199	.0004419	.4749012	1.829093	.0088654
Stddev	.3956351	.0032958	.000364	.0002966	.0016644	.002153	.0013294
%RSD	86.16052	.4133331	16.55870	67.11552	.3504712	.1177148	14.99580
#1	.5312375	.7957317	-.002155	.0004402	.4735781	1.830556	.0082711
#2	.0324738	.7952051	-.002583	.0007393	.4767699	1.830103	.0103884
#3	.8138402	.8011586	-.001859	.0001461	.4743557	1.826621	.0079368

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: P5062-06LX5 Acquired: 12/17/2024 22:32:34 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHL02L Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.2174379	-.016470	.0238330
Stddev	.0006950	.000576	.0063815
%RSD	.3196288	3.495851	26.77599
#1	.2177700	-.015978	.0190043
#2	.2166392	-.017103	.0214269
#3	.2179046	-.016328	.0310677

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1958.874	24103.73	1222.320	1673.754	2484.429
Stddev	10.584	104.78	6.326	14.175	11.821
%RSD	.5403274	.4346941	.5175013	.8468973	.4757938
#1	1965.896	23982.88	1215.045	1665.494	2490.768
#2	1964.026	24159.22	1225.397	1665.647	2491.728
#3	1946.700	24169.10	1226.519	1690.122	2470.791

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: P5062-08 Acquired: 12/17/2024 22:36:33 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHL02S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2021489	.0352479	.5496424	.2111850	.1694567	68.01603	4.111247
Stddev	.0036710	.0046728	.0037425	.0018139	.0034030	.52386	.025664
%RSD	1.815992	13.25693	.6808942	.8589142	2.008200	.7702074	.6242319
#1	.1979414	.0391156	.5482287	.2132140	.1704446	67.55142	4.087288
#2	.2038068	.0300559	.5468127	.2097205	.1656690	67.91286	4.108123
#3	.2046987	.0365722	.5538858	.2106204	.1722565	68.58380	4.138330

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0939919	.1003639	26.83343	.4683489	1.061790	.5974461	154.8086
Stddev	.0012766	.0005217	.25792	.0008233	.004133	.0110472	1.1616
%RSD	1.358221	.5198027	.9611796	.1757810	.3892821	1.849066	.7503250
#1	.0934908	.1002657	26.55867	.4674651	1.061626	.5938070	153.7155
#2	.0930418	.0998982	26.87130	.4690940	1.057740	.5886775	154.6819
#3	.0954430	.1009277	27.07032	.4684875	1.066002	.6098537	156.0282

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.202708	16.55484	1.146612	.0716356	-.087855	1.048136	1.305961
Stddev	.053835	.15735	.005769	.0004397	.218250	.012477	.022971
%RSD	.7474309	.9504790	.5031497	.6137935	248.4191	1.190395	1.758907
#1	7.154449	16.51414	1.147403	.0716491	-.337430	1.038974	1.290598
#2	7.192903	16.42184	1.140488	.0711893	.006646	1.043088	1.332368
#3	7.260772	16.72854	1.151945	.0720684	.067218	1.062346	1.294917

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.832383	3.921093	-.017764	.0036591	2.319235	7.635180	.0435657
Stddev	.162175	.022867	.003566	.0004664	.014815	.102068	.0007866
%RSD	4.231713	.5831665	20.07598	12.74572	.6387697	1.336813	1.805522
#1	3.682844	3.917587	-.015117	.0041924	2.312299	7.560904	.0435286
#2	3.809535	3.900182	-.016355	.0034573	2.309160	7.593070	.0427983
#3	4.004772	3.945510	-.021819	.0033276	2.336245	7.751566	.0443702

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: P5062-08 Acquired: 12/17/2024 22:36:33 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHL02S Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.9529680	-.072214	.0738311
Stddev	.0086906	.000649	.0018654
%RSD	.9119552	.8984155	2.526586
#1	.9429357	-.071540	.0759421
#2	.9577789	-.072268	.0731464
#3	.9581894	-.072834	.0724048

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2214.545	27216.69	1395.560	1897.791	2427.387
Stddev	3.258	133.52	14.690	8.974	6.811
%RSD	.1471046	.4905961	1.052598	.4728491	.2805896
#1	2211.205	27138.00	1403.111	1898.010	2424.063
#2	2217.713	27141.20	1404.940	1888.709	2435.222
#3	2214.718	27370.86	1378.631	1906.653	2422.877

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: P5062-09 Acquired: 12/17/2024 22:40:22 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHL23 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1746520	-.024065	3.644871	.0558597	.0298100	66.36620
Stddev	.0015140	.009553	.029483	.0022834	.0013166	.48732
%RSD	.8668848	39.69828	.8089022	4.087750	4.416455	.7342905
#1	.1729054	-.034322	3.611442	.0578796	.0303740	66.87500
#2	.1755916	-.015420	3.656002	.0563173	.0307507	66.31994
#3	.1754590	-.022453	3.667169	.0533821	.0283055	65.90366

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.890164	.0086877	.0118120	143.1619	.1614846	.1163621
Stddev	.014271	.0002820	.0001650	1.1555	.0003951	.0004459
%RSD	.7550375	3.245505	1.396439	.8071175	.2446792	.3832060
#1	1.905550	.0083621	.0116381	144.3813	.1612409	.1158839
#2	1.887583	.0088481	.0118317	143.0211	.1612724	.1164361
#3	1.877359	.0088529	.0119663	142.0832	.1619405	.1167664

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5082739	157.3016	11.24903	35.74943	.2000924	.0091262
Stddev	.0092703	.9087	.08416	.35083	.0005208	.0009596
%RSD	1.823876	.5776937	.7481978	.9813465	.2602606	10.51432
#1	.5134247	158.1809	11.33271	36.04744	.1996410	.0098588
#2	.5138249	157.3577	11.24999	35.83806	.1999740	.0080400
#3	.4975719	156.3661	11.16439	35.36279	.2006622	.0094798

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.011511	.1926516	2.032241	7.541225	F 11.48394	.0506733
Stddev	1.159918	.0086385	.009310	.259535	.07180	.0011519
%RSD	10076.31	4.484020	.4581222	3.441543	.6252126	2.273193
#1	-1.28525	.2025114	2.042742	7.527815	11.40161	.0493726
#2	.98396	.1864128	2.024996	7.807204	11.51669	.0515645
#3	.26676	.1890307	2.028984	7.288655	11.53353	.0510829

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: P5062-09 Acquired: 12/17/2024 22:40:22 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHL23 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0079548	3.858145	7.235925	.2270786	1.027004	.2192147
Stddev	.0006875	.027713	.026250	.0025736	.003954	.0021187
%RSD	8.642493	.7182870	.3627789	1.133367	.3849978	.9665013
#1	.0085568	3.826241	7.247525	.2243395	1.031406	.2215896
#2	.0081020	3.871954	7.254378	.2274501	1.023753	.2175183
#3	.0072057	3.876240	7.205873	.2294464	1.025853	.2185364

Elem	Li6707
Units	ppm
Avg	.1105799
Stddev	.0035503
%RSD	3.210571
#1	.1134183
#2	.1117223
#3	.1065991

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2223.892	27153.80	1399.673	1902.483	2361.296
Stddev	9.966	38.12	5.685	5.050	15.439
%RSD	.4481546	.1403843	.4061518	.2654641	.6538522
#1	2232.333	27130.35	1396.517	1905.906	2375.115
#2	2226.445	27133.27	1396.266	1904.861	2364.140
#3	2212.897	27197.79	1406.236	1896.683	2344.632

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: P5062-10 Acquired: 12/17/2024 22:44:12 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHL24 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0653995	.0027750	.4544377	.0225742	.0112751	50.51306
Stddev	.0016895	.0024932	.0028933	.0058873	.0042404	.41143
%RSD	2.583364	89.84637	.6366690	26.07974	37.60886	.8144993
#1	.0673490	.0033060	.4575383	.0181987	.0079415	50.68839
#2	.0643614	.0049599	.4539647	.0292677	.0098360	50.80778
#3	.0644880	.0000590	.4518100	.0202563	.0160477	50.04301

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8261396	.0057934	.0041694	F 833.4355	.0889647	.1216387
Stddev	.0065241	.0000682	.0000912	4.9409	.0025986	.0003834
%RSD	.7897112	1.177811	2.186777	.5928335	2.920905	.3152045
#1	.8304562	.0057364	.0040706	835.9818	.0874559	.1220766
#2	.8293283	.0058690	.0042502	836.5838	.0874730	.1214762
#3	.8186344	.0057748	.0041875	827.7409	.0919653	.1213633

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1852090	136.6917	10.12838	116.1926	.1457084	.0030372
Stddev	.0037716	1.1877	.06524	.9696	.0007831	.0015259
%RSD	2.036423	.8689142	.6441003	.8345083	.5374558	50.24172
#1	.1809986	137.2805	10.16129	116.7330	.1451529	.0038698
#2	.1882783	137.4699	10.17060	116.7717	.1453683	.0039658
#3	.1863501	135.3246	10.05324	115.0732	.1466041	.0012761

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.205221	.1411803	.5553866	6.873386	5.501447	.0134158
Stddev	.474363	.0179019	.0179607	.125910	.016674	.0041331
%RSD	39.35902	12.68019	3.233905	1.831841	.3030834	30.80766
#1	1.091824	.1260810	.5443168	6.882097	5.484007	.0163891
#2	1.726005	.1365034	.5457334	6.743347	5.503102	.0151622
#3	.797832	.1609564	.5761097	6.994714	5.517231	.0086962

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: P5062-10 Acquired: 12/17/2024 22:44:12 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHL24 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0029167	1.572021	6.632276	.0349465	.6751695	.5349438
Stddev	.0009023	.004293	.034804	.0025308	.0087770	.0029845
%RSD	30.93603	.2730795	.5247739	7.241785	1.299967	.5579093
#1	.0026609	1.567106	6.613070	.0349569	.6815176	.5372061
#2	.0039193	1.573920	6.672452	.0374720	.6788374	.5360641
#3	.0021699	1.575037	6.611307	.0324105	.6651535	.5315613

Elem	Li6707
Units	ppm
Avg	.1335938
Stddev	.0065022
%RSD	4.867145
#1	.1410938
#2	.1295417
#3	.1301459

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2063.872	24546.26	1326.206	1711.451	2147.136
Stddev	2.689	677.42	4.010	48.175	5.784
%RSD	.1302916	2.759764	.3023811	2.814890	.2693923
#1	2066.656	24836.58	1324.524	1737.934	2153.652
#2	2063.671	25030.12	1323.311	1740.575	2145.149
#3	2061.289	23772.06	1330.784	1655.844	2142.607

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: P5062-11 Acquired: 12/17/2024 22:48:03 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHL25 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1299222	-.013338	1.390460	.0474400	.0212942	67.00858	1.250062
Stddev	.0025805	.006590	.004692	.0051303	.0003539	.35836	.007343
%RSD	1.986193	49.40862	.3374607	10.81422	1.662121	.5348043	.5873797
#1	.1273304	-.007803	1.385767	.0527545	.0211303	66.97192	1.243806
#2	.1299449	-.011584	1.395152	.0425162	.0217003	66.66996	1.248234
#3	.1324913	-.020628	1.390462	.0470495	.0210518	67.38387	1.258146

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0076018	.0079545	549.7189	.1239941	.1351167	.2837545	171.3037
Stddev	.0001945	.0000623	2.6967	.0008604	.0003609	.0048902	1.0484
%RSD	2.559129	.7831949	.4905564	.6938817	.2670822	1.723374	.6119955
#1	.0073772	.0078827	550.2327	.1246840	.1351182	.2869858	170.5742
#2	.0077122	.0079863	546.8023	.1242682	.1354767	.2781285	170.8317
#3	.0077160	.0079944	552.1217	.1230300	.1347550	.2861492	172.5050

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.17702	71.54069	.1876173	.0064536	.2148274	.1773088	1.222832
Stddev	.07809	.42106	.0013758	.0006065	.0941934	.0096732	.010206
%RSD	.6412490	.5885643	.7332775	9.398450	43.84610	5.455570	.8345929
#1	12.11709	71.29724	.1863386	.0058589	.1161223	.1665339	1.226581
#2	12.14864	71.29793	.1890730	.0064305	.2246151	.1801469	1.230633
#3	12.26532	72.02689	.1874403	.0070713	.3037448	.1852454	1.211282

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.289456	8.918521	.0019418	.0045015	2.423064	7.404952	.1215171
Stddev	.109800	.034915	.0022125	.0007299	.019698	.052793	.0005381
%RSD	1.324572	.3914895	113.9405	16.21453	.8129521	.7129448	.4427983
#1	8.216981	8.900411	-.000483	.0050961	2.401584	7.367799	.1215491
#2	8.235602	8.958770	.002457	.0047215	2.440282	7.381673	.1209637
#3	8.415785	8.896382	.003851	.0036869	2.427326	7.465384	.1220384

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: P5062-11 Acquired: 12/17/2024 22:48:03 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHL25 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.7937607	.4261928	.1548302
Stddev	.0079553	.0044424	.0025336
%RSD	1.002227	1.042339	1.636352
#1	.7911819	.4217265	.1574449
#2	.7874146	.4262411	.1523865
#3	.8026854	.4306109	.1546591

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2143.546	26366.71	1374.346	1835.959	2196.584
Stddev	9.228	36.62	10.383	9.866	12.032
%RSD	.4304970	.1389010	.7554588	.5373698	.5477524
#1	2152.894	26332.84	1381.806	1845.222	2207.409
#2	2134.443	26405.58	1378.744	1837.070	2183.630
#3	2143.301	26361.71	1362.488	1825.585	2198.714

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: P5062-12 Acquired: 12/17/2024 22:51:54 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHL26 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0912390	-.006893	.3236014	.0479921	.0190804	71.62914	1.570086
Stddev	.0038935	.002846	.0010212	.0012744	.0044420	.88268	.021025
%RSD	4.267371	41.29098	.3155582	2.655357	23.28032	1.232286	1.339125
#1	.0919519	-.006860	.3224944	.0465426	.0241493	72.57812	1.592761
#2	.0870383	-.009756	.3238034	.0484976	.0158671	71.47665	1.566263
#3	.0947267	-.004063	.3245065	.0489362	.0172248	70.83264	1.551235

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0071937	.0059824	479.4902	.1070179	.1390628	.2332848	167.1803
Stddev	.0002880	.0000788	5.9486	.0010530	.0007481	.0099372	2.2134
%RSD	4.003458	1.317847	1.240613	.9839197	.5379692	4.259707	1.323940
#1	.0072478	.0059568	485.5014	.1081261	.1397702	.2243567	169.5382
#2	.0068825	.0060709	479.3630	.1068969	.1382797	.2315066	166.8552
#3	.0074508	.0059195	473.6062	.1060306	.1391384	.2439911	165.1474

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.87748	56.18201	.1918197	.0075627	.5008541	.1467946	.5869263
Stddev	.17122	.82601	.0013899	.0009882	.6930996	.0023258	.0066095
%RSD	1.150884	1.470242	.7245705	13.06692	138.3835	1.584408	1.126128
#1	15.04791	56.95677	.1926320	.0082735	1.292223	.1484167	.5809014
#2	14.87904	56.27640	.1902149	.0064342	.001782	.1478371	.5858816
#3	14.70548	55.31286	.1926123	.0079803	.208558	.1441299	.5939960

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.557607	6.307062	-.005922	.0030145	2.090475	8.168577	.0424617
Stddev	.091392	.018271	.003592	.0005298	.010007	.015814	.0021729
%RSD	1.209271	.2896886	60.65388	17.57406	.4787051	.1935902	5.117392
#1	7.660527	6.301900	-.002385	.0032753	2.090911	8.171057	.0416057
#2	7.485946	6.291927	-.005815	.0024049	2.080256	8.151670	.0449323
#3	7.526347	6.327358	-.009566	.0033633	2.100257	8.183003	.0408472

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: P5062-12 Acquired: 12/17/2024 22:51:54 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHL26 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.6443451	.2428342	.1520643
Stddev	.0079805	.0025915	.0029637
%RSD	1.238542	1.067200	1.948961
#1	.6522687	.2455639	.1542350
#2	.6363089	.2425314	.1532701
#3	.6444577	.2404074	.1486878

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2205.206	27114.08	1402.405	1890.790	2211.611
Stddev	8.972	198.09	7.945	6.994	10.419
%RSD	.4068578	.7305788	.5665591	.3698914	.4711272
#1	2210.586	26937.10	1393.693	1885.089	2214.648
#2	2210.182	27077.10	1404.271	1888.687	2220.174
#3	2194.848	27328.06	1409.252	1898.594	2200.010

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: P5062-13 Acquired: 12/17/2024 22:55:45 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHL27 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0692787	-.009963	.3138480	.0281997	.0192702	58.23234
Stddev	.0024436	.001619	.0024432	.0020392	.0006303	1.03522
%RSD	3.527167	16.25004	.7784577	7.231480	3.270981	1.777737
#1	.0670898	-.011663	.3115751	.0268404	.0187483	59.00563
#2	.0719151	-.009788	.3135372	.0305445	.0190919	58.63512
#3	.0688312	-.008439	.3164317	.0272141	.0199705	57.05627

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.276415	.0065949	.0051761	F 966.7318	.0966958	.1400081
Stddev	.026788	.0001863	.0001293	20.1559	.0006927	.0002118
%RSD	2.098655	2.824654	2.497106	2.084955	.7163399	.1512725
#1	1.296455	.0066533	.0052398	980.9958	.0970232	.1399353
#2	1.286800	.0067451	.0050273	975.5268	.0959001	.1402467
#3	1.245990	.0063865	.0052611	943.6729	.0971640	.1398422

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2310923	159.6846	11.07307	76.49233	.1887998	.0041489
Stddev	.0124000	3.2869	.22162	1.58188	.0002272	.0008703
%RSD	5.365797	2.058365	2.001427	2.068023	.1203365	20.97769
#1	.2449135	161.9295	11.23147	77.66663	.1889339	.0046584
#2	.2274205	161.2125	11.16794	77.11683	.1885374	.0046443
#3	.2209430	155.9119	10.81981	74.69352	.1889279	.0031439

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.270829	.1492387	.5308852	9.554085	6.329271	.0161705
Stddev	.320923	.0050278	.0092695	.347112	.030909	.0018950
%RSD	118.4965	3.368950	1.746042	3.633123	.4883446	11.71856
#1	-.629330	.1468554	.5393440	9.731825	6.328270	.0177746
#2	-.172812	.1458458	.5209761	9.776331	6.298876	.0140797
#3	-.010344	.1550149	.5323356	9.154100	6.360669	.0166572

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: P5062-13 Acquired: 12/17/2024 22:55:45 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHL27 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007432	1.643847	7.069042	.0314018	.6882564	.6041205
Stddev	.0003151	.010015	.117591	.0021349	.0175510	.0132762
%RSD	42.39405	.6092439	1.663470	6.798765	2.550065	2.197599
#1	.0004910	1.638335	7.174709	.0325732	.7040456	.6146822
#2	.0010964	1.637799	7.090058	.0289376	.6913646	.6084624
#3	.0006422	1.655407	6.942360	.0326945	.6693589	.5892171

Elem	Li6707
Units	ppm
Avg	.1665096
Stddev	.0055553
%RSD	3.336320
#1	.1660639
#2	.1722743
#3	.1611906

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2078.495	25591.63	1349.776	1774.680	2090.969
Stddev	4.357	56.99	22.954	5.023	9.449
%RSD	.2096254	.2226933	1.700545	.2830332	.4518886
#1	2081.216	25540.89	1331.197	1770.586	2094.185
#2	2080.799	25580.69	1342.695	1773.170	2098.390
#3	2073.469	25653.29	1375.436	1780.285	2080.332

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: P5062-14 Acquired: 12/17/2024 22:59:37 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHL68 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0570975	.0055258	.3444034	.0153376	.0129215	51.74582
Stddev	.0043192	.0091894	.0008647	.0041093	.0032606	.13931
%RSD	7.564608	166.2991	.2510707	26.79216	25.23358	.2692121
#1	.0610347	-.001743	.3434502	.0129104	.0094600	51.89910
#2	.0577802	.002466	.3446226	.0200822	.0133700	51.71144
#3	.0524776	.015855	.3451374	.0130203	.0159347	51.62692

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6850083	.0059982	.0040638	F 949.6293	.0872728	.1178991
Stddev	.0012985	.0000731	.0001416	1.7602	.0011178	.0006941
%RSD	.1895531	1.218954	3.483570	.1853550	1.280799	.5887294
#1	.6838301	.0059283	.0041689	951.6595	.0882650	.1186995
#2	.6864004	.0060742	.0039028	948.6971	.0874917	.1175362
#3	.6847945	.0059922	.0041198	948.5313	.0860618	.1174618

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1677424	135.3229	8.379705	85.64843	.1426952	.0030178
Stddev	.0146086	.2784	.023494	.08988	.0007022	.0010910
%RSD	8.708968	.2057320	.2803650	.1049352	.4920907	36.15118
#1	.1845945	135.5321	8.404787	85.66567	.1434102	.0041431
#2	.1586702	135.4297	8.358213	85.72844	.1420065	.0019647
#3	.1599625	135.0069	8.376114	85.55119	.1426690	.0029456

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.107492	.1370888	.5148738	7.480771	5.601399	.0171453
Stddev	.231722	.0049956	.0129442	.228796	.019953	.0015323
%RSD	215.5726	3.644039	2.514052	3.058454	.3562071	8.936969
#1	-.373353	.1328381	.5020739	7.506648	5.591951	.0166787
#2	-.000704	.1358371	.5145900	7.695528	5.587925	.0188566
#3	.051582	.1425912	.5279576	7.240137	5.624321	.0159005

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: P5062-14 Acquired: 12/17/2024 22:59:37 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHL68 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0012818	1.708329	7.087473	.0368178	.7944407	.8401092
Stddev	.0003895	.004895	.045409	.0031603	.0065900	.0021248
%RSD	30.38892	.2865426	.6406995	8.583640	.8295155	.2529175
#1	.0013140	1.708468	7.117694	.0333308	.7981560	.8419500
#2	.0016543	1.703365	7.035254	.0376295	.7868319	.8377840
#3	.0008772	1.713153	7.109471	.0394930	.7983343	.8405934

Elem	Li6707
Units	ppm
Avg	.1490402
Stddev	.0054802
%RSD	3.677008
#1	.1435336
#2	.1544937
#3	.1490934

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2016.565	24939.06	1312.561	1722.003	2082.735
Stddev	10.411	258.83	7.681	10.684	9.660
%RSD	.5162821	1.037840	.5851825	.6204244	.4638054
#1	2013.236	24802.83	1304.205	1718.942	2080.982
#2	2028.234	24776.79	1314.164	1713.184	2093.152
#3	2008.225	25237.55	1319.314	1733.883	2074.072

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: P5062-15 Acquired: 12/17/2024 23:03:29 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHL69 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1492897	-.018508	.6915021	.0692153	.0274713	65.75443	1.462192
Stddev	.0031603	.001686	.0022866	.0026518	.0017380	.51116	.009844
%RSD	2.116872	9.107911	.3306647	3.831294	6.326731	.7773788	.6732439
#1	.1471731	-.017784	.6920900	.0661578	.0264685	65.93699	1.466568
#2	.1477737	-.020435	.6889790	.0705989	.0264672	65.17706	1.450919
#3	.1529224	-.017306	.6934373	.0708893	.0294782	66.14925	1.469089

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0071190	.0086826	61.86104	.1170487	.1182914	.2190552	162.3660
Stddev	.0001254	.0000973	.47522	.0006994	.0000643	.0103745	.9991
%RSD	1.761534	1.121231	.7682047	.5975368	.0543546	4.736011	.6153495
#1	.0072333	.0086188	62.13483	.1169330	.1182750	.2265992	162.9976
#2	.0071388	.0087947	61.31230	.1164144	.1182368	.2072243	161.2141
#3	.0069848	.0086344	62.13599	.1177988	.1183623	.2233420	162.8863

