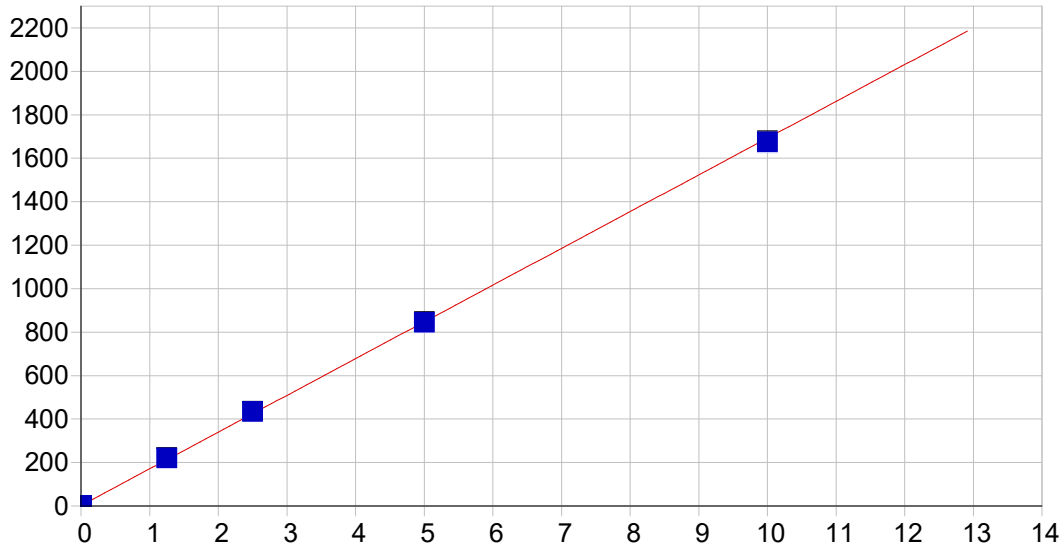
Reviewed By:mohan
On:1/12/2025 8:52:46 PM
Inst Id :P5



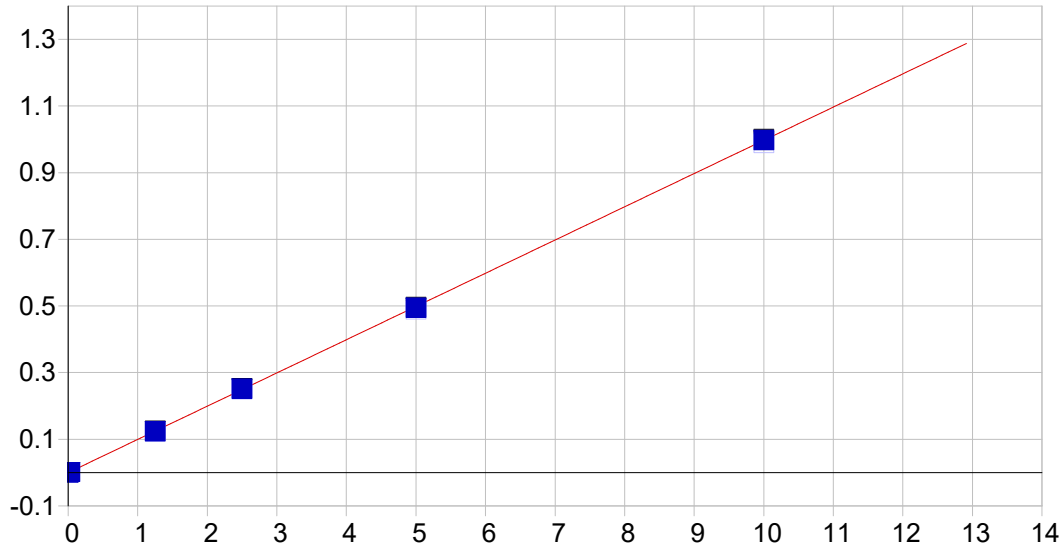
As 189.042 {478}

Date of Fit:	01/09/2025 15:47:48	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	1.601487	Re-Slope:	1.000000
A1 (Gain):	169.100537	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999868	Status:	OK.
Std Error of Est:	0.045813		
Predicted MDL:	0.006390		
Predicted MQL:	0.021299		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	1.6009	.351	1
S1	.01000	.01300	.003	30.0	3.7973	.422	1
S2	1.2500	1.2968	.047	3.74	220.06	.992	1
S3	2.5000	2.5564	.056	2.25	432.24	1.76	1
S4	5.0000	4.9921	-.008	-.157	842.48	2.60	1
S5	10.000	9.9017	-.098	-.983	1669.4	4.75	1