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	20.41712	25.67873	.2150843	.0087120	-.009947	.1501939	.7296861
Stddev	.08526	.03896	.0007450	.0004707	.817626	.0089044	.0121198
%RSD	.4175787	.1517334	.3463939	5.403247	8219.827	5.928635	1.660967
#1	20.49725	25.66887	.2146290	.0092498	-.942524	.1561125	.7213378
#2	20.32752	25.64564	.2146799	.0085113	.328917	.1399534	.7241330
#3	20.42660	25.72167	.2159441	.0083749	.583766	.1545159	.7435875

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.616726	8.093627	.0017511	.0056963	4.816865	8.303811	.0569595
Stddev	.104624	.029517	.0033164	.0002655	.024995	.031217	.0014903
%RSD	1.214198	.3646936	189.3925	4.660187	.5189053	.3759385	2.616432
#1	8.718616	8.084606	.0007453	.0056935	4.803048	8.331394	.0580266
#2	8.509567	8.069674	-.000946	.0059631	4.801830	8.269922	.0552568
#3	8.621996	8.126602	.005454	.0054322	4.845718	8.310115	.0575950

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: P5062-15 Acquired: 12/17/2024 23:03:29 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHL69 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.9070766	-.051816	.1026496
Stddev	.0117056	.000218	.0066981
%RSD	1.290475	.4208748	6.525232
#1	.9052001	-.051856	.1097791
#2	.8964226	-.051581	.1016817
#3	.9196071	-.052012	.0964881

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2393.398	29349.30	1473.649	2040.132	2429.713
Stddev	9.905	76.78	5.014	5.427	10.240
%RSD	.4138571	.2615997	.3402625	.2660206	.4214683
#1	2402.254	29381.22	1469.226	2045.182	2436.619
#2	2395.239	29261.72	1479.096	2034.394	2434.573
#3	2382.702	29404.98	1472.625	2040.821	2417.947

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: P5062-16 Acquired: 12/17/2024 23:07:18 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHLC8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1214501	-.042677	1.102499	.0571139	.0231966	58.10806	.9445155
Stddev	.0025851	.001450	.005846	.0040431	.0027552	.33750	.0046555
%RSD	2.128508	3.398419	.5302706	7.078989	11.87746	.5808062	.4928926
#1	.1233112	-.043842	1.096557	.0606151	.0262268	58.26278	.9457882
#2	.1225406	-.041053	1.108244	.0526889	.0225207	57.72094	.9393561
#3	.1184984	-.043137	1.102695	.0580378	.0208423	58.34046	.9484023

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0072565	.0070199	57.39966	.2515679	.0917706	.2655504	148.6224
Stddev	.0000900	.0000263	.38400	.0007767	.0010266	.0198922	.8164
%RSD	1.240596	.3739712	.6689997	.3087610	1.118640	7.490937	.5493117
#1	.0073462	.0070045	57.46473	.2524577	.0905862	.2726921	148.8849
#2	.0071661	.0070049	56.98729	.2512205	.0924056	.2430733	147.7071
#3	.0072572	.0070502	57.74698	.2510254	.0923200	.2808858	149.2753

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.132826	22.53002	.1441632	.0049849	.1377037	.1595907	.9047167
Stddev	.036384	.20604	.0013193	.0008169	.5979182	.0077067	.0172209
%RSD	.5932603	.9144913	.9151331	16.38836	434.2063	4.829029	1.903454
#1	6.143078	22.29888	.1437770	.0045593	-.002467	.1681007	.9119609
#2	6.092416	22.59679	.1456324	.0044687	-.377677	.1530823	.9171321
#3	6.162984	22.69438	.1430800	.0059268	.793255	.1575891	.8850572

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.617793	8.481035	-.012567	.0040530	2.131923	7.673029	.0747602
Stddev	.135131	.032774	.003238	.0004470	.009604	.039075	.0013131
%RSD	2.405407	.3864426	25.76601	11.02896	.4505006	.5092490	1.756479
#1	5.735796	8.447745	-.016180	.0037217	2.127228	7.717882	.0761929
#2	5.470379	8.482091	-.011594	.0045614	2.125569	7.646362	.0744735
#3	5.647204	8.513268	-.009927	.0038760	2.142972	7.654842	.0736140

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: P5062-16 Acquired: 12/17/2024 23:07:18 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHLC8 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	1.100189	-.006046	.1108348
Stddev	.005414	.000124	.0042863
%RSD	.4920735	2.044555	3.867307
#1	1.104962	-.006066	.1086483
#2	1.094307	-.006159	.1080827
#3	1.101299	-.005914	.1157735

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2143.414	26311.02	1347.823	1826.428	2407.340
Stddev	5.731	98.36	8.560	4.287	4.490
%RSD	.2673730	.3738514	.6350831	.2347144	.1865265
#1	2148.978	26245.06	1341.833	1822.242	2411.696
#2	2143.735	26424.08	1357.627	1830.809	2402.727
#3	2137.530	26263.93	1344.009	1826.235	2407.597

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: P5062-17 Acquired: 12/17/2024 23:11:09 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHLC9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0938941	-.060068	.5219432	.0712491	.0326415	70.57253	.8400178
Stddev	.0104493	.003859	.0014881	.0041212	.0038881	1.05705	.0123907
%RSD	11.12881	6.424625	.2851151	5.784161	11.91151	1.497820	1.475047
#1	.0887410	-.055878	.5203827	.0716640	.0366452	71.79304	.8542758
#2	.1059190	-.060848	.5221002	.0751471	.0323991	69.97285	.8339191
#3	.0870223	-.063477	.5233466	.0669362	.0288803	69.95168	.8318585

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0080611	.0046897	37.33069	.1725727	.0953582	.1628718	173.2783
Stddev	.0002588	.0000814	.49674	.0016426	.0011598	.0176040	2.6183
%RSD	3.210205	1.736142	1.330639	.9518045	1.216245	10.80851	1.511051
#1	.0083533	.0046038	37.90259	.1737182	.0942108	.1798568	176.2839
#2	.0079694	.0046996	37.00678	.1733090	.0965300	.1640506	171.4921
#3	.0078607	.0047658	37.08268	.1706908	.0953338	.1447080	172.0589

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.182619	22.33276	.1433790	.0052475	.3422430	.1966028	.4802501
Stddev	.095208	.29319	.0002369	.0013586	.4780238	.0178470	.0247314
%RSD	1.539936	1.312817	.1651992	25.88959	139.6738	9.077667	5.149683
#1	6.291519	22.66254	.1436309	.0063827	-.135954	.2171588	.5063257
#2	6.115122	22.23417	.1431608	.0056174	.820094	.1850587	.4571282
#3	6.141217	22.10158	.1433454	.0037423	.342589	.1875910	.4772965

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.882314	7.687308	-.024256	.0031560	1.561631	7.443658	.0656737
Stddev	.294944	.029884	.003709	.0001358	.006827	.097012	.0013752
%RSD	5.014080	.3887483	15.29011	4.303397	.4371980	1.303285	2.093939
#1	5.977615	7.655113	-.024635	.0032971	1.555709	7.548588	.0666136
#2	5.551502	7.714161	-.027760	.0031449	1.560085	7.425160	.0640953
#3	6.117825	7.692651	-.020372	.0030261	1.569099	7.357227	.0663121

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: P5062-17 Acquired: 12/17/2024 23:11:09 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHLC9 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	1.257575	-.060946	.1402780
Stddev	.018978	.000602	.0033796
%RSD	1.509093	.9871282	2.409236
#1	1.279362	-.061568	.1429976
#2	1.244648	-.060367	.1364944
#3	1.248713	-.060902	.1413420

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2224.644	27487.18	1383.760	1919.215	2449.415
Stddev	7.379	229.55	23.417	11.836	7.717
%RSD	.3316901	.8351080	1.692293	.6167307	.3150753
#1	2233.164	27270.50	1357.950	1911.866	2457.811
#2	2220.312	27463.30	1389.682	1912.909	2442.631
#3	2220.456	27727.73	1403.648	1932.869	2447.802

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: P5062-18 Acquired: 12/17/2024 23:15:01 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHLD0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0624618	-.087358	.1763273	.0963736	.0396497	72.37684	.7530978
Stddev	.0013955	.007100	.0050131	.0007654	.0012745	.40757	.0062729
%RSD	2.234108	8.126943	2.843088	.7941769	3.214298	.5631204	.8329420
#1	.0638850	-.090151	.1761741	.0956894	.0393507	72.24193	.7536852
#2	.0610959	-.079287	.1713925	.0972002	.0410470	72.05383	.7465519
#3	.0624044	-.092636	.1814153	.0962312	.0385513	72.83476	.7590563

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0097310	.0038296	25.33749	.1498452	.1105900	.1132995	218.7599
Stddev	.0000516	.0000612	.22650	.0010584	.0001149	.0096133	1.0892
%RSD	.5300340	1.596989	.8939489	.7062982	.1038818	8.484811	.4978936
#1	.0097116	.0038053	25.42280	.1494128	.1105017	.1061320	218.3737
#2	.0096919	.0038991	25.08072	.1490715	.1105485	.1095425	217.9164
#3	.0097894	.0037843	25.50896	.1510513	.1107199	.1242239	219.9895

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.812532	32.66048	.2183615	.0048894	.0437057	.1651206	.3445050
Stddev	.053155	.08014	.0012253	.0001075	.8161856	.0147137	.0017379
%RSD	.6803839	.2453700	.5611500	2.199117	1867.460	8.910874	.5044680
#1	7.780839	32.59270	.2181040	.0049516	-.807991	.1787137	.3439618
#2	7.782859	32.63982	.2172853	.0049514	.819009	.1494972	.3464496
#3	7.873900	32.74893	.2196951	.0047653	.120098	.1671509	.3431035

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.922642	5.208479	-.022049	.0017501	.7512464	7.894839	.0365388
Stddev	.046117	.039529	.006038	.0002223	.0065789	.064390	.0009163
%RSD	.4647629	.7589354	27.38424	12.70170	.8757272	.8155914	2.507762
#1	9.943559	5.204530	-.021023	.0019279	.7571258	7.856804	.0357194
#2	9.869774	5.171072	-.016590	.0015009	.7441407	7.858531	.0375282
#3	9.954594	5.249834	-.028534	.0018216	.7524727	7.969183	.0363687

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: P5062-18 Acquired: 12/17/2024 23:15:01 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHLD0 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	1.353233	-.130031	.1567933
Stddev	.008060	.000646	.0047052
%RSD	.5955926	.4971564	3.000888
#1	1.350340	-.130408	.1614663
#2	1.347019	-.129284	.1568572
#3	1.362340	-.130400	.1520565

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2265.751	27752.53	1403.608	1939.975	2406.316
Stddev	8.176	176.54	3.746	6.284	13.738
%RSD	.3608490	.6361352	.2669154	.3239207	.5709228
#1	2261.207	27663.52	1406.667	1935.084	2404.423
#2	2275.190	27638.20	1404.728	1937.779	2420.903
#3	2260.856	27955.86	1399.429	1947.062	2393.623

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: P5062-19 Acquired: 12/17/2024 23:18:52 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHLD1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1463213	-.035973	.2694091	.0901688	.0299890	57.90793	1.481223
Stddev	.0006687	.001586	.0021668	.0048131	.0019852	.67973	.016565
%RSD	.4569871	4.408202	.8042814	5.337833	6.619857	1.173803	1.118330
#1	.1468115	-.037437	.2673085	.0868382	.0286255	57.18187	1.465300
#2	.1455596	-.036194	.2692823	.0956871	.0290749	58.01279	1.480006
#3	.1465929	-.034288	.2716366	.0879811	.0322666	58.52914	1.498363

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0061560	.0071619	35.96661	.1102030	.1410824	.2080552	187.7786
Stddev	.0001474	.0001032	.52968	.0013325	.0008821	.0065620	1.9238
%RSD	2.394058	1.441211	1.472687	1.209144	.6252374	3.153963	1.024500
#1	.0060953	.0070546	35.46818	.1111451	.1402035	.2053736	185.7983
#2	.0060487	.0072604	35.90884	.1107854	.1419677	.2032588	187.8970
#3	.0063241	.0071708	36.52280	.1086784	.1410761	.2155334	189.6404

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	22.71035	31.35515	.2684997	.0066500	-.316040	.1529754	.4376669
Stddev	.24936	.39305	.0002655	.0005332	.283976	.0029819	.0174368
%RSD	1.097992	1.253551	.0988763	8.017444	89.85441	1.949261	3.984031
#1	22.44585	30.96308	.2686606	.0060347	-.608709	.1508108	.4344336
#2	22.74407	31.35319	.2686453	.0069407	-.297770	.1517388	.4220731
#3	22.94113	31.74918	.2681933	.0069747	-.041640	.1563767	.4564940

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.601076	5.775031	-.022688	.0060749	.6651975	7.306492	.0290746
Stddev	.103584	.029449	.000857	.0002396	.0075480	.091559	.0023157
%RSD	1.362748	.5099297	3.775739	3.944400	1.134708	1.253119	7.964736
#1	7.584433	5.751999	-.022255	.0059320	.6641827	7.200831	.0281271
#2	7.711973	5.764883	-.022135	.0059412	.6732016	7.356160	.0273829
#3	7.506821	5.808212	-.023675	.0063516	.6582082	7.362484	.0317138

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: P5062-19 Acquired: 12/17/2024 23:18:52 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHLD1 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.8179137	-.083357	.1195916
Stddev	.0085297	.000940	.0067855
%RSD	1.042859	1.127880	5.673911
#1	.8105959	-.082272	.1119253
#2	.8158635	-.083900	.1248263
#3	.8272816	-.083901	.1220231

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2304.990	28320.65	1428.714	1982.118	2405.686
Stddev	10.012	116.64	15.164	7.669	11.544
%RSD	.4343572	.4118473	1.061409	.3869106	.4798738
#1	2312.601	28189.63	1445.862	1974.198	2413.905
#2	2308.721	28359.18	1423.213	1982.649	2410.664
#3	2293.648	28413.15	1417.068	1989.508	2392.488

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: P5062-20 Acquired: 12/17/2024 23:22:43 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHLD2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1662731	-.015194	.3560781	.1215512	.0406697	77.17804
Stddev	.0017419	.004897	.0025081	.0035869	.0015617	.19902
%RSD	1.047622	32.22773	.7043575	2.950958	3.840025	.2578749
#1	.1680059	-.016884	.3581893	.1236821	.0421839	77.39283
#2	.1662911	-.009676	.3567394	.1174099	.0407608	77.14140
#3	.1645222	-.019022	.3533057	.1235614	.0390645	76.99987

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.744421	.0061297	.0150012	42.82757	.1774108	.1641331
Stddev	.007557	.0001204	.0001062	.29272	.0017298	.0009790
%RSD	.2753557	1.963717	.7079418	.6834893	.9750456	.5964682
#1	2.745512	.0062577	.0148914	43.16147	.1783680	.1631105
#2	2.751374	.0061127	.0150089	42.70613	.1784504	.1642270
#3	2.736378	.0060187	.0151034	42.61511	.1754139	.1650617

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3078819	248.1098	F 44.11982	37.78531	.4618041	.0129716
Stddev	.0074321	1.2777	.20986	.17014	.0020541	.0010178
%RSD	2.413945	.5149580	.4756554	.4502772	.4447977	7.846547
#1	.3158638	248.5445	44.22942	37.84087	.4600001	.0124155
#2	.3066207	249.1133	44.25218	37.92072	.4613725	.0141463
#3	.3011610	246.6715	43.87785	37.59433	.4640397	.0123530

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7142637	.2221481	.6791552	11.29244	7.826036	-.048637
Stddev	.4429883	.0113662	.0143165	.11876	.031218	.001683
%RSD	62.02028	5.116510	2.107986	1.051635	.3989000	3.460373
#1	.6675463	.2171612	.6936228	11.16297	7.796913	-.050425
#2	1.178759	.2141277	.6788482	11.31805	7.822199	-.048402
#3	.296485	.2351553	.6649947	11.39631	7.858995	-.047083

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: P5062-20 Acquired: 12/17/2024 23:22:43 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHLD2 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0041819	.9436907	7.207376	.2145373	1.550516	-.094586
Stddev	.0004888	.0045666	.021556	.0018224	.009631	.000709
%RSD	11.68893	.4839082	.2990792	.8494573	.6211158	.7496354
#1	.0046656	.9473298	7.222755	.2124330	1.545090	-.094160
#2	.0041918	.9385664	7.216635	.2156035	1.561635	-.095404
#3	.0036882	.9451759	7.182737	.2155753	1.544823	-.094193

Elem	Li6707
Units	ppm
Avg	.1497870
Stddev	.0024443
%RSD	1.631844
#1	.1525182
#2	.1478049
#3	.1490379

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2463.343	30243.76	1536.756	2113.222	2375.934
Stddev	14.529	118.67	6.308	7.352	14.561
%RSD	.5898036	.3923736	.4104812	.3479091	.6128331
#1	2473.616	30111.05	1532.619	2104.818	2389.993
#2	2469.694	30280.57	1533.632	2116.382	2376.890
#3	2446.720	30339.67	1544.016	2118.466	2360.919

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: P5062-21 Acquired: 12/17/2024 23:26:31 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHLD3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0572370	-.004381	.4081491	.0263007	.0147232	42.20449	.4651824
Stddev	.0025780	.003329	.0042634	.0059949	.0017589	.05175	.0004610
%RSD	4.504031	76.00229	1.044560	22.79376	11.94654	.1226226	.0991034
#1	.0560466	-.008203	.4033596	.0331896	.0142279	42.20026	.4657138
#2	.0601951	-.002827	.4095584	.0222682	.0132650	42.15498	.4649433
#3	.0554693	-.002112	.4115294	.0234443	.0166766	42.25823	.4648900

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0051818	.0032184	417.4158	.0815264	.1153744	.2252865	135.0015
Stddev	.0001213	.0001446	.7693	.0012472	.0003402	.0158459	.0327
%RSD	2.341312	4.492146	.1842910	1.529781	.2948445	7.033664	.0242465
#1	.0052851	.0033102	416.7122	.0804159	.1150339	.2312217	134.9642
#2	.0052121	.0030518	418.2371	.0828757	.1157143	.2373079	135.0252
#3	.0050482	.0032933	417.2981	.0812876	.1153750	.2073298	135.0152

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.359449	84.17925	.1601936	.0040803	-.159090	.1115962	.5212445
Stddev	.007868	.36645	.0009599	.0004341	.995954	.0063900	.0143879
%RSD	.1069091	.4353219	.5992358	10.63943	626.0332	5.726024	2.760293
#1	7.354388	83.92190	.1594091	.0035968	.453353	.1169572	.5119754
#2	7.368513	84.01703	.1612640	.0042077	-1.30829	.1045251	.5378195
#3	7.355445	84.59881	.1599078	.0044366	.37767	.1133064	.5139386

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.510654	9.617540	-.006173	.0036289	.7973630	6.659119	.0365194
Stddev	.033792	.072033	.003385	.0003603	.0086330	.031569	.0020659
%RSD	.7491617	.7489789	54.84144	9.929548	1.082688	.4740769	5.657095
#1	4.512872	9.534384	-.008504	.0032755	.7893133	6.695437	.0346747
#2	4.475807	9.660721	-.002290	.0036155	.7962958	6.643673	.0387517
#3	4.543282	9.657517	-.007725	.0039958	.8064800	6.638246	.0361320

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: P5062-21 Acquired: 12/17/2024 23:26:31 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHLD3 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.7986022	.3360597	.1204758
Stddev	.0025862	.0002408	.0057543
%RSD	.3238371	.0716476	4.776347
#1	.7995904	.3360943	.1207966
#2	.8005485	.3362814	.1260631
#3	.7956676	.3358035	.1145678

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2075.323	25670.26	1317.810	1779.216	2218.971
Stddev	17.673	213.95	5.971	11.406	23.469
%RSD	.8515805	.8334582	.4531173	.6410621	1.057672
#1	2095.578	25904.41	1312.125	1792.377	2245.886
#2	2063.042	25484.97	1324.031	1773.049	2202.772
#3	2067.350	25621.39	1317.272	1772.221	2208.255

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: P5062-22 Acquired: 12/17/2024 23:30:22 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHL44 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1387491	-.015655	2.542891	.0421400	.0198302	66.34781
Stddev	.0028322	.007893	.012404	.0031732	.0030062	.17552
%RSD	2.041260	50.41836	.4878002	7.530167	15.16000	.2645449
#1	.1355306	-.007644	2.532229	.0435161	.0232899	66.44499
#2	.1408609	-.023425	2.539940	.0385110	.0183456	66.14520
#3	.1398557	-.015897	2.556505	.0443929	.0178550	66.45325

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.748436	.0073535	.0076047	285.1768	.1558513	.1199351
Stddev	.010016	.0001547	.0001331	.6693	.0014838	.0005801
%RSD	.5728808	2.103828	1.750294	.2346966	.9520551	.4837145
#1	1.754916	.0072336	.0077570	285.1851	.1559103	.1195510
#2	1.736899	.0075281	.0075464	284.5034	.1543390	.1206025
#3	1.753492	.0072988	.0075107	285.8420	.1573048	.1196519

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7319415	148.4343	7.687472	47.63191	.1733973	.0072718
Stddev	.0107602	.7548	.038430	.33684	.0009117	.0000662
%RSD	1.470088	.5084876	.4999079	.7071657	.5257975	.9108103
#1	.7393243	148.1616	7.684434	47.54376	.1740301	.0073298
#2	.7195955	147.8538	7.650652	47.34791	.1723523	.0071996
#3	.7369046	149.2875	7.727332	48.00406	.1738095	.0072860

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0071103	.1613528	1.788642	10.88163	F 14.00532	.0395959
Stddev	.2582993	.0055638	.022753	.06357	.05719	.0033155
%RSD	3632.761	3.448210	1.272066	.5841834	.4083573	8.373255
#1	-.165856	.1554704	1.772525	10.93323	13.94036	.0357781
#2	.304023	.1620572	1.778733	10.90104	14.02752	.0412593
#3	-.116836	.1665309	1.814669	10.81062	14.04808	.0417504

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: P5062-22 Acquired: 12/17/2024 23:30:22 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHL44 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0029965	3.171301	7.819989	.1809273	.7273390	.2717794
Stddev	.0003891	.016271	.030694	.0012408	.0049785	.0015138
%RSD	12.98426	.5130641	.3925058	.6857955	.6844850	.5570096
#1	.0032916	3.152573	7.854584	.1796969	.7231530	.2715394
#2	.0031423	3.181972	7.796020	.1809069	.7260196	.2703999
#3	.0025556	3.179356	7.809364	.1821782	.7328443	.2733989

Elem	Li6707
Units	ppm
Avg	.1493631
Stddev	.0040081
%RSD	2.683467
#1	.1491486
#2	.1454666
#3	.1534742

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2147.888	26486.57	1347.382	1835.286	2270.815
Stddev	.469	56.63	4.581	4.015	5.191
%RSD	.0218359	.2138077	.3400141	.2187713	.2286049
#1	2148.264	26447.01	1342.098	1830.973	2276.104
#2	2148.039	26551.44	1350.233	1838.916	2270.614
#3	2147.362	26461.26	1349.817	1835.969	2265.727

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: P5055-01 Acquired: 12/17/2024 23:34:12 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHKS4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0826906	-.039422	1.281301	.0512317	.0248182	62.57892
Stddev	.0016533	.004388	.004827	.0049429	.0014170	.29637
%RSD	1.999376	11.13052	.3767222	9.648033	5.709413	.4735893
#1	.0845577	-.038165	1.278511	.0565192	.0244881	62.54574
#2	.0814122	-.044300	1.278517	.0467269	.0235954	62.89048
#3	.0821020	-.035799	1.286874	.0504489	.0263711	62.30054

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.236705	.0080501	.0074165	128.6043	.1181072	.1021209
Stddev	.003933	.0000614	.0001180	.6368	.0006329	.0011764
%RSD	.3180180	.7630003	1.591225	.4951809	.5358897	1.151969
#1	1.239722	.0081129	.0075157	128.9478	.1184399	.1010080
#2	1.238136	.0079901	.0072860	128.9956	.1173773	.1020028
#3	1.232257	.0080472	.0074478	127.8695	.1185044	.1033519

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2805221	158.4637	4.367256	41.55663	.1750243	.0045399
Stddev	.0116609	.7569	.013854	.10465	.0003821	.0009702
%RSD	4.156863	.4776291	.3172204	.2518153	.2183169	21.37160
#1	.2670911	158.8197	4.367988	41.58046	.1750597	.0047157
#2	.2880639	158.9769	4.380729	41.64730	.1746258	.0054102
#3	.2864114	157.5945	4.353050	41.44212	.1753875	.0034938

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.057457	.1771707	1.757861	9.923673	F 16.27213	.0014676
Stddev	1.155719	.0061267	.018698	.093818	.07088	.0028480
%RSD	2011.445	3.458071	1.063697	.9453929	.4355703	194.0631
#1	-1.29166	.1713060	1.742319	10.02601	16.24898	.0018328
#2	.12006	.1766766	1.778611	9.84172	16.21572	.0041154
#3	.99923	.1835294	1.752653	9.90330	16.35168	-.001545

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: P5055-01 Acquired: 12/17/2024 23:34:12 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHKS4 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0073570	4.053715	8.701830	.0770345	.9550747	.0796991
Stddev	.0003231	.009257	.039848	.0015831	.0050891	.0005227
%RSD	4.391835	.2283640	.4579319	2.054995	.5328534	.6557745
#1	.0077301	4.054585	8.719259	.0752068	.9531239	.0800496
#2	.0071690	4.044053	8.729995	.0779725	.9608507	.0799494
#3	.0071719	4.062506	8.656237	.0779243	.9512496	.0790984

Elem	Li6707
Units	ppm
Avg	.1232619
Stddev	.0013604
%RSD	1.103628
#1	.1248293
#2	.1225679
#3	.1223885

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2206.737	27093.50	1382.743	1884.113	2349.733
Stddev	2.589	40.73	3.383	6.175	5.965
%RSD	.1173420	.1503495	.2446629	.3277367	.2538419
#1	2203.801	27051.65	1383.385	1878.744	2344.273
#2	2207.719	27095.82	1379.085	1882.733	2356.098
#3	2208.692	27133.02	1385.759	1890.861	2348.827

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: CCV053 Acquired: 12/17/2024 23:38:03 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: CCV053 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.132632	4.982770	24.66204	5.170294	5.146518	393.3237	10.22689
Stddev	.018067	.029144	.12896	.025026	.028290	2.6135	.07595
%RSD	.3520040	.5848907	.5229135	.4840325	.5496921	.6644643	.7426218
#1	5.125283	4.954553	24.56371	5.147474	5.128377	390.3173	10.14045
#2	5.119397	4.980997	24.61435	5.166352	5.132062	394.5993	10.25729
#3	5.153215	5.012759	24.80805	5.197057	5.179115	395.0544	10.28293

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5152824	2.494194	406.0684	15.52989	2.507725	15.08043	402.1083
Stddev	.0018120	.011302	3.4796	.10931	.011440	.15652	2.6813
%RSD	.3516467	.4531164	.8569003	.7038801	.4562043	1.037914	.6668141
#1	.5151661	2.486100	402.0586	15.55760	2.499175	14.90698	399.0184
#2	.5135315	2.489375	408.2942	15.62268	2.503279	15.12314	403.4831
#3	.5171498	2.507106	407.8524	15.40939	2.520721	15.21115	403.8233

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.54063	402.4940	2.504804	1.290545	391.2049	2.523407	15.43136
Stddev	.13577	3.9049	.008004	.006829	2.5156	.017016	.23977
%RSD	.8736675	.9701663	.3195569	.5291810	.6430367	.6743243	1.553758
#1	15.39216	398.0405	2.500016	1.295718	388.6906	2.503804	15.17976
#2	15.57125	404.1099	2.500350	1.293114	391.2024	2.534356	15.65721
#3	15.65848	405.3315	2.514044	1.282804	393.7217	2.532062	15.45710

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	155.0141	4.967415	4.875900	4.753822	4.944415	4.999983	5.012650
Stddev	1.3831	.024623	.024417	.023638	.024555	.015681	.024720
%RSD	.8922525	.4956891	.5007685	.4972403	.4966251	.3136138	.4931546
#1	153.4442	4.947808	4.848248	4.735412	4.929202	4.983353	5.002398
#2	155.5449	4.959386	4.894493	4.745577	4.931301	5.002095	4.994706
#3	156.0531	4.995050	4.884958	4.780479	4.972743	5.014500	5.040847

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: CCV053 Acquired: 12/17/2024 23:38:03 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: CCV053 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	5.066057	4.796442	5.075360
Stddev	.043145	.041896	.054544
%RSD	.8516390	.8734724	1.074679
#1	5.016823	4.749683	5.019849
#2	5.084083	4.809077	5.077349
#3	5.097265	4.830566	5.128882

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1526.736	20772.45	1124.693	1357.440	1982.864
Stddev	3.350	111.67	5.311	9.783	3.051
%RSD	.2193912	.5376078	.4722295	.7207213	.1538539
#1	1529.513	20730.54	1129.408	1357.153	1985.473
#2	1527.679	20687.79	1125.730	1347.803	1983.611
#3	1523.016	20899.02	1118.939	1367.364	1979.510

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: CCB053 Acquired: 12/17/2024 23:41:40 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: CCB053 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0014727	.0056361	-.001425	-.004298	-.002192	.0474694
Stddev	.0030747	.0005022	.000389	.000615	.001135	.0281596
%RSD	208.7867	8.910607	27.28159	14.30001	51.75585	59.32155
#1	.0039393	.0062160	-.001826	-.004401	-.002433	.0692047
#2	-.001972	.0053453	-.001050	-.003638	-.000957	.0156579
#3	.002451	.0053470	-.001399	-.004855	-.003187	.0575456

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0035767	.0000481	-.000125	-.038222	.0015608	-.000216
Stddev	.0012235	.0000551	.000106	.090547	.0004286	.000307
%RSD	34.20633	114.5333	84.62239	236.8944	27.45975	141.9043
#1	.0037035	.0000103	-.000042	-.142611	.0018265	.000099
#2	.0047319	.0001114	-.000244	.019067	.0017896	-.000514
#3	.0022948	.0000227	-.000089	.008877	.0010664	-.000234

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003237	.0086587	.0006624	-.012051	.0000442	.0008463
Stddev	.009536	.0804118	.0016145	.067540	.0011136	.0008913
%RSD	294.6061	928.6847	243.7381	560.4546	2516.822	105.3244
#1	-.014176	.0996156	.0002668	.037657	-.000603	.0000039
#2	.001139	-.052981	-.000718	.015139	.001330	.0017796
#3	.003326	-.020658	.002438	-.088949	-.000595	.0007554

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.959911	.0101974	.0243493	-.092292	.0008842	.0151419
Stddev	.558443	.0090772	.0157145	.228761	.0020414	.0027660
%RSD	58.17658	89.01540	64.53771	247.8671	230.8921	18.26724
#1	-1.58433	.0136081	.0402375	.002689	-.000195	.0183138
#2	-.50829	-.000091	.0088144	-.353243	-.000391	.0132316
#3	-.78711	.017075	.0239962	.073679	.003239	.0138804

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: CCB053 Acquired: 12/17/2024 23:41:40 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: CCB053 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000649	.0071841	.0000449	.0002820	-.004678	.0000021
Stddev	.000177	.0023052	.0007989	.0006989	.002725	.0002039
%RSD	27.31162	32.08713	1778.956	247.8762	58.23944	9913.058
#1	-.000579	.0059058	-.000250	-.000484	-.002468	.0000407
#2	-.000850	.0098452	.000949	.000885	-.003845	.0001839
#3	-.000517	.0058012	-.000564	.000445	-.007722	-.000218

Elem	Li6707
Units	ppm
Avg	F .0215539
Stddev	.0055059
%RSD	25.54487
#1	.0231273
#2	.0261018
#3	.0154326

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1859.442	22907.59	1133.224	1591.614	2461.881
Stddev	4.000	247.05	12.480	17.936	3.942
%RSD	.2151412	1.078479	1.101301	1.126905	.1601282
#1	1861.055	22931.94	1118.814	1595.774	2466.058
#2	1862.384	22649.27	1140.289	1571.963	2461.358
#3	1854.887	23141.57	1140.569	1607.104	2458.226

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: P5055-02 Acquired: 12/17/2024 23:45:41 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHKS5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0760223	-.025765	1.121905	.0424769	.0226629	55.04387
Stddev	.0036903	.002887	.002610	.0012539	.0017014	.12462
%RSD	4.854216	11.20542	.2326596	2.952038	7.507488	.2264032
#1	.0774602	-.023721	1.120811	.0425876	.0207003	54.95608
#2	.0718295	-.024507	1.120019	.0436718	.0235684	55.18650
#3	.0787772	-.029068	1.124884	.0411713	.0237201	54.98901

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.088328	.0075319	.0092818	229.9417	.1174488	.0992698
Stddev	.004194	.0001897	.0000704	.5664	.0006946	.0003052
%RSD	.3853825	2.518856	.7585562	.2463103	.5914143	.3074329
#1	1.084473	.0075025	.0092817	229.3082	.1172143	.0994175
#2	1.092794	.0077346	.0092115	230.3991	.1182303	.0989188
#3	1.087718	.0073586	.0093523	230.1177	.1169018	.0994730

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2817291	145.1612	4.049469	31.85037	.1589636	.0036896
Stddev	.0138288	.0545	.012766	.12725	.0011241	.0004133
%RSD	4.908542	.0375167	.3152582	.3995249	.7071476	11.20126
#1	.2716082	145.2149	4.035049	31.72211	.1576830	.0032350
#2	.2760932	145.1627	4.059328	31.85243	.1594202	.0037913
#3	.2974858	145.1060	4.054031	31.97658	.1597876	.0040426

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2997579	.1630705	1.678101	8.176458	F 14.29582	.0017570
Stddev	.2424800	.0102276	.021517	.085631	.04356	.0041209
%RSD	80.89195	6.271879	1.282219	1.047292	.3046750	234.5416
#1	.2837002	.1537474	1.653349	8.275029	14.29095	.0029299
#2	.5498676	.1740100	1.692345	8.120426	14.25490	.0051643
#3	.0657058	.1614539	1.688608	8.133919	14.34161	-.002823

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: P5055-02 Acquired: 12/17/2024 23:45:41 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHKS5 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0060231	3.246760	8.631598	.0632408	.8895517	.1359910
Stddev	.0000826	.006171	.016211	.0016766	.0033845	.0004132
%RSD	1.371455	.1900803	.1878101	2.651066	.3804762	.3038248
#1	.0060976	3.241172	8.649404	.0622708	.8925895	.1356767
#2	.0060374	3.245724	8.617695	.0651767	.8859035	.1364590
#3	.0059342	3.253384	8.627694	.0622748	.8901620	.1358372

Elem	Li6707
Units	ppm
Avg	.1142559
Stddev	.0075248
%RSD	6.585869
#1	.1216587
#2	.1066149
#3	.1144943

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2131.822	26215.89	1347.402	1822.434	2308.402
Stddev	5.122	12.42	2.296	2.945	6.568
%RSD	.2402860	.0473779	.1704210	.1615705	.2845110
#1	2126.109	26223.61	1345.333	1824.855	2300.919
#2	2133.350	26222.50	1347.000	1823.291	2313.207
#3	2136.006	26201.57	1349.873	1819.156	2311.081

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: P5055-03 Acquired: 12/17/2024 23:49:32 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHKS6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0819606	-.035592	1.049147	.0497404	.0243608	59.87366
Stddev	.0003981	.006321	.003460	.0042863	.0020567	.31258
%RSD	.4857320	17.75905	.3298361	8.617387	8.442476	.5220609
#1	.0815649	-.040745	1.049506	.0447978	.0220505	59.63067
#2	.0823611	-.037493	1.045520	.0519864	.0250396	59.76402
#3	.0819558	-.028539	1.052413	.0524369	.0259922	60.22628

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.136142	.0075176	.0072039	106.3368	.1059799	.0946233
Stddev	.007578	.0001970	.0000932	.6470	.0012242	.0007761
%RSD	.6669591	2.620889	1.293871	.6084212	1.155138	.8202186
#1	1.129960	.0075480	.0072670	105.7356	.1067448	.0950234
#2	1.133870	.0073071	.0072477	106.2532	.1045679	.0937288
#3	1.144595	.0076976	.0070968	107.0215	.1066269	.0951178

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2420497	143.9784	3.886042	35.93647	.1491449	.0039435
Stddev	.0045684	1.0836	.029524	.34264	.0011174	.0015526
%RSD	1.887387	.7526377	.7597461	.9534646	.7492113	39.37144
#1	.2397106	143.0448	3.856199	35.55165	.1499324	.0054895
#2	.2473140	143.7237	3.886690	36.04927	.1478660	.0023844
#3	.2391245	145.1667	3.915236	36.20849	.1496363	.0039566

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0569551	.1638734	1.561780	6.840646	F 15.36824	-.006114
Stddev	.6665972	.0117238	.009128	.122982	.05721	.003552
%RSD	1170.391	7.154154	.5844613	1.797817	.3722661	58.09729
#1	.3477156	.1574318	1.568859	6.975657	15.36795	-.006248
#2	.5287827	.1567828	1.565003	6.811269	15.31117	-.002497
#3	-.705633	.1774056	1.551477	6.735012	15.42559	-.009597

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: P5055-03 Acquired: 12/17/2024 23:49:32 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHKS6 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0049536	2.724298	8.278850	.0613998	.9470808	.0784806
Stddev	.0004413	.020707	.098128	.0005499	.0017893	.0002580
%RSD	8.907891	.7600952	1.185282	.8956515	.1889246	.3287831
#1	.0048152	2.733528	8.193255	.0607649	.9452444	.0782241
#2	.0054474	2.700581	8.257351	.0617082	.9488189	.0784777
#3	.0045981	2.738786	8.385945	.0617263	.9471791	.0787401

Elem	Li6707
Units	ppm
Avg	.1198213
Stddev	.0009899
%RSD	.8261196
#1	.1203900
#2	.1186783
#3	.1203955

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2221.951	27388.60	1409.055	1903.774	2379.355
Stddev	6.157	61.66	14.166	4.935	8.378
%RSD	.2770816	.2251134	1.005365	.2592345	.3521093
#1	2215.089	27347.79	1422.097	1905.187	2370.971
#2	2226.990	27358.47	1411.083	1898.286	2387.727
#3	2223.774	27459.52	1393.984	1907.849	2379.369

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: P5055-04 Acquired: 12/17/2024 23:53:23 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHKS7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0727912	-.046253	.4806514	.0494849	.0220898	57.11665
Stddev	.0015950	.001116	.0059518	.0036003	.0022602	.25761
%RSD	2.191256	2.413773	1.238271	7.275456	10.23190	.4510302
#1	.0734375	-.046560	.4841143	.0524062	.0230693	57.25225
#2	.0709745	-.047184	.4840610	.0454627	.0195051	56.81956
#3	.0739617	-.045015	.4737790	.0505857	.0236950	57.27815

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8335752	.0069860	.0042591	78.04674	.1000215	.0851935
Stddev	.0016430	.0002767	.0000942	.11452	.0002499	.0005409
%RSD	.1971036	3.960663	2.212130	.1467337	.2498369	.6349379
#1	.8345918	.0069190	.0043513	77.92657	.1000657	.0853574
#2	.8316797	.0067491	.0041630	78.05903	.1002464	.0856336
#3	.8344542	.0072901	.0042629	78.15462	.0997525	.0845896

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1701002	147.2152	2.939100	32.34851	.1259180	.0035536
Stddev	.0071032	.1312	.014168	.07044	.0007948	.0011317
%RSD	4.175872	.0891312	.4820675	.2177511	.6311739	31.84539
#1	.1629714	147.3161	2.953917	32.26745	.1262985	.0041160
#2	.1771775	147.2625	2.925684	32.39484	.1264509	.0022509
#3	.1701517	147.0668	2.937699	32.38324	.1250045	.0042938

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5580828	.1622947	.7373922	3.438905	F 11.27836	-.022785
Stddev	.6261278	.0019939	.0243924	.109221	.10230	.002835
%RSD	112.1926	1.228587	3.307932	3.176044	.9070379	12.44200
#1	1.008296	.1605882	.7154216	3.328306	11.34484	-.022567
#2	-.156939	.1644865	.7636406	3.546694	11.32968	-.020065
#3	.822891	.1618095	.7331145	3.441716	11.16056	-.025722

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: P5055-04 Acquired: 12/17/2024 23:53:23 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHKS7 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0051691	1.644538	8.059745	.0360473	.9382864	.0221309
Stddev	.0005282	.016707	.094316	.0012083	.0041170	.0002516
%RSD	10.21930	1.015926	1.170206	3.352024	.4387740	1.137010
#1	.0057430	1.652382	8.134727	.0363558	.9430131	.0224010
#2	.0047031	1.655880	7.953853	.0347147	.9354836	.0219031
#3	.0050612	1.625352	8.090656	.0370715	.9363625	.0220887

Elem	Li6707
Units	ppm
Avg	.1249270
Stddev	.0044773
%RSD	3.583916
#1	.1300061
#2	.1215520
#3	.1232228

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2199.615	26920.82	1368.657	1874.599	2402.728
Stddev	16.582	195.31	9.920	18.612	24.236
%RSD	.7538413	.7254951	.7248196	.9928300	1.008685
#1	2188.656	27074.91	1359.732	1884.984	2388.732
#2	2191.497	26701.16	1379.338	1853.113	2388.738
#3	2218.691	26986.39	1366.900	1885.701	2430.713

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: P5055-05 Acquired: 12/17/2024 23:57:15 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHKS8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0810787	-.060059	.1505121	.0739969	.0359124	57.05221	.8058427
Stddev	.0026982	.005074	.0024871	.0030792	.0023586	.03341	.0023424
%RSD	3.327852	8.448402	1.652446	4.161223	6.567695	.0585600	.2906834
#1	.0816349	-.055655	.1486140	.0774178	.0339313	57.08771	.8081906
#2	.0834553	-.058914	.1533276	.0731254	.0352845	57.02138	.8058317
#3	.0781457	-.065607	.1495947	.0714473	.0385214	57.04755	.8035057

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0079767	.0047201	243.6786	.0909144	.1174717	.1951255	224.5417
Stddev	.0001224	.0000247	.1484	.0003930	.0002204	.0068892	.1538
%RSD	1.534126	.5239984	.0608807	.4323278	.1876661	3.530668	.0684951
#1	.0078588	.0046917	243.8483	.0912377	.1172546	.1938086	224.4564
#2	.0079683	.0047316	243.6135	.0904769	.1174653	.1889898	224.4495
#3	.0081031	.0047370	243.5738	.0910286	.1176953	.2025782	224.7193

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.927578	85.76079	.1651588	.0053432	.7921365	.1836955	.3269345
Stddev	.003548	.24387	.0007606	.0003849	.4239794	.0097417	.0158596
%RSD	.0447540	.2843560	.4605015	7.203134	53.52352	5.303165	4.851001
#1	7.930796	85.49476	.1642808	.0057704	1.280442	.1949014	.3125115
#2	7.928166	85.81385	.1655812	.0052356	.517543	.1772434	.3243732
#3	7.923773	85.97375	.1656144	.0050235	.578425	.1789417	.3439189

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.038636	8.208118	-.066567	.0128452	.7133122	7.408028	.0285524
Stddev	.207755	.007719	.005504	.0004483	.0046784	.044943	.0039396
%RSD	6.837101	.0940450	8.268392	3.490121	.6558746	.6066793	13.79774
#1	2.963524	8.199629	-.067445	.0129449	.7180918	7.423127	.0261178
#2	3.273501	8.210009	-.071579	.0132352	.7131030	7.443477	.0264418
#3	2.878884	8.214716	-.060677	.0123554	.7087419	7.357480	.0330976

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: P5055-05 Acquired: 12/17/2024 23:57:15 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHKS8 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.9575388	.0221508	.1370419
Stddev	.0095437	.0007994	.0035362
%RSD	.9966898	3.608660	2.580344
#1	.9574984	.0229355	.1366255
#2	.9480154	.0221794	.1337325
#3	.9671027	.0213376	.1407679

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2160.048	26610.01	1367.308	1853.257	2265.296
Stddev	5.263	35.37	6.710	2.462	4.438
%RSD	.2436474	.1329067	.4907574	.1328297	.1959085
#1	2165.836	26650.50	1365.345	1855.286	2270.394
#2	2158.756	26594.39	1361.798	1853.967	2262.298
#3	2155.550	26585.14	1374.781	1850.518	2263.197

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: P5055-06 Acquired: 12/18/2024 0:01:06 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHKS9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0748782	-.038354	.2023793	.0442829	.0240019	54.32032	.5889251
Stddev	.0011692	.006504	.0036552	.0014720	.0030634	.21283	.0024847
%RSD	1.561534	16.95689	1.806112	3.323979	12.76334	.3918053	.4219021
#1	.0751050	-.045334	.1981786	.0446432	.0272483	54.51694	.5862688
#2	.0736123	-.032465	.2048352	.0455413	.0211621	54.09433	.5893143
#3	.0759176	-.037263	.2041239	.0426643	.0235951	54.34968	.5911923

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0077956	.0043724	794.9193	.0817161	.1183864	.2417982	193.6233
Stddev	.0000243	.0002035	2.2245	.0010459	.0012793	.0075058	.7251
%RSD	.3117338	4.653279	.2798419	1.279963	1.080587	3.104146	.3744957
#1	.0077929	.0044812	795.5462	.0805086	.1177495	.2369417	194.0884
#2	.0077728	.0041376	792.4486	.0822978	.1175507	.2504432	192.7878
#3	.0078212	.0044982	796.7632	.0823419	.1198591	.2380098	193.9937

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.918154	196.2503	.1537681	.0044969	.5053452	.1784510	.4583078
Stddev	.015312	.8434	.0013430	.0007845	.3786250	.0057050	.0105960
%RSD	.3113381	.4297583	.8734273	17.44475	74.92403	3.196949	2.311982
#1	4.929883	196.1214	.1534164	.0040182	.9315888	.1720574	.4678690
#2	4.900832	195.4787	.1526359	.0054022	.3764502	.1802739	.4601388
#3	4.923747	197.1507	.1552520	.0040702	.2079966	.1830218	.4469157

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.374616	9.674622	-.037393	.0084341	1.325096	6.568642	.0303773
Stddev	.213999	.065154	.002580	.0007019	.003714	.011817	.0016681
%RSD	6.341424	.6734476	6.900655	8.321882	.2802671	.1798993	5.491274
#1	3.132572	9.651209	-.035725	.0091603	1.324746	6.565629	.0323012
#2	3.452550	9.624411	-.040365	.0083826	1.321569	6.581674	.0293359
#3	3.538725	9.748247	-.036088	.0077594	1.328972	6.558623	.0294947

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: P5055-06 Acquired: 12/18/2024 0:01:06 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHKS9 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.6794222	.4987147	.1735694
Stddev	.0061295	.0016835	.0051874
%RSD	.9021644	.3375636	2.988671
#1	.6864342	.5006168	.1720117
#2	.6750828	.4974164	.1693392
#3	.6767495	.4981110	.1793571

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2111.945	25996.94	1363.591	1795.045	2064.039
Stddev	8.541	75.36	4.393	8.424	12.689
%RSD	.4044237	.2898717	.3221934	.4693070	.6147894
#1	2121.110	25995.63	1363.226	1794.129	2073.324
#2	2110.518	26072.94	1368.155	1803.889	2069.214
#3	2104.208	25922.24	1359.391	1787.115	2049.580