Reviewed By:mohan
On:1/12/2025 8:52:46 PM
Inst Id :P5



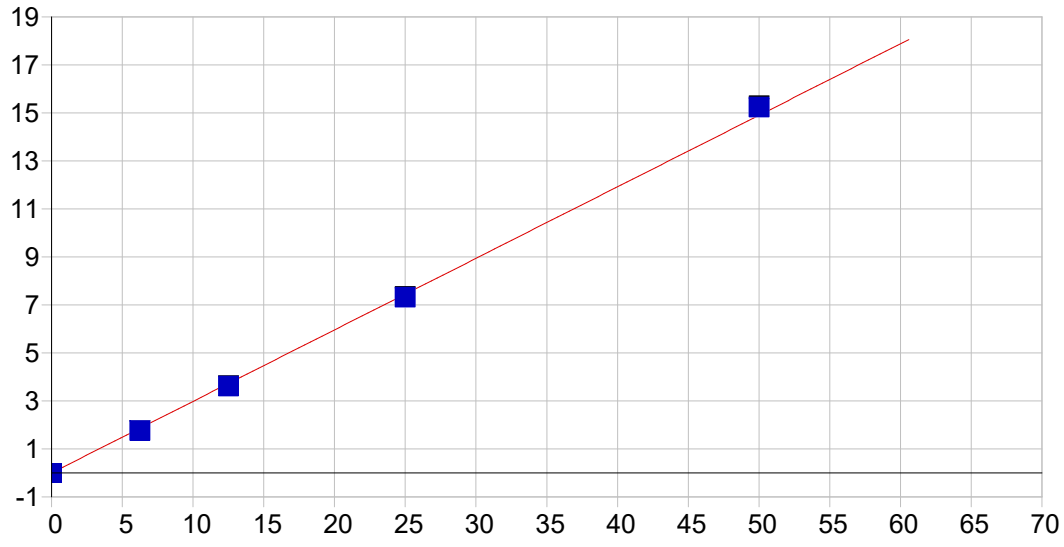
Tl 190.856 {477}

Date of Fit:	01/09/2025 15:47:48	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000480	Re-Slope:	1.000000
A1 (Gain):	0.099736	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999981	Status:	OK.
Std Error of Est:	0.000016		
Predicted MDL:	0.003148		
Predicted MQL:	0.010495		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00048	.000	1
S1	.02500	.02451	-.000	-1.95	.00188	.000	1
S2	1.2500	1.2491	-.001	-.073	.12303	.001	1
S3	2.5000	2.5304	.030	1.22	.24975	.001	1
S4	5.0000	4.9598	-.040	-.803	.48991	.002	1
S5	10.000	10.011	.011	.111	.98943	.003	1