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: P5055-07 Acquired: 12/18/2024 0:04:55 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHKT0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0677196	-.029413	.1421500	.0327859	.0183033	43.89462
Stddev	.0032982	.005221	.0049951	.0015684	.0017852	.11901
%RSD	4.870339	17.75046	3.513944	4.783761	9.753286	.2711281
#1	.0697346	-.035336	.1463320	.0335387	.0162928	43.78405
#2	.0695108	-.025481	.1434991	.0309830	.0197025	44.02057
#3	.0639134	-.027420	.1366189	.0338360	.0189146	43.87924

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3845399	.0064553	.0035000	F 981.7343	.0765704	.1154111
Stddev	.0012059	.0001205	.0001235	3.2171	.0009162	.0014992
%RSD	.3135938	1.866049	3.528248	.3276960	1.196478	1.299056
#1	.3848571	.0065731	.0033611	980.1114	.0774854	.1144417
#2	.3855554	.0063323	.0035973	985.4396	.0756531	.1146537
#3	.3832070	.0064606	.0035416	979.6519	.0765728	.1171380

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2298659	174.1495	6.928010	211.7502	.1368522	.0024597
Stddev	.0064862	.3501	.022244	.3721	.0007858	.0014492
%RSD	2.821721	.2010298	.3210797	.1757244	.5742183	58.91901
#1	.2314680	173.9064	6.904006	211.4718	.1365651	.0008538
#2	.2227288	173.9913	6.947929	212.1728	.1362502	.0036702
#3	.2354008	174.5507	6.932094	211.6061	.1377412	.0028552

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5913054	.1753539	.5996485	3.504937	8.736642	-.019510
Stddev	.9182743	.0087146	.0007291	.250843	.072156	.001491
%RSD	155.2961	4.969748	.1215909	7.156845	.8259005	7.642479
#1	-.383855	.1745338	.6002147	3.794561	8.701981	-.020626
#2	.718296	.1670782	.5988258	3.363388	8.688356	-.020088
#3	1.439475	.1844495	.5999050	3.356862	8.819588	-.017816

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: P5055-07 Acquired: 12/18/2024 0:04:55 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHKT0 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0057393	1.189354	5.769913	.0273956	1.006233	.6846370
Stddev	.0004114	.013717	.032977	.0021313	.005298	.0015669
%RSD	7.168686	1.153311	.5715368	7.779568	.5265075	.2288668
#1	.0057163	1.191008	5.799330	.0266615	1.012249	.6844706
#2	.0061617	1.174885	5.776145	.0257285	1.004187	.6862804
#3	.0053398	1.202169	5.734265	.0297969	1.002263	.6831599

Elem	Li6707
Units	ppm
Avg	.1586725
Stddev	.0058395
%RSD	3.680216
#1	.1615612
#2	.1625047
#3	.1519517

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2054.970	25345.78	1338.569	1747.218	2027.410
Stddev	1.374	220.46	2.870	13.858	2.116
%RSD	.0668531	.8698180	.2143767	.7931687	.1043840
#1	2054.266	25289.67	1337.343	1745.178	2027.827
#2	2054.091	25588.87	1336.517	1761.984	2029.287
#3	2056.553	25158.79	1341.848	1734.493	2025.116

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: P5055-08 Acquired: 12/18/2024 0:08:46 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHKT1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0520171	.0203060	.6177185	-.003271	.0051233	27.60464
Stddev	.0060241	.0031675	.0031483	.002264	.0010556	.09261
%RSD	11.58096	15.59876	.5096635	69.21603	20.60481	.3354739
#1	.0505193	.0215173	.6213418	-.005327	.0041421	27.68158
#2	.0468832	.0167116	.6161627	-.003640	.0062403	27.63048
#3	.0586487	.0226890	.6156509	-.000845	.0049874	27.50185

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4908382	.0041844	.0053209	F 1345.511	.0681722	.1030438
Stddev	.0036553	.0000665	.0001134	.556	.0004367	.0005324
%RSD	.7447125	1.588407	2.130725	.0412994	.6405198	.5167018
#1	.4948835	.0041084	.0052075	1345.985	.0684891	.1029917
#2	.4877724	.0042320	.0053210	1344.900	.0676741	.1025393
#3	.4898587	.0042126	.0054342	1345.649	.0683534	.1036003

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1324751	106.4781	6.936363	748.9799	.1051519	.0032423
Stddev	.0124328	.4202	.020021	3.4770	.0001111	.0003484
%RSD	9.385005	.3946472	.2886371	.4642342	.1056976	10.74641
#1	.1186024	106.7132	6.955025	751.9702	.1050237	.0028955
#2	.1362123	106.7281	6.938848	749.8050	.1052196	.0032389
#3	.1426107	105.9930	6.915215	745.1646	.1052125	.0035924

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8659435	.0837487	1.063849	6.329677	7.383640	.0415507
Stddev	1.266501	.0064339	.013701	.052972	.004908	.0019355
%RSD	146.2568	7.682378	1.287853	.8368862	.0664717	4.658164
#1	-.593721	.0779067	1.062273	6.278335	7.389248	.0421875
#2	1.673623	.0906444	1.078269	6.384141	7.381542	.0393770
#3	1.517929	.0826951	1.051004	6.326555	7.380129	.0430875

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: P5055-08 Acquired: 12/18/2024 0:08:46 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHKT1 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000606	31.31177	5.918483	.0377296	.4008790	.5546299
Stddev	.0008809	.00569	.064415	.0015297	.0106774	.0052968
%RSD	1452.419	.0181606	1.088365	4.054412	2.663489	.9550176
#1	.0007667	31.30521	5.938500	.0359844	.4132080	.5595537
#2	.0003417	31.31524	5.970513	.0388381	.3947556	.5553103
#3	-.000927	31.31486	5.846436	.0383663	.3946733	.5490258

Elem	Li6707
Units	ppm
Avg	.1407081
Stddev	.0037914
%RSD	2.694532
#1	.1412807
#2	.1366630
#3	.1441807

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1843.975	22855.74	1226.095	1558.561	1911.147
Stddev	5.930	46.68	10.374	3.114	3.452
%RSD	.3215684	.2042189	.8461138	.1997807	.1806187
#1	1844.974	22809.85	1219.913	1554.972	1911.692
#2	1849.342	22903.17	1220.299	1560.547	1914.295
#3	1837.610	22854.21	1238.072	1560.163	1907.456

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: P5055-09 Acquired: 12/18/2024 0:12:36 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHKT2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0561803	.0190495	.4970474	-.011753	.0024186	23.44959
Stddev	.0052202	.0023691	.0064144	.003713	.0015191	.07641
%RSD	9.291786	12.43672	1.290493	31.59405	62.80765	.3258408
#1	.0603544	.0166974	.5020184	-.016038	.0010026	23.38547
#2	.0503273	.0190156	.4898068	-.009481	.0040231	23.53413
#3	.0578593	.0214353	.4993171	-.009740	.0022302	23.42915

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3410169	.0037522	.0034647	F 1331.865	.0502628	.0930587
Stddev	.0017542	.0000764	.0000914	1.285	.0011539	.0002900
%RSD	.5144175	2.036406	2.637711	.0965143	2.295811	.3116286
#1	.3430182	.0037946	.0034349	1333.032	.0497701	.0929346
#2	.3397452	.0037980	.0035673	1330.487	.0494370	.0933902
#3	.3402872	.0036640	.0033920	1332.075	.0515813	.0928515

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1063618	101.6337	6.239419	718.7163	.0891548	.0029831
Stddev	.0068585	.3431	.012192	1.9691	.0017795	.0011953
%RSD	6.448239	.3375528	.1953999	.2739762	1.995926	40.06861
#1	.1128007	101.6407	6.253493	720.6566	.0884911	.0016401
#2	.0991494	101.9732	6.232642	718.7727	.0878025	.0033791
#3	.1071352	101.2872	6.232121	716.7196	.0911707	.0039302

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9508197	.0745597	.8089704	4.638655	4.800269	.0333303
Stddev	.5231876	.0084322	.0227915	.133872	.023537	.0026295
%RSD	55.02490	11.30937	2.817344	2.886017	.4903355	7.889126
#1	1.226677	.0655328	.8009361	4.767849	4.789361	.0339249
#2	.347432	.0759127	.7912841	4.647568	4.784165	.0356115
#3	1.278351	.0822337	.8346910	4.500549	4.827282	.0304544

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: P5055-09 Acquired: 12/18/2024 0:12:36 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHKT2 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0008920	26.95366	5.244777	.0331652	.3641235	.5530680
Stddev	.0005952	.11529	.039017	.0015477	.0026246	.0004402
%RSD	66.72932	.4277169	.7439233	4.666608	.7208045	.0795948
#1	.0015565	26.92177	5.288988	.0334449	.3668943	.5528358
#2	.0004076	26.85768	5.215164	.0345540	.3616748	.5535757
#3	.0007120	27.08154	5.230177	.0314967	.3638013	.5527925

Elem	Li6707
Units	ppm
Avg	.1240034
Stddev	.0009168
%RSD	.7393608
#1	.1230406
#2	.1248660
#3	.1241038

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1805.687	22543.74	1212.201	1539.863	1931.558
Stddev	2.678	121.61	4.848	4.434	6.370
%RSD	.1482971	.5394490	.3999013	.2879308	.3298114
#1	1804.144	22659.08	1209.213	1542.074	1933.126
#2	1808.779	22416.70	1209.597	1542.756	1936.998
#3	1804.137	22555.43	1217.795	1534.758	1924.550

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: P5055-10 Acquired: 12/18/2024 0:16:25 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHKT3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1252349	-.028461	.9431633	.0533445	.0241578	63.77100
Stddev	.0017151	.002810	.0025248	.0040409	.0026543	.73499
%RSD	1.369530	9.872514	.2677007	7.575114	10.98748	1.152539
#1	.1250694	-.025218	.9414350	.0490092	.0212710	63.88141
#2	.1236085	-.029995	.9419940	.0540180	.0264931	62.98705
#3	.1270267	-.030170	.9460608	.0570063	.0247093	64.44453

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.381017	.0074508	.0059046	121.1008	.1067594	.1130498
Stddev	.014246	.0001480	.0000891	1.2919	.0014285	.0003373
%RSD	1.031581	1.985996	1.508471	1.066782	1.338078	.2984089
#1	1.385884	.0075363	.0058300	120.9275	.1071821	.1133955
#2	1.364976	.0072799	.0060032	119.9044	.1079288	.1130323
#3	1.392193	.0075362	.0058806	122.4706	.1051672	.1127215

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1963039	156.3208	9.674105	43.57069	.1474940	.0059074
Stddev	.0096660	1.6418	.092466	.64277	.0005563	.0001577
%RSD	4.923994	1.050299	.9558046	1.475246	.3771357	2.669668
#1	.1938887	156.9130	9.698444	43.84578	.1474109	.0059446
#2	.2069484	154.4650	9.571904	42.83615	.1480871	.0057344
#3	.1880745	157.5843	9.751966	44.03014	.1469839	.0060431

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.356216	.1714480	.8739927	7.367222	F 11.98002	-.011407
Stddev	.045017	.0038340	.0117346	.123567	.02794	.001973
%RSD	12.63752	2.236233	1.342641	1.677250	.2332578	17.29517
#1	-.310069	.1670278	.8837061	7.509134	11.95736	-.012530
#2	-.358569	.1738717	.8609544	7.309086	11.97145	-.009129
#3	-.400010	.1734446	.8773174	7.283445	12.01124	-.012561

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: P5055-10 Acquired: 12/18/2024 0:16:25 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHKT3 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0045542	2.629452	7.287111	.0571253	.8657388	.1241915
Stddev	.0000738	.008417	.030508	.0005864	.0083733	.0013117
%RSD	1.621448	.3201233	.4186589	1.026455	.9671879	1.056191
#1	.0046357	2.630400	7.318429	.0569609	.8631011	.1252944
#2	.0044918	2.620601	7.257483	.0577764	.8590019	.1227410
#3	.0045350	2.637356	7.285422	.0566388	.8751133	.1245392

Elem	Li6707
Units	ppm
Avg	.1094622
Stddev	.0083265
%RSD	7.606777
#1	.1067051
#2	.1028638
#3	.1188175

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2269.016	27904.83	1440.059	1940.175	2353.442
Stddev	.573	59.27	9.296	6.841	.918
%RSD	.0252661	.2123882	.6455608	.3526212	.0390143
#1	2268.733	27875.22	1430.428	1933.694	2352.382
#2	2268.640	27973.07	1448.980	1947.327	2353.999
#3	2269.676	27866.21	1440.769	1939.503	2353.945

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: P5055-11 Acquired: 12/18/2024 0:20:16 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHKT3D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1260769	-.026698	.9475030	.0562489	.0280124	63.78713
Stddev	.0025960	.001307	.0051383	.0051503	.0018586	.18410
%RSD	2.059075	4.894746	.5422959	9.156174	6.635048	.2886125
#1	.1231737	-.025607	.9493902	.0503024	.0269537	63.64827
#2	.1281748	-.026342	.9416880	.0591559	.0301585	63.71717
#3	.1268823	-.028146	.9514308	.0592884	.0269251	63.99595

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.385949	.0075120	.0061522	121.8693	.1079047	.1141209
Stddev	.005584	.0002327	.0001370	.4994	.0004147	.0004613
%RSD	.4029300	3.097711	2.227493	.4098221	.3843581	.4042063
#1	1.383318	.0075113	.0063025	121.5166	.1082955	.1141447
#2	1.382167	.0072797	.0061196	121.6504	.1074695	.1136482
#3	1.392363	.0077451	.0060343	122.4408	.1079490	.1145698

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2029932	156.6924	9.718747	43.77087	.1477218	.0052949
Stddev	.0018574	.7118	.061412	.13641	.0003628	.0008775
%RSD	.9149794	.4542978	.6318972	.3116404	.2455757	16.57202
#1	.2008849	156.4712	9.714579	43.69262	.1480666	.0058029
#2	.2043881	156.1173	9.659524	43.69160	.1477554	.0042816
#3	.2037066	157.4885	9.782137	43.92837	.1473434	.0058000

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3118963	.1766188	.8635650	7.526110	F 12.07027	-.013712
Stddev	.1235090	.0042055	.0170007	.133518	.04786	.001834
%RSD	39.59939	2.381139	1.968667	1.774064	.3965243	13.37618
#1	.1781274	.1759991	.8820354	7.590135	12.06861	-.012854
#2	.4216047	.1810998	.8485715	7.372637	12.02326	-.012465
#3	.3359568	.1727575	.8600881	7.615559	12.11894	-.015818

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: P5055-11 Acquired: 12/18/2024 0:20:16 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHKT3D Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0047468	2.642417	7.289266	.0582259	.8615088	.1235657
Stddev	.0004134	.012698	.061914	.0007823	.0025510	.0015173
%RSD	8.710073	.4805581	.8493901	1.343553	.2961079	1.227940
#1	.0048445	2.649453	7.272326	.0581170	.8637924	.1232742
#2	.0042932	2.627758	7.237585	.0575037	.8619783	.1222153
#3	.0051026	2.650040	7.357887	.0590569	.8587556	.1252076

Elem	Li6707
Units	ppm
Avg	.1143547
Stddev	.0101432
%RSD	8.869957
#1	.1255195
#2	.1118372
#3	.1057073

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2267.518	27867.39	1439.971	1936.761	2346.066
Stddev	2.354	112.86	7.661	7.126	3.005
%RSD	.1038144	.4049876	.5320255	.3679168	.1280694
#1	2265.056	27871.44	1444.221	1940.265	2343.614
#2	2269.747	27752.55	1444.566	1928.562	2349.417
#3	2267.751	27978.16	1431.127	1941.457	2345.166

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: P5055-10LX5 Acquired: 12/18/2024 0:24:07 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHKT3L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0270794	.0036093	.1930108	.0095286	.0049019	15.28189	.3310191
Stddev	.0015232	.0027605	.0019286	.0006907	.0020683	.03509	.0012159
%RSD	5.624910	76.48167	.9992213	7.249036	42.19325	.2296478	.3673351
#1	.0286117	.0047122	.1951287	.0088066	.0037954	15.32206	.3319955
#2	.0255655	.0004679	.1925480	.0095958	.0036222	15.26646	.3314048
#3	.0270610	.0056479	.1913557	.0101832	.0072880	15.25716	.3296571

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0019382	.0010211	29.07542	.0263193	.0336173	.0558188	37.97568
Stddev	.0000769	.0000813	.19365	.0002864	.0004388	.0068365	.19868
%RSD	3.969918	7.966822	.6660279	1.088337	1.305371	12.24768	.5231655
#1	.0020238	.0009305	29.23083	.0259930	.0334410	.0481222	38.20443
#2	.0019161	.0010448	29.13694	.0265294	.0341168	.0581475	37.87645
#3	.0018747	.0010879	28.85848	.0264354	.0332940	.0611867	37.84617

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.351532	10.49776	.0283673	.0022416	-.408878	.0392057	.2017662
Stddev	.014396	.10721	.0004120	.0011460	.367405	.0129928	.0071555
%RSD	.6121853	1.021304	1.452342	51.12492	89.85667	33.14003	3.546449
#1	2.365766	10.52380	.0282140	.0034696	-.015955	.0317261	.1997295
#2	2.351851	10.58955	.0288339	.0020548	-.466797	.0542085	.1958499
#3	2.336980	10.37992	.0280539	.0012005	-.743884	.0316826	.2097193

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.610298	2.409414	-.003984	.0010969	.5347387	1.861843	.0116658
Stddev	.198023	.003485	.000744	.0002045	.0026079	.008690	.0015942
%RSD	12.29730	.1446431	18.67174	18.64514	.4876931	.4667315	13.66569
#1	1.396282	2.409120	-.003326	.0008868	.5318979	1.870956	.0101618
#2	1.647584	2.406085	-.003835	.0012953	.5352939	1.853650	.0114985
#3	1.787027	2.413037	-.004791	.0011085	.5370242	1.860922	.0133370

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: P5055-10LX5 Acquired: 12/18/2024 0:24:07 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHKT3L Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.2099211	.0297510	.0386809
Stddev	.0060976	.0002368	.0076158
%RSD	2.904706	.7958691	19.68865
#1	.2042543	.0300242	.0472641
#2	.2163734	.0296225	.0327320
#3	.2091357	.0296062	.0360466

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1988.010	24027.32	1205.699	1674.668	2477.942
Stddev	1.485	68.09	6.992	6.243	1.115
%RSD	.0747061	.2834057	.5799275	.3728040	.0449889
#1	1989.631	24009.46	1199.266	1674.915	2477.603
#2	1986.714	23969.94	1204.692	1668.305	2477.036
#3	1987.687	24102.57	1213.141	1680.784	2479.187

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: P5055-12 Acquired: 12/18/2024 0:28:02 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHKT3S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2114878	.0667988	.9830267	.1933318	.1608568	66.67243
Stddev	.0028567	.0053293	.0043158	.0012671	.0033268	.35444
%RSD	1.350741	7.978090	.4390296	.6554039	2.068148	.5316073
#1	.2147860	.0634770	.9817079	.1935116	.1621231	66.65375
#2	.2097953	.0729458	.9795243	.1944995	.1633644	66.32771
#3	.2098821	.0639735	.9878481	.1919845	.1570828	67.03584

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.777983	.0923549	.1022239	121.0573	.4624287	1.076077
Stddev	.020317	.0009088	.0003855	.4418	.0012479	.003333
%RSD	.4252212	.9840103	.3771507	.3649103	.2698668	.3097586
#1	4.772801	.0913579	.1023825	121.3412	.4609995	1.076775
#2	4.760759	.0925701	.1017844	120.5483	.4633027	1.072450
#3	4.800389	.0931368	.1025048	121.2824	.4629838	1.079005

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6032563	158.1522	10.56678	43.75892	1.129631	.0711619
Stddev	.0074718	.4428	.05690	.21326	.003152	.0006847
%RSD	1.238569	.2799728	.5385098	.4873553	.2790733	.9621470
#1	.6023120	158.0462	10.52990	43.72411	1.130897	.0703934
#2	.5963015	157.7720	10.53813	43.56521	1.126043	.0717071
#3	.6111552	158.6384	10.63232	43.98745	1.131954	.0713852

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.035841	1.011437	1.618356	7.709604	F 12.01048	-.020815
Stddev	.521097	.004689	.020609	.038423	.03253	.003186
%RSD	1453.922	.4635498	1.273466	.4983793	.2708450	15.30732
#1	.565770	1.016386	1.641641	7.713643	12.01572	-.017213
#2	-.327160	1.010863	1.610966	7.669320	11.97565	-.023265
#3	-.346133	1.007061	1.602461	7.745848	12.04007	-.021968

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: P5055-12 Acquired: 12/18/2024 0:28:02 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHKT3S Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0047564	2.640820	7.568619	.0579418	.8705146	.1242908
Stddev	.0004250	.006513	.073885	.0014754	.0098949	.0020243
%RSD	8.935483	.2466438	.9761977	2.546366	1.136675	1.628658
#1	.0051532	2.636354	7.486529	.0596370	.8811716	.1225125
#2	.0043079	2.637813	7.589545	.0569467	.8616181	.1238662
#3	.0048080	2.648294	7.629784	.0572419	.8687543	.1264937

Elem	Li6707
Units	ppm
Avg	.1161865
Stddev	.0032201
%RSD	2.771486
#1	.1141590
#2	.1145011
#3	.1198995

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2260.119	27820.65	1406.187	1933.109	2350.630
Stddev	4.290	137.58	7.011	9.695	4.740
%RSD	.1898246	.4945379	.4985993	.5015234	.2016407
#1	2256.448	27701.49	1414.278	1922.447	2345.332
#2	2259.073	27789.25	1401.908	1935.484	2352.092
#3	2264.835	27971.23	1402.374	1941.395	2354.467

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: P5055-13 Acquired: 12/18/2024 0:31:52 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHKT4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0656196	.0171278	.3148689	.0168229	.0071386	37.64956
Stddev	.0019615	.0094352	.0024960	.0010376	.0027639	.16108
%RSD	2.989136	55.08726	.7927146	6.167790	38.71791	.4278494
#1	.0664035	.0164419	.3121851	.0178474	.0072363	37.52976
#2	.0670678	.0080542	.3171207	.0157727	.0098523	37.58623
#3	.0633874	.0268872	.3153010	.0168486	.0043271	37.83268

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7095056	.0047452	.0035597	673.9626	.0673183	.1036416
Stddev	.0045962	.0001496	.0001175	4.2868	.0004282	.0007074
%RSD	.6477979	3.153146	3.300148	.6360570	.6361107	.6825420
#1	.7057515	.0046448	.0036949	670.2362	.0674301	.1028396
#2	.7081338	.0046737	.0035016	673.0040	.0668452	.1039084
#3	.7146315	.0049172	.0034826	678.6475	.0676794	.1041767

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0850876	115.8458	7.900698	209.9642	.0999252	.0039892
Stddev	.0085933	.9283	.050546	1.6072	.0007983	.0005496
%RSD	10.09937	.8013472	.6397707	.7654539	.7988616	13.77716
#1	.0936502	115.1911	7.884282	208.3929	.1005910	.0033699
#2	.0764639	115.4381	7.860401	209.8948	.0990402	.0041785
#3	.0851486	116.9082	7.957412	211.6050	.1001442	.0044191

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4810964	.1275661	.3849218	2.942396	F 11.35682	-.014300
Stddev	.5429978	.0094574	.0123932	.124306	.04890	.001130
%RSD	112.8668	7.413736	3.219659	4.224638	.4305441	7.898766
#1	.1887803	.1287041	.3730105	2.820171	11.32413	-.015457
#2	1.107629	.1175912	.3977463	2.938335	11.33330	-.014243
#3	.146879	.1364030	.3840086	3.068683	11.41304	-.013200

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: P5055-13 Acquired: 12/18/2024 0:31:52 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHKT4 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0013878	5.776118	6.347623	.0282995	.6871240	.4208625
Stddev	.0007081	.017655	.042036	.0010480	.0027989	.0032854
%RSD	51.02610	.3056606	.6622250	3.703190	.4073393	.7806363
#1	.0015969	5.759995	6.355936	.0278175	.6902399	.4188544
#2	.0005986	5.773375	6.302052	.0275793	.6848226	.4190792
#3	.0019678	5.794984	6.384881	.0295018	.6863096	.4246539

Elem	Li6707
Units	ppm
Avg	.1028136
Stddev	.0071321
%RSD	6.936952
#1	.0981389
#2	.0992792
#3	.1110227

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2100.072	25907.33	1337.436	1796.973	2120.203
Stddev	1.997	78.00	9.984	4.529	2.580
%RSD	.0950858	.3010817	.7464892	.2520229	.1216673
#1	2101.325	25828.53	1337.002	1795.477	2121.553
#2	2101.122	25984.51	1347.630	1802.061	2121.828
#3	2097.769	25908.93	1327.676	1793.381	2117.228

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: P5055-14 Acquired: 12/18/2024 0:35:41 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHKT5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0501335	-.017894	.2307335	.0278610	.0144217	44.53358
Stddev	.0052851	.004023	.0010327	.0034851	.0032428	.23548
%RSD	10.54211	22.48294	.4475694	12.50870	22.48538	.5287778
#1	.0506962	-.018967	.2306218	.0238696	.0152040	44.34489
#2	.0551147	-.013443	.2297611	.0294128	.0108594	44.79748
#3	.0445895	-.021271	.2318174	.0303007	.0172018	44.45837

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5194930	.0058544	.0036615	F 1070.157	.0795412	.1273972
Stddev	.0038615	.0001427	.0000279	6.232	.0005646	.0010350
%RSD	.7433271	2.437816	.7615402	.5823288	.7098794	.8123900
#1	.5181392	.0060061	.0036295	1067.014	.0794598	.1265775
#2	.5238491	.0058342	.0036739	1077.334	.0790217	.1270540
#3	.5164906	.0057228	.0036810	1066.122	.0801421	.1285602

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1604047	164.2209	8.150536	210.1541	.1513948	.0038465
Stddev	.0156686	.9725	.063709	1.1915	.0017450	.0017150
%RSD	9.768195	.5922089	.7816545	.5669665	1.152597	44.58484
#1	.1694467	163.4040	8.113460	209.6737	.1493850	.0019860
#2	.1423121	165.2967	8.224100	211.5109	.1525247	.0041895
#3	.1694554	163.9620	8.114048	209.2778	.1522746	.0053641

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9166339	.1867238	.6453652	6.581016	6.842744	-.005458
Stddev	.4446989	.0066111	.0045761	.314120	.026423	.001978
%RSD	48.51435	3.540583	.7090730	4.773126	.3861497	36.23374
#1	.4381459	.1795713	.6472075	6.257272	6.817853	-.007693
#2	1.317260	.1926105	.6401551	6.884535	6.870471	-.003933
#3	.994496	.1879896	.6487330	6.601242	6.839909	-.004749

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: P5055-14 Acquired: 12/18/2024 0:35:41 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHKT5 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000085	1.272685	5.951066	.0281810	1.148777	.7746332
Stddev	.0007141	.006730	.005345	.0004523	.007205	.0056411
%RSD	8419.825	.5287897	.0898231	1.604895	.6271728	.7282330
#1	-.000554	1.269645	5.944904	.0286006	1.140921	.7722111
#2	.000812	1.280399	5.953836	.0277019	1.150334	.7810809
#3	-.000232	1.268012	5.954458	.0282406	1.155076	.7706076

Elem	Li6707
Units	ppm
Avg	.1725348
Stddev	.0018815
%RSD	1.090514
#1	.1705316
#2	.1742648
#3	.1728079

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1981.070	24358.65	1292.893	1688.093	2050.888
Stddev	9.993	77.29	6.040	5.702	12.653
%RSD	.5044057	.3173033	.4671957	.3377943	.6169697
#1	1989.690	24358.44	1295.551	1692.308	2065.163
#2	1983.401	24281.47	1285.980	1681.605	2046.449
#3	1970.117	24436.05	1297.150	1690.368	2041.052

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: P5055-15 Acquired: 12/18/2024 0:39:32 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHKT6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0753377	.0170812	.3256565	.0103601	.0083325	37.09057
Stddev	.0052439	.0043898	.0043059	.0049900	.0046819	.27659
%RSD	6.960550	25.69945	1.322217	48.16539	56.18792	.7457257
#1	.0806611	.0132574	.3207883	.0146162	.0045327	37.23826
#2	.0701770	.0218747	.3272155	.0115957	.0135627	36.77148
#3	.0751752	.0161113	.3289659	.0048684	.0069022	37.26198

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9053554	.0051420	.0043630	F 1484.226	.0656064	.1402635
Stddev	.0022821	.0000290	.0000439	8.599	.0009237	.0009690
%RSD	.2520635	.5638489	1.005746	.5793391	1.407945	.6908223
#1	.9058000	.0051405	.0044105	1486.416	.0663155	.1412878
#2	.9028837	.0051137	.0043544	1474.744	.0659419	.1393615
#3	.9073825	.0051716	.0043240	1491.518	.0645619	.1401413

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2326075	133.5739	11.15892	227.0511	.1554518	.0037341
Stddev	.0102482	.4841	.03575	.5345	.0010937	.0011414
%RSD	4.405797	.3623907	.3203636	.2354005	.7035748	30.56585
#1	.2443075	133.6475	11.18704	227.4133	.1566776	.0038105
#2	.2252218	133.0572	11.11869	226.4373	.1551020	.0048354
#3	.2282931	134.0169	11.17102	227.3028	.1545758	.0025565

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6439774	.1066168	.4765280	7.426389	F 12.68337	.0351084
Stddev	.7497405	.0183114	.0084959	.240004	.02608	.0023012
%RSD	116.4234	17.17496	1.782875	3.231766	.2056432	6.554581
#1	.2507191	.0900796	.4844718	7.333873	12.69150	.0326351
#2	1.508530	.1262958	.4775414	7.246412	12.65419	.0355039
#3	.172683	.1034748	.4675709	7.698882	12.70441	.0371863

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: P5055-15 Acquired: 12/18/2024 0:39:32 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHKT6 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005875	2.236643	5.703363	.0271143	.5809175	1.088911
Stddev	.0004320	.009428	.001731	.0018062	.0072667	.003183
%RSD	73.52671	.4215024	.0303491	6.661491	1.250909	.2923505
#1	.0010482	2.243639	5.705125	.0266027	.5884747	1.092117
#2	.0005229	2.225922	5.703300	.0291212	.5739811	1.085751
#3	.0001915	2.240367	5.701665	.0256191	.5802966	1.088866

Elem	Li6707
Units	ppm
Avg	.1576416
Stddev	.0030526
%RSD	1.936412
#1	.1610917
#2	.1565415
#3	.1552915

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2015.808	24845.21	1327.595	1718.324	1963.727
Stddev	4.124	59.09	6.998	9.920	4.754
%RSD	.2045777	.2378415	.5270913	.5773304	.2420994
#1	2014.051	24782.89	1323.871	1711.788	1958.554
#2	2020.519	24900.44	1335.667	1729.739	1967.904
#3	2012.853	24852.31	1323.247	1713.445	1964.723

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: P5055-16 Acquired: 12/18/2024 0:43:24 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHKT7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0480164	.0238837	.2412895	-.011399	-.000075	34.83879
Stddev	.0077462	.0049309	.0043731	.004400	.001026	.08427
%RSD	16.13242	20.64562	1.812383	38.59631	1364.309	.2418789
#1	.0565845	.0255876	.2438731	-.014052	.001085	34.82728
#2	.0415087	.0183268	.2362404	-.013826	-.000446	34.92822
#3	.0459560	.0277367	.2437552	-.006321	-.000864	34.76086

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6596659	.0053156	.0040785	F 2254.144	.0624905	.1233893
Stddev	.0038268	.0002519	.0001157	21.511	.0014092	.0016727
%RSD	.5801080	4.738909	2.837032	.9542764	2.255045	1.355640
#1	.6608773	.0054747	.0041578	2278.288	.0640582	.1218734
#2	.6553800	.0050251	.0041319	2237.021	.0613292	.1231107
#3	.6627403	.0054468	.0039457	2247.124	.0620839	.1251838

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1666434	106.2681	7.464546	126.9644	.1167376	.0033625
Stddev	.0131855	.5568	.033009	.4653	.0013976	.0010389
%RSD	7.912397	.5239489	.4422119	.3665137	1.197215	30.89727
#1	.1517260	105.6254	7.430598	126.4357	.1162370	.0022547
#2	.1714636	106.6056	7.496528	127.1454	.1183165	.0043151
#3	.1767405	106.5731	7.466513	127.3120	.1156591	.0035179

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7149625	.0783947	.4055742	9.538736	5.339925	.0645087
Stddev	.4657389	.0148668	.0052655	.014574	.001553	.0048244
%RSD	65.14172	18.96398	1.298276	.1527893	.0290818	7.478721
#1	1.102603	.0764983	.4048247	9.530985	5.339601	.0674822
#2	.843964	.0645671	.4111742	9.555547	5.341615	.0671016
#3	.198321	.0941186	.4007235	9.529674	5.338560	.0589423

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: P5055-16 Acquired: 12/18/2024 0:43:24 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHKT7 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001480	2.944262	5.878676	.0247610	.3052259	1.580135
Stddev	.000268	.006900	.025773	.0005768	.0045825	.007363
%RSD	18.10942	.2343565	.4384109	2.329427	1.501356	.4659761
#1	-.001742	2.946226	5.849014	.0241250	.3042302	1.571913
#2	-.001207	2.936593	5.891416	.0252503	.3012232	1.582370
#3	-.001490	2.949967	5.895598	.0249077	.3102245	1.586121

Elem	Li6707
Units	ppm
Avg	.1880567
Stddev	.0014588
%RSD	.7757188
#1	.1863879
#2	.1890899
#3	.1886922

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1917.013	23532.50	1263.057	1627.492	1910.040
Stddev	5.092	16.61	8.273	11.388	1.758
%RSD	.2656074	.0705742	.6550140	.6997296	.0920448
#1	1912.850	23516.99	1272.610	1633.756	1910.392
#2	1922.690	23550.02	1258.337	1634.373	1911.595
#3	1915.499	23530.48	1258.225	1614.347	1908.132

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: P5055-17 Acquired: 12/18/2024 0:47:21 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHKW5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0872183	-.020099	1.774692	.0427404	.0221843	57.06523
Stddev	.0035481	.003733	.005205	.0064127	.0024962	.31853
%RSD	4.068065	18.57288	.2932649	15.00374	11.25227	.5581836
#1	.0880730	-.016677	1.771635	.0396598	.0219228	56.95241
#2	.0902609	-.024080	1.771740	.0501120	.0198291	57.42481
#3	.0833209	-.019541	1.780702	.0384493	.0248009	56.81846

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.673851	.0073878	.0088104	265.3732	.1262191	.1145696
Stddev	.008377	.0001832	.0000986	.5563	.0006113	.0013971
%RSD	.5004625	2.479694	1.119672	.2096276	.4843263	1.219399
#1	1.676101	.0072959	.0087799	265.7139	.1269241	.1130955
#2	1.680873	.0075987	.0087306	265.6744	.1258363	.1147392
#3	1.664579	.0072687	.0089207	264.7312	.1258970	.1158741

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3074412	153.3947	6.833699	52.42809	.1764962	.0044425
Stddev	.0151632	.9790	.046012	.37995	.0007775	.0012250
%RSD	4.932063	.6382190	.6733065	.7247136	.4405302	27.57476
#1	.3026813	153.7767	6.838240	52.50767	.1756505	.0030672
#2	.3244132	154.1251	6.877271	52.76195	.1766581	.0054164
#3	.2952290	152.2823	6.785585	52.01465	.1771801	.0048440

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0718501	.1612794	2.360454	10.79091	F 15.92079	.0068068
Stddev	.6966331	.0059854	.013296	.20731	.06791	.0024041
%RSD	969.5648	3.711206	.5632840	1.921143	.4265594	35.31989
#1	.8288585	.1598406	2.369390	10.76817	15.88197	.0095502
#2	-.071067	.1561445	2.345174	11.00865	15.88120	.0058024
#3	-.542241	.1678531	2.366798	10.59591	15.99921	.0050677

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: P5055-17 Acquired: 12/18/2024 0:47:21 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHKW5 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0065191	4.298077	7.958236	.0867028	.8614782	.2056982
Stddev	.0002609	.021447	.085587	.0004079	.0117794	.0021317
%RSD	4.002846	.4989994	1.075451	.4704807	1.367348	1.036322
#1	.0066415	4.277980	7.928622	.0870598	.8677538	.2049622
#2	.0066964	4.295592	8.054697	.0862582	.8687911	.2081004
#3	.0062194	4.320659	7.891389	.0867905	.8478897	.2040321

Elem	Li6707
Units	ppm
Avg	.1123449
Stddev	.0024429
%RSD	2.174463
#1	.1113196
#2	.1151334
#3	.1105818

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2136.935	26231.45	1346.881	1821.806	2277.988
Stddev	2.630	43.79	10.487	3.579	4.260
%RSD	.1230522	.1669473	.7786033	.1964367	.1870176
#1	2139.967	26190.33	1347.325	1820.357	2282.259
#2	2135.558	26277.50	1336.179	1825.883	2277.965
#3	2135.279	26226.51	1357.139	1819.180	2273.739

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: P5055-18 Acquired: 12/18/2024 0:51:10 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHKW6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0915754	-.028737	2.077599	.0498622	.0266491	62.37124
Stddev	.0049965	.003288	.003053	.0071328	.0023844	.28029
%RSD	5.456195	11.44209	.1469573	14.30513	8.947469	.4493887
#1	.0889866	-.031174	2.075483	.0565943	.0266922	62.53063
#2	.0973351	-.024997	2.076214	.0423868	.0242435	62.04761
#3	.0884046	-.030041	2.081099	.0506055	.0290117	62.53550

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.903835	.0079090	.0102380	347.3569	.1366244	.1286165
Stddev	.009852	.0000649	.0001023	2.2401	.0012791	.0008997
%RSD	.5174584	.8206328	.9988892	.6448986	.9362423	.6995003
#1	1.911071	.0079836	.0101733	348.6158	.1379971	.1277321
#2	1.892616	.0078658	.0101849	344.7706	.1354659	.1295308
#3	1.907819	.0078775	.0103559	348.6844	.1364101	.1285866

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3383963	174.1085	8.889352	68.36927	.1949073	.0058959
Stddev	.0039819	.9679	.049106	.27746	.0007913	.0015597
%RSD	1.176689	.5558989	.5524183	.4058232	.4059930	26.45337
#1	.3375096	174.4735	8.932040	68.63276	.1942705	.0047083
#2	.3427467	173.0112	8.835685	68.07968	.1957932	.0053173
#3	.3349325	174.8408	8.900330	68.39536	.1946582	.0076622

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3723673	.1752470	2.525788	9.460728	F 17.11808	-.010086
Stddev	.9265472	.0182457	.017544	.172132	.05225	.001643
%RSD	248.8261	10.41144	.6945767	1.819440	.3052210	16.28583
#1	-.323226	.1913605	2.506085	9.625964	17.06549	-.010658
#2	.016173	.1789450	2.539716	9.282442	17.11878	-.008234
#3	1.424154	.1554355	2.531561	9.473779	17.16998	-.011367

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: P5055-18 Acquired: 12/18/2024 0:51:10 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHKW6 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0056445	3.762046	7.621893	.1117105	.9297262	.2752353
Stddev	.0006866	.014951	.057742	.0006234	.0044456	.0017473
%RSD	12.16380	.3974295	.7575818	.5580546	.4781584	.6348317
#1	.0057602	3.756797	7.679549	.1112419	.9297743	.2756745
#2	.0049075	3.750427	7.564065	.1124180	.9252569	.2733104
#3	.0062660	3.778914	7.622065	.1114715	.9341476	.2767212

Elem	Li6707
Units	ppm
Avg	.1233767
Stddev	.0002983
%RSD	.2417726
#1	.1235225
#2	.1230335
#3	.1235740

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2161.437	26599.19	1378.348	1848.672	2235.051
Stddev	3.457	3.48	11.536	6.644	3.912
%RSD	.1599269	.0131013	.8369230	.3594008	.1750503
#1	2163.577	26595.21	1367.422	1855.490	2239.220
#2	2163.285	26601.69	1390.410	1848.310	2234.473
#3	2157.449	26600.68	1377.213	1842.217	2231.459

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: P5055-19 Acquired: 12/18/2024 0:55:00 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHKW7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1267725	-.029061	1.462270	.0671102	.0303316	65.40158
Stddev	.0045615	.002315	.006958	.0025042	.0012404	.27274
%RSD	3.598167	7.965428	.4758386	3.731398	4.089339	.4170222
#1	.1319726	-.030995	1.459689	.0656417	.0316538	65.18724
#2	.1234471	-.029693	1.456971	.0656873	.0301473	65.70857
#3	.1248978	-.026496	1.470150	.0700016	.0291937	65.30893

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.013138	.0080238	.0104719	438.3868	.1261937	.1655760
Stddev	.008652	.0001664	.0002269	1.2723	.0014017	.0016967
%RSD	.4297942	2.073478	2.167053	.2902123	1.110727	1.024710
#1	2.006920	.0079350	.0104152	438.1795	.1275598	.1656465
#2	2.023019	.0082157	.0102787	439.7500	.1262625	.1638452
#3	2.009475	.0079207	.0107218	437.2310	.1247590	.1672363

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3024852	206.1135	15.90552	75.65586	.2241243	.0073574
Stddev	.0024710	.9630	.07547	.37675	.0014841	.0009106
%RSD	.8169039	.4672175	.4744960	.4979749	.6621915	12.37649
#1	.3048711	205.9001	15.87246	75.58720	.2232630	.0063250
#2	.2999370	207.1653	15.99188	76.06221	.2232718	.0080462
#3	.3026474	205.2751	15.85221	75.31816	.2258380	.0077009

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6463272	.1880112	1.963001	8.228635	F 16.18947	-.023704
Stddev	.4206873	.0082457	.017478	.139416	.09481	.005466
%RSD	65.08890	4.385735	.8903860	1.694272	.5856221	23.05880
#1	.7937895	.1914290	1.944757	8.308030	16.14363	-.029991
#2	.1717607	.1786062	1.964648	8.310220	16.12630	-.020084
#3	.9734313	.1939985	1.979597	8.067657	16.29849	-.021037

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: P5055-19 Acquired: 12/18/2024 0:55:00 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHKW7 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0051620	2.624261	7.920086	.0733899	.9115613	.3082181
Stddev	.0002864	.017926	.108165	.0013447	.0045516	.0012085
%RSD	5.548149	.6830984	1.365708	1.832323	.4993199	.3920882
#1	.0049313	2.618532	7.825891	.0732887	.9118458	.3071150
#2	.0050720	2.609899	7.896154	.0720986	.9159640	.3095098
#3	.0054825	2.644351	8.038213	.0747823	.9068741	.3080294

Elem	Li6707
Units	ppm
Avg	.1376628
Stddev	.0064801
%RSD	4.707243
#1	.1361537
#2	.1320704
#3	.1447643

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2215.057	27265.62	1418.838	1895.597	2189.705
Stddev	3.083	52.05	5.789	1.976	8.444
%RSD	.1391905	.1908939	.4080312	.1042507	.3856442
#1	2218.616	27219.37	1424.046	1894.116	2197.265
#2	2213.346	27255.51	1412.605	1894.834	2191.259
#3	2213.209	27321.98	1419.864	1897.841	2180.592

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: P5055-20 Acquired: 12/18/2024 0:58:49 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHKW8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0935628	.0038390	.5568654	.0367789	.0173986	48.62110
Stddev	.0012349	.0049009	.0016768	.0029646	.0007917	.13036
%RSD	1.319881	127.6595	.3011150	8.060566	4.550441	.2681077
#1	.0947967	.0056849	.5584556	.0343793	.0182945	48.53732
#2	.0935649	.0075489	.5570268	.0400930	.0167930	48.77129
#3	.0923268	-.001717	.5551137	.0358644	.0171082	48.55469

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.677895	.0063548	.0060735	F 1258.373	.0903517	.1567626
Stddev	.005784	.0001949	.0001070	2.454	.0007382	.0005104
%RSD	.3447174	3.067122	1.762356	.1949972	.8169938	.3256043
#1	1.672922	.0062836	.0061047	1256.882	.0896824	.1562092
#2	1.684242	.0065753	.0061615	1261.205	.0902292	.1572150
#3	1.676522	.0062054	.0059544	1257.032	.0911434	.1568635

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2943720	176.0430	17.38797	254.0467	.1834404	.0051407
Stddev	.0052457	.5264	.06320	1.0749	.0004665	.0008546
%RSD	1.781982	.2990137	.3634809	.4231059	.2542865	16.62337
#1	.3001450	175.6562	17.31806	252.9615	.1834252	.0060187
#2	.2930733	176.6424	17.44108	255.1109	.1829816	.0050919
#3	.2898976	175.8303	17.40475	254.0678	.1839142	.0043117

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2914965	.1420521	.8174328	8.826917	9.368649	.0138373
Stddev	.4892932	.0050845	.0118547	.178473	.028955	.0038093
%RSD	167.8556	3.579316	1.450238	2.021914	.3090627	27.52930
#1	.8279518	.1442952	.8110118	8.681054	9.349049	.0181366
#2	.1767927	.1456293	.8101737	9.025925	9.354991	.0124926
#3	-.130255	.1362318	.8311129	8.773771	9.401907	.0108827

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: P5055-20 Acquired: 12/18/2024 0:58:49 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHKW8 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0024222	2.716116	6.943646	.0422925	.5097588	.8494082
Stddev	.0006245	.010509	.035173	.0035181	.0095368	.0038033
%RSD	25.78047	.3869085	.5065529	8.318366	1.870838	.4477605
#1	.0031148	2.713275	6.927916	.0387311	.4988391	.8450734
#2	.0022493	2.707320	6.983940	.0423809	.5139865	.8521859
#3	.0019024	2.727753	6.919084	.0457656	.5164510	.8509653

Elem	Li6707
Units	ppm
Avg	.1718519
Stddev	.0034496
%RSD	2.007329
#1	.1716867
#2	.1753812
#3	.1684879

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2031.007	24928.26	1340.419	1725.418	1995.181
Stddev	1.651	124.04	5.330	7.114	1.624
%RSD	.0812804	.4976040	.3976679	.4122900	.0814181
#1	2032.153	25021.12	1345.718	1730.641	1994.002
#2	2031.754	24976.28	1335.058	1728.297	1994.508
#3	2029.115	24787.39	1340.481	1717.316	1997.034

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: CCV054 Acquired: 12/18/2024 1:02:39 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: CCV054 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.185671	5.054331	24.75729	5.218158	5.185185	396.4303	10.38544
Stddev	.019014	.031446	.11760	.031256	.025439	5.7769	.15090
%RSD	.3666681	.6221598	.4749942	.5989799	.4906159	1.457227	1.452985
#1	5.207174	5.052455	24.79992	5.210757	5.192526	398.6416	10.44853
#2	5.171077	5.086673	24.84761	5.252450	5.206146	400.7749	10.49455
#3	5.178762	5.023865	24.62432	5.191267	5.156882	389.8744	10.21323

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5193119	2.511585	411.7863	15.79611	2.515829	15.28022	405.6216
Stddev	.0071956	.010514	6.8925	.04162	.011080	.27325	5.9799
%RSD	1.385604	.4186362	1.673799	.2634965	.4404222	1.788239	1.474258
#1	.5187312	2.515122	415.2170	15.77927	2.523920	15.39149	407.7234
#2	.5267803	2.519875	416.2901	15.84351	2.520366	15.48027	410.2668
#3	.5124243	2.499758	403.8517	15.76554	2.503200	14.96889	398.8745

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.68704	407.1635	2.511597	1.310873	394.0830	2.541447	15.67565
Stddev	.24976	6.7891	.013040	.002247	6.7206	.037658	.09912
%RSD	1.592162	1.667418	.5192046	.1713859	1.705371	1.481737	.6323392
#1	15.80629	410.4665	2.518979	1.313322	396.8207	2.557259	15.77420
#2	15.85483	411.6691	2.519272	1.310389	399.0025	2.568621	15.57596
#3	15.40000	399.3549	2.496540	1.308907	386.4256	2.498462	15.67678