Reviewed By:mohan
On:1/12/2025 8:52:46 PM
Inst Id :P5



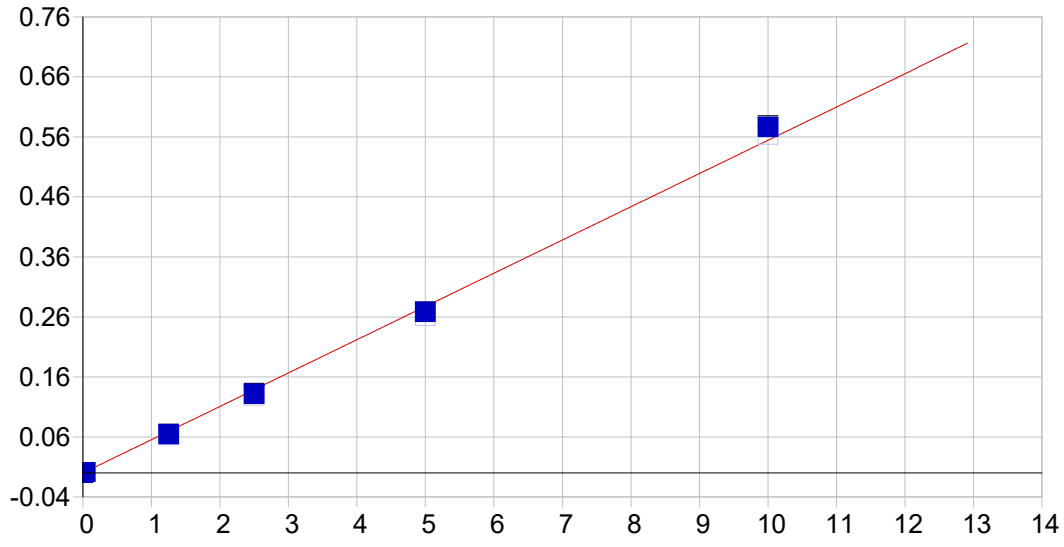
Pb 220.353 {453}

Date of Fit:	01/09/2025 15:47:48	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000208	Re-Slope:	1.000000
A1 (Gain):	0.298006	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999654	Status:	OK.
Std Error of Est:	0.000293		
Predicted MDL:	0.002817		
Predicted MQL:	0.009391		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00021	.001	1
S1	.01000	.00576	-.004	-42.4	.00191	.001	1
S2	6.2500	5.9030	-.347	-5.55	1.7569	.005	1
S3	12.500	12.144	-.356	-2.85	3.6143	.008	1
S4	25.000	24.567	-.433	-1.73	7.3115	.024	1
S5	50.000	51.140	1.14	2.28	15.221	.052	1

Reviewed By:mohan
On:1/12/2025 8:52:46 PM
Inst Id :P5



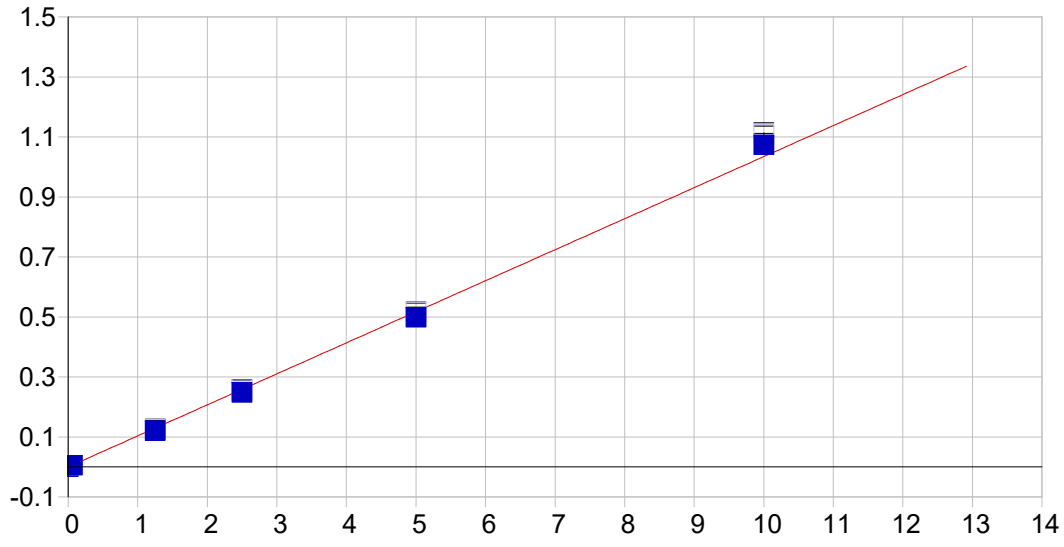
Se 196.090 {472}

Date of Fit:	01/09/2025 15:47:48	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000116	Re-Slope:	1.000000
A1 (Gain):	0.055441	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.998950	Status:	OK.
Std Error of Est:	0.000078		
Predicted MDL:	0.007563		
Predicted MQL:	0.025209		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00002	.000	.000	.00012	.000	1
S1	.03500	.02321	-.012	-33.7	.00140	.000	1
S2	1.2500	1.1583	-.092	-7.34	.06277	.000	1
S3	2.5000	2.3775	-.122	-4.90	.12881	.001	1
S4	5.0000	4.8329	-.167	-3.34	.26182	.000	1
S5	10.000	10.393	.393	3.93	.56386	.002	1

Reviewed By:mohan
On:1/12/2025 8:52:46 PM
Inst Id :P5



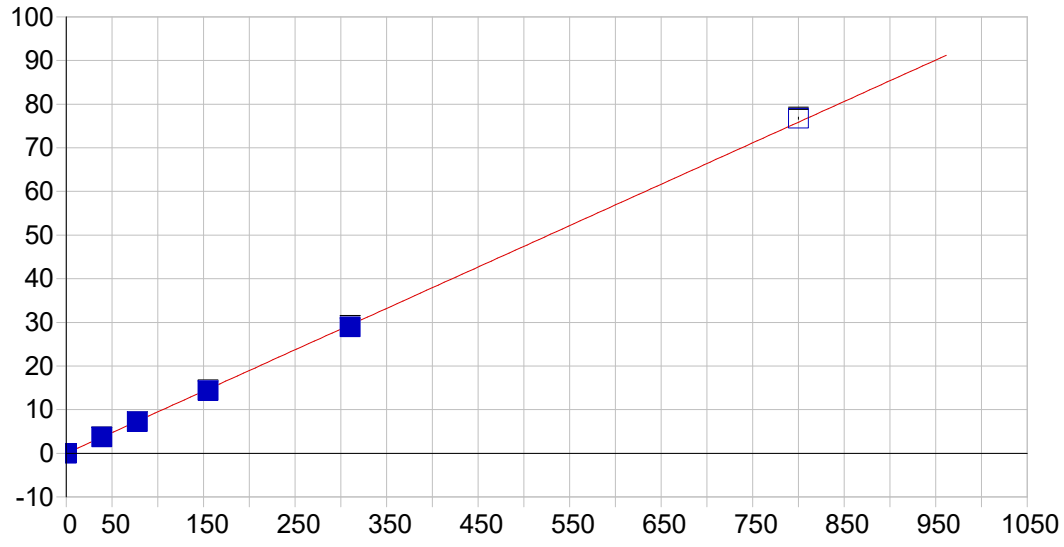
Sb 206.833 {463}

Date of Fit:	01/09/2025 15:47:48	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000078	Re-Slope:	1.000000
A1 (Gain):	0.103436	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999213	Status:	OK.
Std Error of Est:	0.000175		
Predicted MDL:	0.005395		
Predicted MQL:	0.017983		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	-.00008	.000	1
S1	.06000	.05460	-.005	-9.00	.00557	.001	1
S2	1.2500	1.1677	-.082	-6.58	.12503	.001	1
S3	2.5000	2.3928	-.107	-4.29	.25606	.001	1
S4	5.0000	4.8157	-.184	-3.69	.51533	.002	1
S5	10.000	10.379	.379	3.79	1.1081	.005	1

Reviewed By:mohan
On:1/12/2025 8:52:46 PM
Inst Id :P5



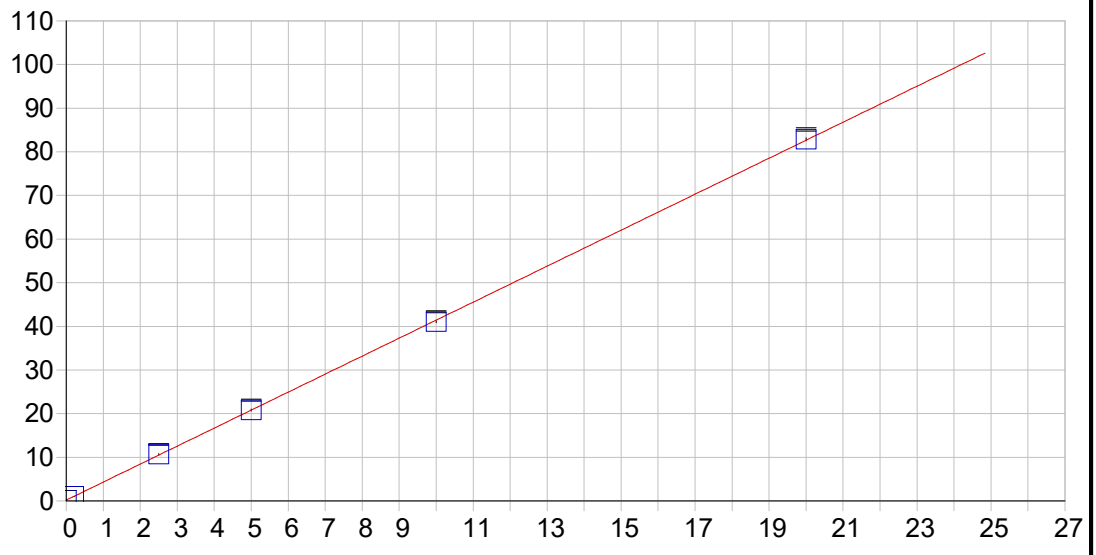
Al 396.152 { 85}

Date of Fit:	01/09/2025 15:52:00	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000101	Re-Slope:	1.000000
A1 (Gain):	0.094849	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999894	Status:	OK.
Std Error of Est:	0.000857		
Predicted MDL:	0.052972		
Predicted MQL:	0.176572		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	.00010	.003	1
S1	.20000	.22479	.025	12.4	.02145	.003	1
S2	38.750	38.850	.100	.258	3.6890	.038	1
S3	77.500	76.343	-1.16	-1.49	7.2491	.020	1
S4	155.00	151.61	-3.39	-2.19	14.396	.097	1
S5	310.00	304.91	-5.09	-1.64	28.952	.325	1
S6	800.00	809.53	9.53	1.19	76.783	.258	1