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	157.2156	5.004663	4.910199	4.797275	4.951004	5.052610	5.054614
Stddev	2.2501	.015180	.071546	.015723	.012827	.075705	.024269
%RSD	1.431192	.3033107	1.457100	.3277580	.2590760	1.498337	.4801419
#1	158.1726	5.015632	4.917177	4.804765	4.955938	5.046366	5.059834
#2	158.8290	5.011019	4.978001	4.807852	4.960631	5.131243	5.075849
#3	154.6453	4.987339	4.835419	4.779206	4.936443	4.980219	5.028160

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: CCV054 Acquired: 12/18/2024 1:02:39 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: CCV054 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	5.140867	4.839813	5.155839
Stddev	.073141	.080217	.067283
%RSD	1.422729	1.657432	1.304993
#1	5.170721	4.873159	5.168252
#2	5.194359	4.897978	5.216051
#3	5.057522	4.748302	5.083214

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1523.945	20516.15	1118.969	1348.109	1988.911
Stddev	6.408	26.35	16.063	5.987	10.622
%RSD	.4204947	.1284259	1.435557	.4440959	.5340376
#1	1524.343	20535.95	1121.882	1345.409	1987.343
#2	1517.347	20486.24	1101.649	1354.970	1979.161
#3	1530.145	20526.25	1133.378	1343.947	2000.230

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: CCB054 Acquired: 12/18/2024 1:06:17 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: CCB054 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0026321	.0052016	-.001343	.0026188	-.001041	.0443229
Stddev	.0023714	.0036585	.002280	.0038520	.001585	.0093220
%RSD	90.09631	70.33386	169.7894	147.0905	152.3168	21.03209
#1	.0013300	.0025979	.001060	.0063407	-.002258	.0397513
#2	.0053693	.0036225	-.003476	.0028672	.000752	.0381691
#3	.0011970	.0093845	-.001611	-.001351	-.001616	.0550482

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0014195	.0000626	-.000013	-.066758	.0001524	.0004244
Stddev	.0013164	.0000715	.000046	.040146	.0003440	.0003090
%RSD	92.73900	114.2329	351.7239	60.13696	225.7542	72.80943
#1	.0005284	.0001155	-.000001	-.098304	.0004185	.0001664
#2	.0029314	.0000911	-.000064	-.021568	.0002747	.0003399
#3	.0007985	-.000019	.000026	-.080400	-.000236	.0007669

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0109628	.0245292	-.000202	-.102705	.0003262	.0007305
Stddev	.0078176	.0414740	.003191	.076924	.0008272	.0014678
%RSD	71.31095	169.0800	1578.115	74.89834	253.5805	200.9518
#1	.0019609	.0410768	.000546	-.125048	.0009864	-.000159
#2	.0160476	-.022664	-.003700	-.165984	-.000602	-.000074
#3	.0148797	.055175	.002547	-.017082	.000594	.002425

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.644268	.0085606	.0275107	.1985371	-.000168	.0144397
Stddev	.814337	.0111282	.0174015	.3760641	.000184	.0049556
%RSD	126.3972	129.9930	63.25345	189.4176	109.4081	34.31945
#1	.207323	.0064418	.0083424	.2585831	.000029	.0090843
#2	-1.41537	-.001356	.0423145	.5409656	-.000199	.0188633
#3	-.72475	.020596	.0318753	-.203937	-.000335	.0153716

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: CCB054 Acquired: 12/18/2024 1:06:17 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: CCB054 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001406	.0022762	.0006540	-.001163	-.001374	.0001675
Stddev	.0002163	.0056189	.0007039	.000615	.001921	.0002548
%RSD	153.8788	246.8538	107.6302	52.90534	139.8325	152.1114
#1	.0000367	-.002758	-.000045	-.001856	.000840	.0000342
#2	-.000004	.001249	.001362	-.000682	-.002608	.0004614
#3	.000389	.008338	.000645	-.000950	-.002353	.0000070

Elem	Li6707
Units	ppm
Avg	F .0305039
Stddev	.0053561
%RSD	17.55870
#1	.0283862
#2	.0265305
#3	.0365951

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1866.530	22796.53	1180.090	1585.442	2475.548
Stddev	5.734	218.42	70.748	13.172	9.696
%RSD	.3072096	.9581338	5.995156	.8307824	.3916904
#1	1864.484	22547.44	1137.872	1570.375	2473.633
#2	1873.006	22886.84	1140.631	1594.776	2486.059
#3	1862.099	22955.31	1261.768	1591.174	2466.951

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: P5055-21 Acquired: 12/18/2024 1:10:18 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHKW9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0789886	.0185879	.2945761	.0057143	.0075574	48.21182
Stddev	.0007433	.0026677	.0074610	.0047104	.0004046	.02967
%RSD	.9409683	14.35201	2.532797	82.43203	5.353617	.0615409
#1	.0781453	.0165930	.2983197	.0100169	.0074243	48.23270
#2	.0795483	.0216181	.2859845	.0006814	.0080117	48.22490
#3	.0792721	.0175526	.2994241	.0064445	.0072361	48.17786

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7257113	.0056180	.0045734	F 2044.041	.0841620	.1470222
Stddev	.0019303	.0002115	.0001748	5.681	.0008640	.0008779
%RSD	.2659916	3.764906	3.823081	.2779378	1.026614	.5971385
#1	.7263279	.0055115	.0043719	2049.019	.0851562	.1463234
#2	.7235480	.0054809	.0046850	2037.852	.0837373	.1467355
#3	.7272579	.0058616	.0046632	2045.252	.0835926	.1480076

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2738534	130.8194	12.06049	231.5231	.1616096	.0039691
Stddev	.0076060	.2153	.03904	.8082	.0007927	.0005819
%RSD	2.777388	.1645972	.3237298	.3490663	.4904724	14.66078
#1	.2650718	130.7152	12.04827	231.3144	.1623830	.0032983
#2	.2783603	130.6760	12.02901	230.8398	.1607990	.0043382
#3	.2781281	131.0670	12.10418	232.4152	.1616467	.0042708

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6816108	.1080412	.5536112	11.70004	7.251050	.0352891
Stddev	.9768517	.0091404	.0057554	.12613	.033746	.0062204
%RSD	143.3152	8.460117	1.039605	1.078070	.4653957	17.62709
#1	-.118308	.1092731	.5475646	11.84295	7.251513	.0423597
#2	.392849	.0983474	.5590226	11.65293	7.217075	.0306587
#3	1.770291	.1165032	.5542463	11.60424	7.284562	.0328490

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: P5055-21 Acquired: 12/18/2024 1:10:18 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHKW9 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000666	2.333836	6.703669	.0300243	.5907293	1.466237
Stddev	.000530	.019053	.015777	.0010201	.0079767	.004345
%RSD	79.59030	.8163783	.2353423	3.397567	1.350311	.2963647
#1	-.000450	2.314573	6.713270	.0292861	.5913554	1.464376
#2	-.001269	2.334262	6.685461	.0311883	.5824580	1.463131
#3	-.000277	2.352672	6.712276	.0295985	.5983744	1.471203

Elem	Li6707
Units	ppm
Avg	.2146305
Stddev	.0055529
%RSD	2.587185
#1	.2126607
#2	.2103310
#3	.2208998

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1952.195	23963.40	1276.065	1666.073	1929.178
Stddev	3.404	237.92	3.101	14.970	8.207
%RSD	.1743523	.9928423	.2429753	.8985152	.4254002
#1	1948.767	23918.77	1273.099	1669.045	1925.620
#2	1955.574	23750.96	1275.811	1649.840	1938.563
#3	1952.245	24220.48	1279.284	1679.334	1923.350

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: P5055-22 Acquired: 12/18/2024 1:14:09 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHKX0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1321608	-.016831	.2772180	.0346659	.0178656	47.20198
Stddev	.0025816	.004883	.0021604	.0036113	.0018499	.13825
%RSD	1.953339	29.01372	.7792999	10.41752	10.35481	.2928895
#1	.1291827	-.021562	.2747438	.0376062	.0174531	47.36129
#2	.1335359	-.011809	.2781797	.0357566	.0162567	47.13122
#3	.1337636	-.017122	.2787306	.0306350	.0198870	47.11343

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6186407	.0074063	.0046862	F 1349.333	.0727929	.1423443
Stddev	.0034564	.0000307	.0002191	4.985	.0001586	.0008117
%RSD	.5587085	.4144514	4.674939	.3694590	.2178953	.5702590
#1	.6206976	.0073892	.0046360	1355.008	.0726745	.1425704
#2	.6205743	.0074417	.0044967	1347.333	.0729731	.1414435
#3	.6146502	.0073880	.0049261	1345.658	.0727310	.1430190

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4310810	179.6038	8.062524	156.6474	.1816451	.0043609
Stddev	.0058583	.8423	.033686	.2762	.0015499	.0011337
%RSD	1.358975	.4689946	.4178108	.1763252	.8532769	25.99729
#1	.4243378	180.5324	8.101353	156.9663	.1803274	.0039366
#2	.4339869	179.3901	8.045098	156.4817	.1812551	.0056456
#3	.4349183	178.8888	8.041120	156.4944	.1833528	.0035006

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5882725	.1256664	.5061243	12.11850	F 17.13107	.0219158
Stddev	.6352469	.0056697	.0332546	.16018	.08481	.0047944
%RSD	107.9851	4.511668	6.570441	1.321771	.4950536	21.87668
#1	1.001282	.1197660	.4810061	12.27573	17.12308	.0234077
#2	.906749	.1310730	.4935304	12.12424	17.05054	.0257869
#3	-.143214	.1261601	.5438364	11.95553	17.21959	.0165528

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: P5055-22 Acquired: 12/18/2024 1:14:09 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHKX0 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0033569	2.207910	6.396171	.0293944	.3517909	1.139229
Stddev	.0007937	.013352	.059519	.0012817	.0042942	.005550
%RSD	23.64261	.6047280	.9305379	4.360506	1.220670	.4871765
#1	.0041786	2.205742	6.460307	.0289581	.3536386	1.145635
#2	.0025947	2.195775	6.385488	.0308374	.3468821	1.136188
#3	.0032974	2.222213	6.342717	.0283878	.3548520	1.135864

Elem	Li6707
Units	ppm
Avg	.1833288
Stddev	.0071994
%RSD	3.927017
#1	.1907469
#2	.1828695
#3	.1763702

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2144.752	26344.86	1406.036	1829.346	1997.505
Stddev	8.619	106.87	8.154	10.835	9.390
%RSD	.4018801	.4056529	.5799598	.5923139	.4700879
#1	2149.597	26407.65	1399.768	1836.663	2000.947
#2	2149.858	26221.47	1403.086	1816.898	2004.688
#3	2134.800	26405.47	1415.255	1834.476	1986.879

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: P5064-01 Acquired: 12/18/2024 1:18:00 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHL94 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0783470	-.047166	.7726197	.0602596	.0237947	61.01360	.9286947
Stddev	.0044442	.001092	.0032215	.0028448	.0020911	.26167	.0046610
%RSD	5.672497	2.315976	.4169604	4.720950	8.788235	.4288790	.5018864
#1	.0773026	-.046016	.7690730	.0622098	.0233354	61.27847	.9334098
#2	.0745180	-.047292	.7734216	.0615737	.0219714	60.75525	.9240898
#3	.0832204	-.048190	.7753646	.0569953	.0260773	61.00708	.9285844

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0073930	.0034487	27.46441	.1017139	.0822071	.1828469	142.3998
Stddev	.0000676	.0000438	.14279	.0009232	.0004146	.0055633	.8095
%RSD	.9140959	1.268846	.5199028	.9076497	.5043496	3.042580	.5685048
#1	.0074263	.0033986	27.62113	.1011716	.0818037	.1876972	143.2985
#2	.0074375	.0034796	27.34170	.1011902	.0821856	.1840695	141.7276
#3	.0073152	.0034677	27.43039	.1027799	.0826321	.1767740	142.1732

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.119541	18.96551	.1147682	.0037474	-.587394	.1505081	.4724640
Stddev	.026522	.04367	.0005812	.0001620	.571433	.0009525	.0207041
%RSD	.5180618	.2302673	.5064356	4.323332	97.28273	.6328670	4.382143
#1	5.145289	18.93899	.1146497	.0036285	.055942	.1497996	.4615085
#2	5.092306	19.01592	.1153995	.0036817	-.782079	.1515909	.4595395
#3	5.121027	18.94163	.1142553	.0039319	-1.03604	.1501338	.4963439

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.472606	6.054083	-.034913	.0027425	1.229088	8.647692	.0237744
Stddev	.124981	.016067	.002028	.0010329	.009211	.068861	.0025056
%RSD	2.794373	.2653899	5.808024	37.66410	.7493857	.7962977	10.53916
#1	4.615670	6.047558	-.036822	.0024713	1.225643	8.725271	.0266446
#2	4.384646	6.042305	-.032784	.0038839	1.222096	8.593800	.0226551
#3	4.417501	6.072386	-.035133	.0018721	1.239524	8.624006	.0220236

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: P5064-01 Acquired: 12/18/2024 1:18:00 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHL94 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.5872566	-.057607	.1074015
Stddev	.0030935	.000865	.0033299
%RSD	.5267696	1.501272	3.100376
#1	.5889589	-.058605	.1073178
#2	.5891251	-.057119	.1107724
#3	.5836858	-.057096	.1041143

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2282.973	28060.86	1384.077	1958.338	2451.667
Stddev	3.528	71.55	11.124	6.495	.928
%RSD	.1545357	.2549852	.8037211	.3316540	.0378652
#1	2279.211	28141.76	1374.607	1961.648	2451.992
#2	2283.501	28034.97	1396.328	1962.510	2452.389
#3	2286.207	28005.86	1381.296	1950.854	2450.619

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: P5064-02 Acquired: 12/18/2024 1:21:51 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHL95 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0560810	-.005994	1.062108	.0248389	.0139373	46.70848	.6999377
Stddev	.0018885	.005058	.007249	.0086389	.0014457	.15819	.0024227
%RSD	3.367367	84.38679	.6825160	34.77986	10.37276	.3386763	.3461261
#1	.0557265	-.000676	1.060090	.0149749	.0156066	46.88587	.7026957
#2	.0581216	-.006562	1.056083	.0310581	.0131108	46.58203	.6989641
#3	.0543949	-.010744	1.070153	.0284838	.0130946	46.65755	.6981534

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0056536	.0032657	324.7898	.1330968	.1007912	.1690595	124.7027
Stddev	.0000621	.0001387	.5348	.0010537	.0002924	.0100807	.2053
%RSD	1.098318	4.247505	.1646550	.7916675	.2901473	5.962802	.1646360
#1	.0055941	.0034191	325.3647	.1327547	.1011286	.1801638	124.9324
#2	.0057180	.0032291	324.6975	.1342791	.1006337	.1604840	124.6384
#3	.0056488	.0031490	324.3072	.1322567	.1006112	.1665306	124.5372

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.956261	66.13730	.1228933	.0033143	-.156789	.1190022	.5470241
Stddev	.018122	.14523	.0011618	.0004538	.602585	.0049951	.0034940
%RSD	.3042468	.2195891	.9453848	13.69363	384.3275	4.197522	.6387347
#1	5.973258	66.30219	.1236637	.0035569	-.814193	.1134006	.5442921
#2	5.937193	66.08133	.1215570	.0027907	.369330	.1206122	.5509611
#3	5.958331	66.02838	.1234593	.0035952	-.025504	.1229937	.5458190

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.373118	7.331318	-.008756	.0071918	1.196274	8.405339	.0218193
Stddev	.217957	.030146	.000547	.0003124	.003324	.035086	.0011661
%RSD	4.984027	.4111911	6.250429	4.343513	.2778345	.4174273	5.344435
#1	4.601798	7.324492	-.008220	.0075454	1.200069	8.445556	.0218993
#2	4.349798	7.305170	-.008736	.0070764	1.193882	8.380989	.0206153
#3	4.167758	7.364291	-.009314	.0069534	1.194872	8.389473	.0229434

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: P5064-02 Acquired: 12/18/2024 1:21:51 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHL95 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.5071776	.1939299	.1200406
Stddev	.0044810	.0008439	.0060055
%RSD	.8835242	.4351668	5.002909
#1	.5121836	.1948190	.1266917
#2	.5058080	.1938307	.1184147
#3	.5035413	.1931400	.1150154

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2137.414	26371.48	1338.520	1820.677	2264.771
Stddev	6.859	17.66	4.545	5.545	7.450
%RSD	.3208974	.0669596	.3395595	.3045475	.3289667
#1	2130.749	26356.40	1333.397	1820.088	2258.384
#2	2144.451	26367.13	1342.066	1815.450	2272.956
#3	2137.042	26390.90	1340.097	1826.493	2262.974

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: P5064-03 Acquired: 12/18/2024 1:25:42 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHL96 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0542022	-.005920	.2242788	.0306279	.0150065	44.56773	.4076097
Stddev	.0024567	.004081	.0045982	.0012668	.0016406	.14981	.0020712
%RSD	4.532443	68.94127	2.050202	4.136081	10.93260	.3361311	.5081352
#1	.0518110	-.001662	.2191805	.0305996	.0153446	44.45262	.4053038
#2	.0540761	-.009798	.2281120	.0293756	.0164517	44.51346	.4082134
#3	.0567196	-.006300	.2255439	.0319087	.0132232	44.73711	.4093121

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0053646	.0021863	295.9816	.0828335	.1003356	.2214637	135.6186
Stddev	.0000948	.0001221	1.4599	.0004131	.0003938	.0049198	.7745
%RSD	1.767109	5.587193	.4932286	.4987696	.3925066	2.221494	.5711078
#1	.0054454	.0022541	294.7475	.0824687	.1002332	.2180719	134.7338
#2	.0053880	.0022595	295.6042	.0827497	.1000031	.2192129	135.9482
#3	.0052602	.0020453	297.5931	.0832822	.1007705	.2271063	136.1739

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.202639	95.46466	.1292448	.0033040	.1275848	.1253971	.3133281
Stddev	.024357	.62468	.0015585	.0011196	.1918869	.0096504	.0215134
%RSD	.3381613	.6543559	1.205881	33.88715	150.3995	7.695904	6.866100
#1	7.185165	94.96369	.1303840	.0029363	.3103796	.1189832	.3354388
#2	7.192292	95.26570	.1274687	.0024145	.1446314	.1364956	.3120793
#3	7.230461	96.16458	.1298817	.0045613	-.072257	.1207124	.2924663

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.393660	5.416305	-.012465	.0025726	.6042339	7.630244	.0170728
Stddev	.219518	.028150	.000930	.0005745	.0083976	.024805	.0023198
%RSD	4.996243	.5197274	7.458809	22.33211	1.389790	.3250942	13.58790
#1	4.141092	5.401937	-.012842	.0032195	.6025687	7.612372	.0144286
#2	4.538523	5.398238	-.011406	.0023761	.5967936	7.658564	.0180235
#3	4.501366	5.448739	-.013147	.0021221	.6133393	7.619795	.0187662

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: P5064-03 Acquired: 12/18/2024 1:25:42 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHL96 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.6712241	.1272151	.1152964
Stddev	.0059268	.0001084	.0043410
%RSD	.8829878	.0852263	3.765085
#1	.6646038	.1272091	.1112695
#2	.6730322	.1271099	.1198949
#3	.6760363	.1273265	.1147248

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2163.921	26757.02	1372.227	1851.024	2282.661
Stddev	4.768	183.13	3.304	14.990	5.744
%RSD	.2203517	.6844160	.2407662	.8098159	.2516405
#1	2160.969	26964.44	1375.050	1868.269	2282.107
#2	2169.422	26688.94	1368.593	1841.117	2288.662
#3	2161.372	26617.69	1373.038	1843.686	2277.214

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: P5064-04 Acquired: 12/18/2024 1:29:33 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHL97 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0358396	.0049542	.0966886	.0093943	.0054370	44.11389
Stddev	.0015641	.0051905	.0033071	.0053282	.0018915	.11056
%RSD	4.364199	104.7699	3.420376	56.71775	34.78868	.2506129
#1	.0342502	.0024289	.0994599	.0121356	.0033172	44.12092
#2	.0373771	.0109242	.0975781	.0032535	.0060415	44.22076
#3	.0358914	.0015095	.0930277	.0127938	.0069523	43.99998

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4383128	.0044768	.0028063	F 1054.674	.0737002	.1073599
Stddev	.0007441	.0000232	.0000350	2.148	.0008296	.0005019
%RSD	.1697540	.5175639	1.248392	.2036355	1.125654	.4674858
#1	.4382684	.0045010	.0028416	1055.038	.0741205	.1067815
#2	.4390781	.0044745	.0028059	1056.616	.0742355	.1076800
#3	.4375920	.0044548	.0027715	1052.368	.0727446	.1076183

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2115849	119.2596	8.143216	194.9080	.1295120	.0021680
Stddev	.0088820	.3595	.016701	.1255	.0020190	.0007904
%RSD	4.197828	.3014486	.2050902	.0643795	1.558943	36.45911
#1	.2020910	119.1845	8.162499	194.9347	.1287314	.0016495
#2	.2196918	118.9436	8.133702	194.7713	.1279999	.0030777
#3	.2129720	119.6508	8.133446	195.0180	.1318048	.0017767

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4990721	.1121563	.3087708	6.240700	6.647182	-.003473
Stddev	.3104272	.0130831	.0175668	.112560	.053791	.007127
%RSD	62.20087	11.66501	5.689256	1.803641	.8092276	205.2013
#1	.4000859	.1139583	.2896004	6.328851	6.597548	-.009954
#2	.2502092	.0982657	.3240974	6.279339	6.639661	.004159
#3	.8469213	.1242450	.3126147	6.113910	6.704338	-.004624

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: P5064-04 Acquired: 12/18/2024 1:29:33 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHL97 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005753	.7130621	7.852805	.0195134	1.109760	.4662324
Stddev	.0003816	.0046677	.022409	.0018158	.001962	.0016695
%RSD	66.33550	.6545942	.2853645	9.305149	.1768233	.3580923
#1	.0007627	.7076877	7.875032	.0216024	1.111711	.4675149
#2	.0008270	.7161009	7.853166	.0183144	1.109784	.4643447
#3	.0001362	.7153979	7.830218	.0186233	1.107786	.4668377

Elem	Li6707
Units	ppm
Avg	.1505355
Stddev	.0024270
%RSD	1.612237
#1	.1493886
#2	.1488945
#3	.1533234

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2014.838	24782.58	1320.501	1714.759	2061.532
Stddev	9.972	61.81	3.797	10.751	12.353
%RSD	.4949188	.2494107	.2875559	.6269714	.5992109
#1	2025.518	24726.27	1316.768	1703.343	2073.748
#2	2013.226	24848.71	1324.359	1724.691	2061.800
#3	2005.771	24772.74	1320.375	1716.244	2049.047

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: P5064-05 Acquired: 12/18/2024 1:33:25 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHLA5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1160007	-.023189	1.572707	.0499106	.0201733	56.01064
Stddev	.0014264	.003315	.005712	.0013665	.0032763	.21710
%RSD	1.229671	14.29677	.3632091	2.737869	16.24104	.3876093
#1	.1143539	-.026972	1.567457	.0514884	.0212248	55.75997
#2	.1168489	-.021805	1.571873	.0491332	.0165003	56.13308
#3	.1167994	-.020789	1.578790	.0491102	.0227948	56.13886

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.233726	.0068109	.0092691	290.9654	.1788696	.1188611
Stddev	.003037	.0000803	.0000327	.5593	.0015056	.0003836
%RSD	.2461293	1.179470	.3531697	.1922215	.8417290	.3227092
#1	1.230819	.0067275	.0092511	290.3212	.1805136	.1187067
#2	1.236877	.0068175	.0092494	291.2485	.1775580	.1192978
#3	1.233483	.0068878	.0093069	291.3266	.1785371	.1185788