Reviewed By:mohan
On:1/12/2025 8:52:46 PM
Inst Id :P5



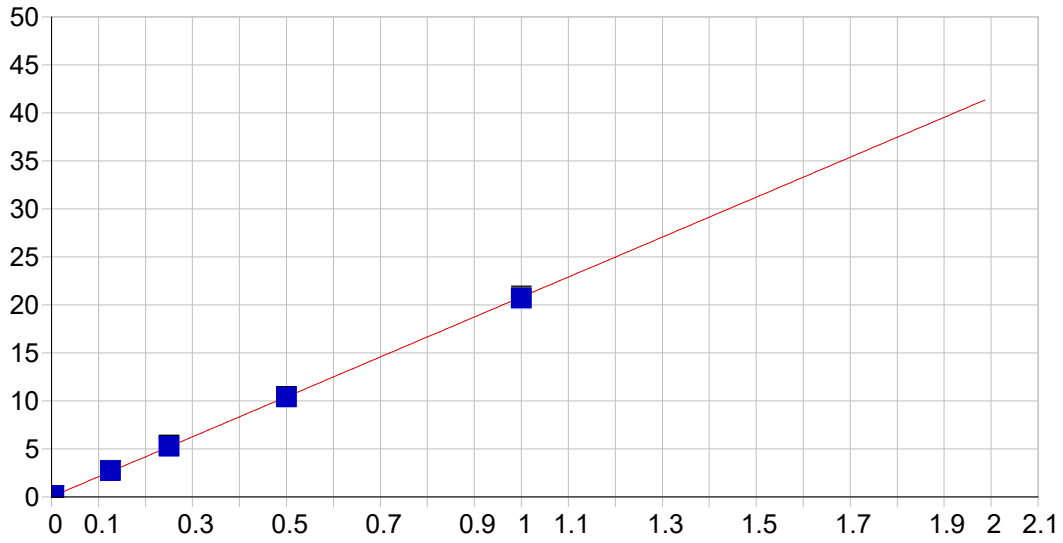
Ba 493.409 { 68}

Date of Fit:	01/09/2025 15:47:48	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.187426	Re-Slope:	1.000000
A1 (Gain):	4.123733	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999977	Status:	OK.
Std Error of Est:	0.002966		
Predicted MDL:	0.002978		
Predicted MQL:	0.009926		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.18742	.016	1
S1	.20000	.19888	-.001	-.562	1.0075	.010	1
S2	2.5000	2.5428	.043	1.71	10.673	.153	1
S3	5.0000	4.9978	-.002	-.043	20.797	.217	1
S4	10.000	9.9080	-.092	-.920	41.045	.217	1
S5	20.000	20.053	.053	.263	82.879	.383	1