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3859872	166.3672	9.194265	55.69835	.1904946	.0069999
Stddev	.0113083	.4298	.007283	.33183	.0017612	.0003095
%RSD	2.929694	.2583390	.0792124	.5957681	.9245436	4.421356
#1	.3760327	165.8793	9.195553	55.36290	.1906444	.0068130
#2	.3982828	166.5325	9.186423	55.70569	.1886633	.0068296
#3	.3836463	166.6897	9.200817	56.02645	.1921761	.0073572

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.039642	.1587166	1.647830	6.781000	F 11.76979	-.010149
Stddev	.254320	.0078350	.020820	.145796	.05380	.003688
%RSD	641.5424	4.936491	1.263508	2.150061	.4570763	36.34165
#1	.064164	.1496848	1.671851	6.807029	11.75206	-.011620
#2	.146356	.1636883	1.636661	6.912029	11.72710	-.005953
#3	-.329446	.1627768	1.634977	6.623944	11.83022	-.012876

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: P5064-05 Acquired: 12/18/2024 1:33:25 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHLA5 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0048299	2.727404	8.543332	.0796616	.7228164	.4148507
Stddev	.0007183	.010213	.028499	.0005233	.0029989	.0011241
%RSD	14.87160	.3744723	.3335804	.6569210	.4148983	.2709550
#1	.0056196	2.733393	8.542579	.0792950	.7193579	.4144225
#2	.0046545	2.715611	8.572200	.0794288	.7246961	.4161260
#3	.0042155	2.733207	8.515217	.0802609	.7243953	.4140037

Elem	Li6707
Units	ppm
Avg	.1284055
Stddev	.0103094
%RSD	8.028805
#1	.1171360
#2	.1373618
#3	.1307187

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2148.762	26318.33	1353.432	1837.755	2297.560
Stddev	4.541	147.86	3.344	9.836	5.479
%RSD	.2113133	.5618173	.2471013	.5352286	.2384838
#1	2151.413	26192.86	1357.285	1827.790	2297.465
#2	2151.354	26481.35	1351.282	1847.457	2303.086
#3	2143.519	26280.81	1351.728	1838.019	2292.129

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: P5064-06 Acquired: 12/18/2024 1:37:16 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHLA6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1049582	-.010160	1.445717	.0356747	.0183278	49.58965
Stddev	.0034963	.004153	.005966	.0035813	.0036628	.33338
%RSD	3.331111	40.87550	.4126882	10.03886	19.98475	.6722782
#1	.1011068	-.013950	1.440811	.0362122	.0152210	49.43163
#2	.1079323	-.005720	1.443982	.0389569	.0173958	49.97266
#3	.1058356	-.010811	1.452359	.0318550	.0223664	49.36466

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.212992	.0060057	.0063472	266.8766	.1534242	.1043569
Stddev	.008174	.0001060	.0000855	1.6029	.0012672	.0003437
%RSD	.6738571	1.764956	1.347491	.6006185	.8259420	.3293849
#1	1.209470	.0059871	.0064399	265.5799	.1521649	.1047206
#2	1.222336	.0061197	.0062713	268.6687	.1546992	.1040374
#3	1.207170	.0059102	.0063306	266.3810	.1534085	.1043129

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3364938	131.3478	7.122253	50.82672	.1464014	.0060911
Stddev	.0087185	.8145	.053225	.42890	.0004637	.0006988
%RSD	2.590971	.6201401	.7473070	.8438553	.3167237	11.47205
#1	.3286769	131.0263	7.078754	50.70080	.1458862	.0060092
#2	.3458962	132.2741	7.181603	51.30449	.1467851	.0054369
#3	.3349084	130.7431	7.106404	50.47488	.1465330	.0068273

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.889785	.1312964	1.310010	6.877234	F 11.15572	.0013654
Stddev	.360133	.0116836	.011954	.277409	.02443	.0038577
%RSD	40.47418	8.898618	.9125258	4.033727	.2189578	282.5268
#1	-1.23591	.1245307	1.305943	6.643380	11.15405	.0014246
#2	-.51711	.1447874	1.300619	6.804583	11.13218	-.002522
#3	-.91633	.1245711	1.323466	7.183740	11.18094	.005193

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: P5064-06 Acquired: 12/18/2024 1:37:16 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHLA6 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0039923	2.626545	7.487317	.0826536	.6699404	.2064346
Stddev	.0009467	.012991	.037435	.0013479	.0056647	.0013471
%RSD	23.71446	.4946006	.4999754	1.630835	.8455571	.6525734
#1	.0033556	2.613652	7.496753	.0841744	.6686522	.2054309
#2	.0050802	2.626352	7.519131	.0816063	.6761383	.2079657
#3	.0035410	2.639632	7.446067	.0821802	.6650307	.2059073

Elem	Li6707
Units	ppm
Avg	.1095167
Stddev	.0032603
%RSD	2.976938
#1	.1132172
#2	.1070673
#3	.1082656

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2119.026	26101.91	1338.651	1819.385	2308.379
Stddev	7.202	35.65	8.678	6.074	8.773
%RSD	.3398696	.1365818	.6482927	.3338743	.3800442
#1	2115.949	26102.53	1333.947	1815.484	2306.598
#2	2127.255	26065.96	1333.341	1826.384	2317.905
#3	2113.874	26137.25	1348.666	1816.287	2300.633

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: P5064-07 Acquired: 12/18/2024 1:41:07 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHLA7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0583303	.0129200	.1725032	.0179480	.0097376	44.65505	.5245076
Stddev	.0053113	.0023554	.0003289	.0029403	.0013589	.06452	.0009534
%RSD	9.105541	18.23084	.1906420	16.38247	13.95481	.1444853	.1817701
#1	.0604012	.0152281	.1728636	.0212937	.0098505	44.68774	.5242060
#2	.0622942	.0130118	.1724265	.0157749	.0110365	44.69667	.5237414
#3	.0522955	.0105200	.1722194	.0167754	.0083258	44.58073	.5255753

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0050104	.0029331	704.6310	.0756951	.1147114	.1945371	120.0948
Stddev	.0002463	.0001416	1.5830	.0010808	.0007974	.0040065	.4589
%RSD	4.914980	4.827713	.2246554	1.427841	.6951576	2.059525	.3821477
#1	.0047415	.0030965	704.3159	.0746914	.1145154	.1965221	119.8348
#2	.0050646	.0028468	706.3479	.0755546	.1140302	.1971636	119.8249
#3	.0052250	.0028559	703.2293	.0768392	.1155886	.1899256	120.6247

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.851478	103.1500	.1236733	.0024082	.4854669	.0948646	.4257975
Stddev	.017444	.1722	.0006871	.0011516	.1722308	.0081156	.0063558
%RSD	.1770714	.1669796	.5555446	47.81792	35.47735	8.554923	1.492670
#1	9.835414	102.9593	.1233407	.0016672	.5302181	.0944555	.4227737
#2	9.870034	103.1963	.1232158	.0018225	.2952776	.1031769	.4215182
#3	9.848985	103.2943	.1244633	.0037349	.6309051	.0869612	.4331006

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.385308	6.303870	-.014644	.0005434	1.379482	7.283324	.0193765
Stddev	.078084	.024803	.004002	.0007307	.013306	.036595	.0007375
%RSD	2.306551	.3934630	27.33192	134.4763	.9645827	.5024492	3.806156
#1	3.470628	6.308881	-.010068	.0011248	1.365115	7.264878	.0193632
#2	3.317400	6.276943	-.016367	-.000277	1.381947	7.259624	.0186457
#3	3.367895	6.325785	-.017496	.000782	1.391383	7.325472	.0201205

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: P5064-07 Acquired: 12/18/2024 1:41:07 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHLA7 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.4260474	.4235391	.1262944
Stddev	.0041058	.0010630	.0006292
%RSD	.9636930	.2509846	.4982309
#1	.4298292	.4225134	.1263923
#2	.4266326	.4234679	.1256219
#3	.4216804	.4246359	.1268689

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2144.880	26313.09	1380.078	1830.158	2172.072
Stddev	3.285	45.83	9.957	6.980	3.248
%RSD	.1531348	.1741670	.7214757	.3814116	.1495381
#1	2141.289	26361.78	1388.361	1834.385	2169.312
#2	2147.732	26270.80	1382.842	1822.101	2175.651
#3	2145.619	26306.68	1369.031	1833.988	2171.252

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: P5064-08 Acquired: 12/18/2024 1:44:58 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHLA8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1265404	-.014686	2.172218	.0453414	.0182798	58.38693
Stddev	.0061503	.003293	.005139	.0071246	.0018238	.44851
%RSD	4.860367	22.42266	.2365572	15.71336	9.977412	.7681715
#1	.1194433	-.010944	2.171174	.0445845	.0169926	58.41594
#2	.1298649	-.015976	2.167682	.0528142	.0174798	57.92462
#3	.1303130	-.017139	2.177798	.0386254	.0203669	58.82024

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.934993	.0064680	.0068216	160.6287	.1385709	.1081382
Stddev	.012662	.0002412	.0002018	1.1544	.0059459	.0009034
%RSD	.6543634	3.728550	2.958192	.7186564	4.290891	.8353663
#1	1.934267	.0067451	.0070546	160.6451	.1395368	.1090010
#2	1.922710	.0063053	.0067018	159.4662	.1322012	.1071991
#3	1.948002	.0063537	.0067084	161.7747	.1439748	.1082146

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3366795	134.3409	9.281621	32.08564	.1487837	.0067768
Stddev	.0028360	.8679	.078743	.30887	.0013488	.0001800
%RSD	.8423490	.6460372	.8483713	.9626300	.9065676	2.656712
#1	.3396964	134.6306	9.303923	31.99223	.1495617	.0068751
#2	.3340680	133.3652	9.194133	31.83426	.1472263	.0065690
#3	.3362742	135.0269	9.346807	32.43043	.1495633	.0068862

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1001302	.1467976	1.382566	8.318913	F 16.04972	.0127838
Stddev	.4122312	.0119565	.050270	.320125	.05079	.0015708
%RSD	411.6952	8.144917	3.636023	3.848161	.3164719	12.28745
#1	.5544627	.1360714	1.390628	8.364584	16.03791	.0128546
#2	-.250004	.1446328	1.328752	7.978405	16.00587	.0111788
#3	-.004069	.1596887	1.428318	8.613749	16.10537	.0143180

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: P5064-08 Acquired: 12/18/2024 1:44:58 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHLA8 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0047222	2.520151	9.007805	.1198141	.7127428	.2748551
Stddev	.0002029	.003862	.138719	.0008323	.0054292	.0023946
%RSD	4.297285	.1532571	1.539986	.6946752	.7617299	.8712384
#1	.0044901	2.520511	9.005200	.1188553	.7131976	.2752654
#2	.0048659	2.516121	8.870407	.1203505	.7071005	.2722819
#3	.0048107	2.523821	9.147808	.1202366	.7179302	.2770182

Elem	Li6707
Units	ppm
Avg	.1220508
Stddev	.0014511
%RSD	1.188895
#1	.1237176
#2	.1213662
#3	.1210688

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2172.618	26782.06	1349.266	1873.246	2368.560
Stddev	3.504	986.11	15.085	63.732	.965
%RSD	.1612863	3.681966	1.118022	3.402199	.0407310
#1	2174.007	26697.82	1351.932	1872.320	2367.455
#2	2168.633	27807.58	1362.840	1937.435	2368.985
#3	2175.215	25840.77	1333.026	1809.982	2369.239

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: P5064-09 Acquired: 12/18/2024 1:48:48 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHLA9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1006676	-.038521	.7604587	.0614096	.0249267	79.73743
Stddev	.0016737	.006671	.0035332	.0016267	.0002461	.18837
%RSD	1.662605	17.31761	.4646100	2.648913	.9875109	.2362433
#1	.1025232	-.037150	.7570448	.0602838	.0251411	79.59309
#2	.0992720	-.045770	.7602311	.0632747	.0246579	79.66867
#3	.1002077	-.032641	.7641002	.0606705	.0249810	79.95052

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.337117	.0076851	.0058878	100.4342	.1377201	.1105155
Stddev	.003478	.0000615	.0000737	.4450	.0011012	.0011810
%RSD	.2600792	.7999056	1.251218	.4430482	.7996157	1.068633
#1	1.333160	.0077561	.0058463	99.9204	.1387288	.1091551
#2	1.338502	.0076495	.0059729	100.6842	.1365452	.1111136
#3	1.339688	.0076498	.0058443	100.6979	.1378862	.1112778

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1782373	165.8440	7.790336	34.08183	.1775713	.0068626
Stddev	.0096993	.4561	.005873	.12240	.0001277	.0004712
%RSD	5.441800	.2750227	.0753875	.3591319	.0719408	6.866244
#1	.1670421	165.3878	7.787901	34.22190	.1776162	.0073497
#2	.1835568	165.8440	7.786072	33.99546	.1774272	.0068292
#3	.1841130	166.3000	7.797034	34.02812	.1776706	.0064090

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.602160	.1551535	1.157468	7.161610	F 14.46349	-.025083
Stddev	.257247	.0128106	.017314	.267962	.05365	.001814
%RSD	42.72073	8.256719	1.495863	3.741644	.3709182	7.231457
#1	-.870037	.1469368	1.156100	7.407309	14.43146	-.025913
#2	-.357058	.1699144	1.175425	7.201633	14.43359	-.023002
#3	-.579385	.1486094	1.140878	6.875888	14.52543	-.026333

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: P5064-09 Acquired: 12/18/2024 1:48:48 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHLA9 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0031104	2.051130	9.424562	.0484889	.6574144	.0670913
Stddev	.0003648	.006246	.029056	.0014810	.0036964	.0004344
%RSD	11.72793	.3045109	.3082973	3.054364	.5622571	.6475064
#1	.0028188	2.051367	9.396013	.0501861	.6532052	.0675895
#2	.0029931	2.044769	9.454099	.0478222	.6601313	.0668923
#3	.0035194	2.057254	9.423575	.0474585	.6589067	.0667920

Elem	Li6707
Units	ppm
Avg	.1443926
Stddev	.0048495
%RSD	3.358535
#1	.1499688
#2	.1420489
#3	.1411602

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2325.184	28520.01	1436.658	1990.572	2410.315
Stddev	8.992	109.90	4.853	10.834	11.197
%RSD	.3867373	.3853522	.3377646	.5442772	.4645623
#1	2335.357	28445.04	1435.736	1978.612	2422.345
#2	2321.901	28646.17	1441.905	1999.730	2408.404
#3	2318.295	28468.82	1432.332	1993.374	2400.197

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: P5064-10 Acquired: 12/18/2024 1:52:38 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHLB0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0738954	-.004964	.7107266	.0428303	.0168079	49.18757	1.542694
Stddev	.0007860	.001136	.0021182	.0026363	.0022988	.09200	.006122
%RSD	1.063620	22.88799	.2980370	6.155272	13.67658	.1870480	.3968624
#1	.0732411	-.005534	.7097711	.0457901	.0144532	49.28674	1.541772
#2	.0747672	-.005702	.7092544	.0419667	.0169244	49.17101	1.549225
#3	.0736780	-.003656	.7131542	.0407341	.0190463	49.10498	1.537085

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0055618	.0051395	237.1536	.1113103	.1089071	.1935297	143.6220
Stddev	.0001584	.0000863	.5903	.0015646	.0005276	.0006623	.1744
%RSD	2.848537	1.679187	.2489080	1.405646	.4844466	.3422257	.1214432
#1	.0053792	.0050530	237.7044	.1131158	.1093504	.1940688	143.4372
#2	.0056423	.0051398	236.5305	.1104642	.1083235	.1927904	143.7837
#3	.0056637	.0052256	237.2260	.1103509	.1090472	.1937298	143.6451

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.40703	72.16816	.1506439	.0062655	-.556206	.1303029	.8123327
Stddev	.01457	.33028	.0007128	.0009135	1.438321	.0117569	.0114533
%RSD	.1174690	.4576478	.4731657	14.57928	258.5953	9.022713	1.409922
#1	12.39500	72.09994	.1503410	.0070925	.471531	.1169727	.8142223
#2	12.42324	71.87732	.1514581	.0064191	-2.19994	.1347428	.8000521
#3	12.40284	72.52722	.1501326	.0052850	.05979	.1391933	.8227236

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.542698	9.366328	-.027042	.0038392	1.058666	6.627744	.0493826
Stddev	.259622	.017574	.000986	.0003977	.000805	.017931	.0011693
%RSD	4.684043	.1876257	3.645658	10.35884	.0760716	.2705488	2.367865
#1	5.262380	9.358243	-.025927	.0040890	1.059232	6.642026	.0497787
#2	5.774891	9.354253	-.027403	.0040481	1.059023	6.633585	.0480667
#3	5.590823	9.386489	-.027797	.0033806	1.057744	6.607620	.0503025

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: P5064-10 Acquired: 12/18/2024 1:52:38 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHLB0 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.6252303	.1056220	.1187099
Stddev	.0049203	.0007399	.0018055
%RSD	.7869614	.7005682	1.520940
#1	.6306237	.1053286	.1182718
#2	.6209866	.1064637	.1206942
#3	.6240807	.1050737	.1171638

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2120.009	26074.16	1325.017	1818.737	2323.656
Stddev	2.074	125.93	2.180	4.513	4.855
%RSD	.0978152	.4829579	.1645066	.2481351	.2089306
#1	2120.365	26134.33	1327.420	1823.922	2326.753
#2	2121.882	26158.72	1324.462	1816.600	2326.154
#3	2117.781	25929.43	1323.168	1815.690	2318.061

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: P5064-11 Acquired: 12/18/2024 1:56:29 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHLB1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0672318	.0008790	.2166587	.0392666	.0184159	41.90722	1.389759
Stddev	.0041734	.0063612	.0011011	.0030732	.0014856	.18062	.005381
%RSD	6.207452	723.6928	.5082189	7.826503	8.066880	.4309942	.3871779
#1	.0712465	-.001946	.2178762	.0420095	.0172039	42.10081	1.395812
#2	.0629161	-.003581	.2157326	.0398449	.0179707	41.87762	1.387944
#3	.0675327	.008163	.2163672	.0359453	.0200732	41.74323	1.385520

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0048337	.0042156	321.5567	.0800749	.1122956	.1178823	144.9690
Stddev	.0001758	.0001124	1.6554	.0011266	.0006342	.0069903	.8977
%RSD	3.637257	2.666449	.5148088	1.406892	.5647863	5.929917	.6192442
#1	.0050362	.0041409	322.9324	.0787753	.1124771	.1109949	145.8550
#2	.0047444	.0041609	322.0181	.0806758	.1115904	.1176809	144.9921
#3	.0047204	.0043448	319.7195	.0807737	.1128193	.1249712	144.0600

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.78681	81.19818	.1352583	.0064315	-.256388	.0991561	.5322873
Stddev	.08611	.62440	.0007830	.0005683	.922431	.0187275	.0103043
%RSD	.5823491	.7689864	.5789221	8.835754	359.7790	18.88684	1.935848
#1	14.84855	81.82143	.1349472	.0069215	-1.16857	.1180303	.5338867
#2	14.82344	81.20048	.1346787	.0065645	.67596	.0805789	.5212769
#3	14.68844	80.57263	.1361491	.0058085	-.27656	.0988591	.5416984

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.288460	8.473063	-.017920	.0036391	.7397043	5.114045	.0212332
Stddev	.274718	.037014	.002080	.0004764	.0068467	.034691	.0011694
%RSD	4.368597	.4368383	11.60937	13.09230	.9255999	.6783382	5.507244
#1	6.241283	8.440794	-.020103	.0035768	.7354521	5.147988	.0198906
#2	6.040387	8.464927	-.017695	.0041436	.7360583	5.115495	.0217807
#3	6.583711	8.513468	-.015961	.0031968	.7476024	5.078652	.0220285

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: P5064-11 Acquired: 12/18/2024 1:56:29 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHLB1 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.3667026	.1473200	.1192731
Stddev	.0059442	.0004740	.0016429
%RSD	1.620988	.3217292	1.377383
#1	.3735661	.1471107	.1173867
#2	.3633199	.1478626	.1200431
#3	.3632217	.1469867	.1203896

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2069.986	25677.58	1303.314	1777.250	2269.974
Stddev	12.642	49.22	8.408	2.158	13.102
%RSD	.6107271	.1917026	.6451438	.1214045	.5771690
#1	2079.510	25709.44	1296.060	1776.221	2280.861
#2	2074.804	25620.88	1301.353	1775.800	2273.627
#3	2055.643	25702.41	1312.530	1779.730	2255.433

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: P5064-12 Acquired: 12/18/2024 2:00:21 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHLB2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0922960	-.034521	1.324654	.0554542	.0246855	56.04778
Stddev	.0005258	.002313	.006284	.0035504	.0010628	.18643
%RSD	.5697150	6.701470	.4743980	6.402347	4.305567	.3326204
#1	.0928645	-.036623	1.318579	.0546854	.0254579	55.88326
#2	.0918272	-.032042	1.324253	.0593260	.0234734	56.25027
#3	.0921963	-.034896	1.331129	.0523513	.0251253	56.00981

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9430809	.0071432	.0075937	65.85993	.3197911	.0907578
Stddev	.0014435	.0000508	.0001371	.05312	.0014055	.0005807
%RSD	.1530603	.7115792	1.806020	.0806513	.4394975	.6397948
#1	.9421525	.0070853	.0075000	65.80633	.3183633	.0908554
#2	.9447440	.0071637	.0075299	65.91255	.3198369	.0901346
#3	.9423463	.0071806	.0077511	65.86091	.3211732	.0912835

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2858529	136.8589	6.144446	28.29827	.1664054	.0066631
Stddev	.0156526	.8351	.036797	.30082	.0019589	.0009080
%RSD	5.475752	.6101853	.5988594	1.063036	1.177163	13.62656
#1	.2934319	135.9678	6.105561	27.99391	.1643662	.0056333
#2	.2678534	137.6235	6.178720	28.59543	.1665775	.0073486
#3	.2962733	136.9855	6.149056	28.30546	.1682726	.0070072

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.192091	.1607128	1.053001	5.392927	F 10.33231	-.001168
Stddev	.760599	.0162357	.017741	.198702	.06204	.002002
%RSD	395.9584	10.10233	1.684771	3.684486	.6004631	171.4097
#1	-.515112	.1447754	1.059300	5.164337	10.28651	.001117
#2	.676706	.1772313	1.032971	5.490135	10.30750	-.002006
#3	-.737866	.1601317	1.066733	5.524311	10.40291	-.002614

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: P5064-12 Acquired: 12/18/2024 2:00:21 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHLB2 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0065247	4.173165	7.139289	.0632478	.7027287	.0013226
Stddev	.0005815	.029086	.049952	.0026025	.0029791	.0006972
%RSD	8.912425	.6969827	.6996779	4.114848	.4239323	52.71499
#1	.0069714	4.152238	7.114123	.0602498	.6995655	.0021259
#2	.0067355	4.160878	7.196818	.0645667	.7031397	.0009663
#3	.0058671	4.206378	7.106925	.0649268	.7054810	.0008755

Elem	Li6707
Units	ppm
Avg	.1081922
Stddev	.0035895
%RSD	3.317748
#1	.1120678
#2	.1049818
#3	.1075270

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2153.683	26562.11	1322.593	1828.061	2418.266
Stddev	8.794	27.10	10.735	4.329	9.618
%RSD	.4083165	.1020289	.8116876	.2368033	.3977029
#1	2156.382	26566.64	1330.235	1832.896	2422.571
#2	2160.810	26533.03	1310.319	1826.740	2424.980
#3	2143.855	26586.66	1327.224	1824.546	2407.248

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: P5064-13 Acquired: 12/18/2024 2:04:09 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHLB3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0958201	-.020321	1.183821	.0453322	.0202714	54.91577	.9694947
Stddev	.0033867	.004893	.001541	.0036861	.0003209	.24976	.0058969
%RSD	3.534482	24.07708	.1301719	8.131383	1.582790	.4548127	.6082469
#1	.0996566	-.016168	1.185593	.0475305	.0206419	55.20293	.9762899
#2	.0932457	-.025715	1.183078	.0473894	.0200902	54.79529	.9664745
#3	.0945579	-.019081	1.182792	.0410766	.0200822	54.74908	.9657196

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0064965	.0075889	112.0248	.3193603	.0941896	.2510785	134.5190
Stddev	.0001217	.0001455	.3319	.0015741	.0006811	.0019001	.8250
%RSD	1.872928	1.916559	.2962358	.4928891	.7231407	.7567725	.6133117
#1	.0066241	.0074217	112.3800	.3190300	.0947818	.2489260	135.4685
#2	.0063818	.0076866	111.9715	.3210734	.0934453	.2517871	133.9776
#3	.0064835	.0076583	111.7227	.3179776	.0943418	.2525225	134.1109

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.551268	47.38345	.1649245	.0066997	-.241863	.1451279	1.001018
Stddev	.042458	.20924	.0004540	.0013733	.357247	.0130554	.006931
%RSD	.4965116	.4415972	.2752549	20.49747	147.7065	8.995815	.6923633
#1	8.600140	47.59534	.1650656	.0070014	.152138	.1462397	.993473
#2	8.523472	47.17695	.1644167	.0052007	-.544685	.1315521	1.007101
#3	8.530191	47.37807	.1652911	.0078970	-.333041	.1575918	1.002481

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.180491	8.789634	.0009043	.0060007	3.620676	9.068684	.0746075
Stddev	.070298	.045791	.0012733	.0002327	.015963	.067049	.0012234
%RSD	1.681583	.5209716	140.8142	3.877359	.4408743	.7393513	1.639825
#1	4.116657	8.793372	.0016178	.0058704	3.633295	9.131157	.0735288
#2	4.255834	8.742088	.0016608	.0062693	3.602731	9.077052	.0743568
#3	4.168981	8.833441	-.000566	.0058624	3.626001	8.997844	.0759368

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: P5064-13 Acquired: 12/18/2024 2:04:09 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHLB3 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.8716877	.0428122	.1130653
Stddev	.0068461	.0001389	.0020270
%RSD	.7853828	.3244923	1.792758
#1	.8755535	.0429575	.1126018
#2	.8637832	.0426807	.1113103
#3	.8757265	.0427984	.1152839

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2123.889	26045.15	1329.225	1812.315	2374.000
Stddev	4.094	91.21	5.379	4.616	3.876
%RSD	.1927726	.3501836	.4046602	.2546804	.1632591
#1	2119.174	26144.43	1324.151	1817.618	2370.128
#2	2126.553	26025.94	1328.660	1810.128	2377.880
#3	2125.938	25965.08	1334.864	1809.200	2373.991

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: P5064-14 Acquired: 12/18/2024 2:07:59 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHLB4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1076312	-.030953	1.239010	.0505348	.0238977	67.73396	1.125975
Stddev	.0033424	.001911	.000447	.0040988	.0017027	.32727	.006829
%RSD	3.105416	6.173885	.0360616	8.110875	7.124891	.4831710	.6065123
#1	.1046892	-.030702	1.239169	.0458181	.0220754	67.39227	1.118131
#2	.1112656	-.029180	1.239355	.0532325	.0254480	67.76500	1.130597
#3	.1069388	-.032977	1.238505	.0525537	.0241699	68.04460	1.129197

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0074930	.0078267	101.8703	.2934404	.1092486	.2783920	148.7921
Stddev	.0000232	.0000693	.3515	.0012115	.0011791	.0097052	1.1834
%RSD	.3093588	.8857086	.3450764	.4128621	1.079292	3.486156	.7953467
#1	.0075079	.0077496	101.4644	.2920638	.1097299	.2741220	147.5236
#2	.0075049	.0078838	102.0682	.2939133	.1101109	.2715539	148.9865
#3	.0074663	.0078468	102.0783	.2943442	.1079049	.2895000	149.8664

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.461828	37.39358	.1762140	.0060756	-.613975	.1599911	.9419272
Stddev	.054001	.43950	.0002429	.0015970	.777787	.0067012	.0166008
%RSD	.7237033	1.175334	.1378393	26.28504	126.6807	4.188465	1.762429
#1	7.415728	36.90656	.1761824	.0044580	.107229	.1624014	.9558209
#2	7.448516	37.51352	.1764711	.0076511	-.511055	.1651538	.9464175
#3	7.521241	37.76066	.1759884	.0061175	-1.43810	.1524182	.9235431

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.030115	8.922306	-.008980	.0058938	2.882892	8.737209	.0616692
Stddev	.226548	.014497	.001768	.0003491	.003592	.065377	.0016260
%RSD	5.621369	.1624790	19.68489	5.923202	.1245854	.7482652	2.636665
#1	3.780964	8.906698	-.008448	.0059219	2.880834	8.661836	.0612470
#2	4.085649	8.924868	-.010952	.0055316	2.880803	8.771228	.0602960
#3	4.223731	8.935350	-.007539	.0062281	2.887039	8.778562	.0634647

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: P5064-14 Acquired: 12/18/2024 2:07:59 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHLB4 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.8402982	.0177800	.1173246
Stddev	.0085838	.0005872	.0020544
%RSD	1.021520	3.302415	1.751036
#1	.8307803	.0176912	.1161288
#2	.8426616	.0172423	.1161482
#3	.8474527	.0184065	.1196968

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2162.892	26541.34	1367.235	1848.603	2370.277
Stddev	4.539	64.93	10.271	7.715	2.749
%RSD	.2098802	.2446305	.7512231	.4173527	.1159973
#1	2158.424	26497.93	1378.948	1840.714	2367.806
#2	2167.500	26510.11	1359.770	1848.962	2369.786
#3	2162.752	26615.98	1362.986	1856.132	2373.239

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: P5064-15 Acquired: 12/18/2024 2:11:51 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHLB5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1025793	-.036361	4.591094	.0599727	.0241568	65.07700	1.124171
Stddev	.0057659	.000984	.020573	.0029244	.0003848	.34193	.006522
%RSD	5.620919	2.707509	.4481129	4.876303	1.593104	.5254190	.5801648
#1	.1073724	-.037027	4.588704	.0568015	.0245676	64.84211	1.121517
#2	.0961808	-.036825	4.571820	.0605532	.0240982	65.46928	1.131601
#3	.1041847	-.035230	4.612757	.0625634	.0238046	64.91962	1.119393

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0076083	.0057022	55.08691	.1518491	.0967757	.2308022	152.0404
Stddev	.0001078	.0000725	.24440	.0014284	.0006647	.0069370	1.0710
%RSD	1.417226	1.270726	.4436575	.9406830	.6868391	3.005613	.7044187
#1	.0074862	.0056543	54.98334	.1514841	.0967904	.2388121	151.5777
#2	.0076905	.0056667	55.36604	.1506387	.0961038	.2268549	153.2650
#3	.0076482	.0057856	54.91135	.1534247	.0974329	.2267396	151.2785

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.762987	23.51509	.1440038	.0040522	.1506248	.1731899	.8025630
Stddev	.058917	.34823	.0005360	.0008277	.7357089	.0035131	.0160935
%RSD	.8711718	1.480893	.3722291	20.42643	488.4381	2.028493	2.005263
#1	6.739693	23.55844	.1445797	.0031781	.1216495	.1697409	.8054252
#2	6.829990	23.83963	.1435194	.0041543	-.570168	.1730649	.7852304
#3	6.719278	23.14722	.1439123	.0048241	.900393	.1767638	.8170333

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.558245	9.186275	-.015737	.0044244	2.569776	8.723969	.0559225
Stddev	.069593	.030978	.001904	.0002513	.008998	.099616	.0016875
%RSD	1.526742	.3372202	12.10196	5.679136	.3501549	1.141862	3.017496
#1	4.526672	9.185946	-.017902	.0043860	2.560108	8.752292	.0556951
#2	4.510036	9.155462	-.014989	.0041945	2.571311	8.806357	.0543602
#3	4.638028	9.217416	-.014320	.0046926	2.577907	8.613259	.0577121

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: P5064-15 Acquired: 12/18/2024 2:11:51 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHLB5 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.7999914	.0007541	.1253491
Stddev	.0092783	.0007785	.0030203
%RSD	1.159801	103.2345	2.409541
#1	.7991702	.0005491	.1249990
#2	.8096531	.0016147	.1285292
#3	.7911511	.0000986	.1225191

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2191.665	26888.32	1375.101	1879.557	2423.528
Stddev	10.313	111.85	13.671	8.690	8.504
%RSD	.4705741	.4159933	.9941713	.4623392	.3508873
#1	2203.267	27004.74	1373.120	1889.492	2430.514
#2	2188.191	26878.55	1362.528	1875.809	2426.012
#3	2183.537	26781.68	1389.654	1873.370	2414.059

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: P5064-16 Acquired: 12/18/2024 2:15:42 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHLB6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0868229	-.056687	.5234605	.0709062	.0284554	71.47440	1.082769
Stddev	.0009812	.004745	.0048823	.0065542	.0034276	.33212	.001654
%RSD	1.130124	8.370221	.9327055	9.243499	12.04534	.4646677	.1527130
#1	.0862124	-.051261	.5181938	.0642333	.0290594	71.64060	1.083812
#2	.0879547	-.060055	.5243522	.0711503	.0315407	71.69061	1.083632
#3	.0863016	-.058745	.5278356	.0773349	.0247659	71.09199	1.080862

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0079887	.0045858	41.44155	.1118755	.1082424	.1508890	171.7772
Stddev	.0001245	.0000543	.09873	.0011968	.0009023	.0085492	.5324
%RSD	1.558868	1.184312	.2382366	1.069783	.8336291	5.665879	.3099506
#1	.0080139	.0045680	41.52700	.1104941	.1083149	.1410431	172.0906
#2	.0080988	.0045426	41.46418	.1125991	.1073060	.1551939	172.0785
#3	.0078535	.0046468	41.33347	.1125334	.1091063	.1564300	171.1624

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.312207	22.25242	.1334595	.0051415	-.324875	.1860771	.5301453
Stddev	.035928	.08243	.0015143	.0009846	.810948	.0142022	.0105574
%RSD	.4322358	.3704250	1.134632	19.15083	249.6187	7.632412	1.991426
#1	8.333740	22.33379	.1325430	.0062197	-.406162	.1788553	.5413114
#2	8.332151	22.25450	.1326281	.0042899	-1.09212	.2024389	.5203256
#3	8.270731	22.16897	.1352073	.0049150	.52366	.1769371	.5287990

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.674105	7.920070	-.035147	.0043734	2.163568	7.021687	.0349473
Stddev	.271956	.044168	.002795	.0002699	.015711	.040790	.0006019
%RSD	7.401959	.5576697	7.951071	6.170908	.7261658	.5809114	1.722267
#1	3.735132	7.907707	-.037934	.0041427	2.159351	7.038725	.0354663
#2	3.910362	7.883400	-.035160	.0043074	2.150395	7.051195	.0342875
#3	3.376821	7.969101	-.032345	.0046702	2.180957	6.975140	.0350880

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: P5064-16 Acquired: 12/18/2024 2:15:42 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHLB6 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.6236439	-.035728	.1301598
Stddev	.0085756	.000891	.0030243
%RSD	1.375084	2.494218	2.323569
#1	.6317658	-.035041	.1328800
#2	.6244888	-.035408	.1306963
#3	.6146771	-.036735	.1269031

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2220.903	27074.49	1384.151	1890.916	2440.821
Stddev	8.362	66.87	4.849	4.733	12.359
%RSD	.3765109	.2469790	.3503229	.2503280	.5063456
#1	2220.085	27077.41	1380.916	1893.695	2442.592
#2	2229.644	27139.85	1381.812	1893.603	2452.199
#3	2212.980	27006.21	1389.727	1885.451	2427.672

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: P5064-17 Acquired: 12/18/2024 2:19:33 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHLB7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0606377	-.049220	.1762771	.0561860	.0258087	57.54849	.7220266
Stddev	.0050681	.000999	.0030974	.0089423	.0009936	.09025	.0016111
%RSD	8.357971	2.029606	1.757099	15.91548	3.849915	.1568301	.2231365
#1	.0561112	-.050282	.1728003	.0610774	.0251564	57.58485	.7208674
#2	.0661132	-.048300	.1787418	.0458650	.0269523	57.44573	.7213461
#3	.0596888	-.049077	.1772892	.0616154	.0253174	57.61489	.7238663

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0063585	.0026905	26.12095	.0867485	.0812210	.0714682	142.9425
Stddev	.0000426	.0001799	.14476	.0010093	.0009788	.0142673	.4667
%RSD	.6706703	6.686511	.5541930	1.163428	1.205153	19.96316	.3264967
#1	.0063493	.0024994	26.00397	.0868157	.0813266	.0666913	142.6348
#2	.0064050	.0027156	26.07604	.0877225	.0801937	.0602022	142.7133
#3	.0063212	.0028566	26.28285	.0857073	.0821428	.0875110	143.4795

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.282266	19.88239	.1130800	.0042784	-.175141	.1451179	.3548580
Stddev	.004801	.12297	.0014354	.0006146	.967615	.0032354	.0103215
%RSD	.0764181	.6184699	1.269384	14.36566	552.4773	2.229485	2.908633
#1	6.287157	20.02161	.1136024	.0049766	.930189	.1413843	.3654316
#2	6.277561	19.78860	.1114565	.0038190	-.869096	.1470991	.3448086
#3	6.282080	19.83697	.1141810	.0040396	-.586516	.1468702	.3543336

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.007781	5.575916	-.032871	.0029928	.7248765	7.034524	.0182766
Stddev	.217754	.037232	.001141	.0000138	.0108015	.047317	.0011155
%RSD	7.239688	.6677360	3.470600	.4616792	1.490113	.6726327	6.103517
#1	2.780667	5.557893	-.033399	.0030087	.7278118	7.031664	.0192378
#2	3.027896	5.551125	-.033652	.0029842	.7129107	6.988702	.0170534
#3	3.214779	5.618730	-.031562	.0029855	.7339069	7.083206	.0185385

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: P5064-17 Acquired: 12/18/2024 2:19:33 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHLB7 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.7214869	-.050469	.1171432
Stddev	.0049311	.000655	.0053402
%RSD	.6834687	1.297046	4.558691
#1	.7258757	-.049775	.1210728
#2	.7161509	-.050557	.1192938
#3	.7224342	-.051075	.1110630

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2161.542	26582.23	1342.341	1849.567	2453.457
Stddev	14.288	91.45	4.231	14.113	18.643
%RSD	.6610244	.3440204	.3152161	.7630506	.7598839
#1	2164.459	26642.40	1341.815	1860.808	2456.500
#2	2174.146	26476.99	1346.811	1833.728	2470.392
#3	2146.020	26627.29	1338.398	1854.165	2433.480

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: P5064-18 Acquired: 12/18/2024 2:23:25 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHLB8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0918712	-.048049	.1811181	.0845356	.0324826	63.85570	1.938706
Stddev	.0018054	.005399	.0022542	.0020665	.0013077	.30344	.008928
%RSD	1.965160	11.23700	1.244622	2.444533	4.025719	.4752005	.4605051
#1	.0909058	-.049581	.1790280	.0821530	.0309958	63.56549	1.929143
#2	.0907537	-.052516	.1808196	.0856144	.0329975	63.83078	1.940154
#3	.0939540	-.042049	.1835068	.0858395	.0334543	64.17083	1.946822

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0066523	.0048955	32.09253	.1040098	.1282809	.0937149	191.5670
Stddev	.0000977	.0002021	.17675	.0006376	.0003263	.0119414	.6589
%RSD	1.469027	4.128563	.5507399	.6130255	.2543585	12.74221	.3439332
#1	.0066622	.0049500	31.90238	.1041504	.1280350	.0820290	190.8145
#2	.0067448	.0046717	32.12341	.1045653	.1286511	.0932195	191.8458
#3	.0065501	.0050647	32.25180	.1033136	.1281568	.1058963	192.0405

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.12343	24.82067	.1757623	.0069697	-1.03981	.1757517	.4527220
Stddev	.10009	.24640	.0012370	.0015249	.77671	.0076056	.0183129
%RSD	.5522747	.9927318	.7038062	21.87953	74.69771	4.327471	4.045065
#1	18.01187	24.72381	.1762789	.0054839	-.31175	.1680419	.4445053
#2	18.15304	24.63741	.1743507	.0068942	-1.85741	.1832487	.4399564
#3	18.20537	25.10078	.1766572	.0085309	-.95027	.1759646	.4737041

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.938651	6.022971	-.041808	.0036813	.5403185	8.964321	.0215906
Stddev	.118872	.022392	.002169	.0004453	.0053328	.102267	.0011688
%RSD	3.018077	.3717735	5.188088	12.09592	.9869726	1.140821	5.413451
#1	3.835060	6.010113	-.040661	.0039109	.5407264	8.846304	.0225890
#2	4.068435	6.009974	-.040452	.0039651	.5347935	9.026847	.0218780
#3	3.912460	6.048827	-.044309	.0031681	.5454357	9.019813	.0203049

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: P5064-18 Acquired: 12/18/2024 2:23:25 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHLB8 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.8224107	-.078152	.1348190
Stddev	.0047129	.000369	.0082832
%RSD	.5730617	.4716477	6.143943
#1	.8169694	-.077860	.1373856
#2	.8250552	-.078030	.1415151
#3	.8252074	-.078566	.1255563

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2228.911	27349.89	1406.148	1910.982	2457.095
Stddev	1.231	67.36	7.932	5.912	2.560
%RSD	.0552414	.2462910	.5641180	.3093804	.1041889
#1	2229.025	27272.52	1414.869	1906.437	2456.322
#2	2227.627	27395.49	1399.363	1908.843	2459.952
#3	2230.082	27381.66	1404.212	1917.666	2455.010

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: CCV055 Acquired: 12/18/2024 2:27:16 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: CCV055 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.189011	5.113631	24.95689	5.248612	5.223930	398.0879	10.43835
Stddev	.024591	.023654	.10705	.036471	.038049	.4917	.01417
%RSD	.4739118	.4625719	.4289408	.6948652	.7283616	.1235252	.1357519
#1	5.171836	5.087212	24.85311	5.207130	5.184115	398.4312	10.45380
#2	5.178015	5.120838	24.95062	5.263067	5.227750	397.5245	10.42595
#3	5.217182	5.132844	25.06693	5.275640	5.259925	398.3078	10.43531

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5231314	2.534166	415.2176	15.86356	2.531654	15.37228	407.2795
Stddev	.0035888	.010725	.6967	.01791	.010365	.04710	.7037
%RSD	.6860267	.4232235	.1677891	.1129152	.4094036	.3064030	.1727820
#1	.5193593	2.523760	415.4898	15.85119	2.521562	15.35391	407.1451
#2	.5235313	2.533553	414.4260	15.88410	2.531129	15.42580	408.0406
#3	.5265034	2.545184	415.7372	15.85539	2.542271	15.33713	406.6526

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.73622	408.9405	2.528916	1.310200	395.1019	2.550774	14.97179
Stddev	.04206	.5338	.008186	.003607	.7228	.019433	.12098
%RSD	.2672643	.1305253	.3236893	.2753240	.1829398	.7618306	.8080303
#1	15.75597	408.3833	2.520655	1.313626	395.7939	2.562737	15.04657
#2	15.76477	409.4473	2.529068	1.306436	394.3518	2.561232	15.03657
#3	15.68792	408.9908	2.537025	1.310538	395.1600	2.528352	14.83221

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	157.9884	5.036876	4.956105	4.836118	4.984241	5.107207	5.086487
Stddev	.2665	.019826	.051117	.035074	.027230	.052271	.024584
%RSD	.1687077	.3936222	1.031385	.7252447	.5463179	1.023474	.4833201
#1	157.8336	5.013987	4.904410	4.800500	4.955327	5.050243	5.063799
#2	158.2962	5.048723	4.957284	4.837234	4.988000	5.118410	5.083054
#3	157.8354	5.047917	5.006623	4.870621	5.009395	5.152968	5.112607

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: CCV055 Acquired: 12/18/2024 2:27:16 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: CCV055 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	5.160746	4.873079	5.195355
Stddev	.010437	.009033	.008091
%RSD	.2022305	.1853655	.1557404
#1	5.171757	4.874076	5.187369
#2	5.150998	4.881572	5.195148
#3	5.159484	4.863589	5.203548

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1510.384	20403.81	1106.073	1340.396	1972.308
Stddev	6.256	164.31	2.530	7.006	3.395
%RSD	.4141823	.8052715	.2287007	.5226786	.1721536
#1	1517.605	20216.02	1105.160	1332.573	1975.708
#2	1506.613	20474.29	1108.932	1342.524	1968.917
#3	1506.933	20521.12	1104.126	1346.092	1972.299

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: CCB055 Acquired: 12/18/2024 2:30:53 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: CCB055 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0036276	.0045489	-.000150	-.000434	-.001196	.0367063
Stddev	.0028567	.0012703	.001100	.003401	.001299	.0308425
%RSD	78.74837	27.92489	731.3966	784.0227	108.6363	84.02509
#1	.0026792	.0034141	-.001320	.002281	-.002075	.0721981
#2	.0013657	.0043114	.000863	-.004249	.000296	.0215122
#3	.0068379	.0059212	.000006	.000667	-.001809	.0164087

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0024947	-.000025	-.000018	-.002455	.0012347	.0001553
Stddev	.0013290	.000040	.000064	.038056	.0009673	.0004600
%RSD	53.27050	159.1771	362.0338	1550.041	78.34577	296.1823
#1	.0014789	.000013	.000030	.005798	.0018380	.0000594
#2	.0020066	-.000068	-.000091	.030797	.0001190	.0006557
#3	.0039987	-.000021	.000007	-.043960	.0017472	-.000249

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0058887	-.007309	-.001727	.1150466	.0005709	.0007891
Stddev	.0190759	.019606	.001816	.0796539	.0001434	.0003079
%RSD	323.9405	268.2359	105.1428	69.23621	25.11676	39.01999
#1	-.009804	.015219	-.001606	.0268869	.0004542	.0010750
#2	.027121	-.020515	.000025	.1364187	.0005275	.0004631
#3	.000348	-.016632	-.003601	.1818343	.0007310	.0008291

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.817261	.0085866	.0158958	.3467854	-.000549	.0134285
Stddev	.356803	.0193842	.0063798	.1799740	.000085	.0027533
%RSD	43.65836	225.7487	40.13518	51.89782	15.55491	20.50330
#1	-1.12951	.0131435	.0106677	.4253772	-.000459	.0157830
#2	-.42836	.0252864	.0230045	.1408817	-.000561	.0141012
#3	-.89391	-.012670	.0140152	.4740972	-.000628	.0104011

Reviewed By:Jaswal
On:1/6/2025 8:51:01 AM
Inst Id :P5

Sample Name: CCB055 Acquired: 12/18/2024 2:30:53 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v27) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: CCB055 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000389	.0025525	.0010179	.0003892	-.004679	.0002128
Stddev	.000314	.0021415	.0014666	.0007826	.005772	.0001393
%RSD	80.80596	83.89811	144.0926	201.1043	123.3652	65.47063
#1	-.000257	.0036376	-.000623	.0000078	-.010743	.0002552
#2	-.000748	.0000857	.001474	-.000130	-.004040	.0003259
#3	-.000163	.0039344	.002202	.001289	.000747	.0000572

Elem	Li6707
Units	ppm
Avg	F .0290581
Stddev	.0061500
%RSD	21.16446
#1	.0253595
#2	.0361574
#3	.0256574

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1861.567	22822.06	1136.488	1591.956	2474.319
Stddev	2.804	55.57	19.414	10.232	1.184
%RSD	.1506522	.2434777	1.708281	.6427588	.0478636
#1	1858.334	22813.00	1117.599	1599.915	2473.210
#2	1863.032	22771.58	1156.388	1580.414	2474.180
#3	1863.336	22881.59	1135.475	1595.538	2475.567