Reviewed By:mohan
On:1/12/2025 8:52:46 PM
Inst Id :P5



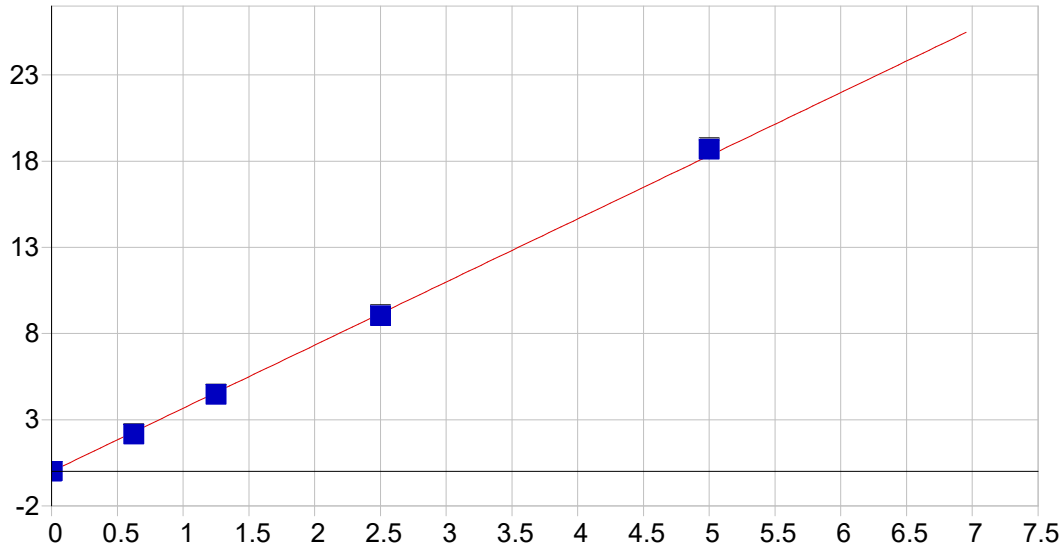
Be 234.861 {144}

Date of Fit:	01/09/2025 15:47:48	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.022686	Re-Slope:	1.000000
A1 (Gain):	20.798972	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999928	Status:	OK.
Std Error of Est:	0.000934		
Predicted MDL:	0.000182		
Predicted MQL:	0.000605		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.02269	.006	1
S1	.00500	.00475	-.000	-5.07	.12131	.004	1
S2	.12500	.12992	.005	3.94	2.7130	.026	1
S3	.25000	.25235	.002	.938	5.2474	.112	1
S4	.50000	.49927	-.001	-.146	10.359	.053	1
S5	1.0000	.99372	-.006	-.628	20.596	.243	1

Reviewed By:mohan
On:1/12/2025 8:52:46 PM
Inst Id :P5



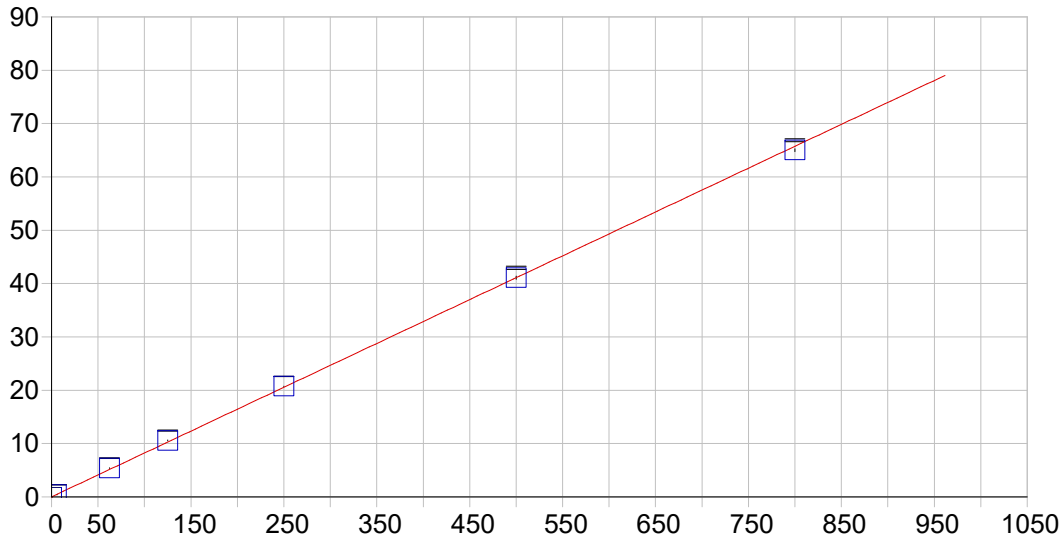
Cd 214.438 {457}

Date of Fit:	01/09/2025 15:47:48	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000213	Re-Slope:	1.000000
A1 (Gain):	3.663316	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999711	Status:	OK.
Std Error of Est:	0.000740		
Predicted MDL:	0.000118		
Predicted MQL:	0.000395		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00022	.000	1
S1	.00500	.00421	-.001	-15.8	.01570	.000	1
S2	.62500	.58937	-.036	-5.70	2.1628	.007	1
S3	1.2500	1.2199	-.030	-2.41	4.4762	.011	1
S4	2.5000	2.4647	-.035	-1.41	9.0434	.032	1
S5	5.0000	5.1018	.102	2.04	18.718	.056	1

Reviewed By:mohan
On:1/12/2025 8:52:46 PM
Inst Id :P5



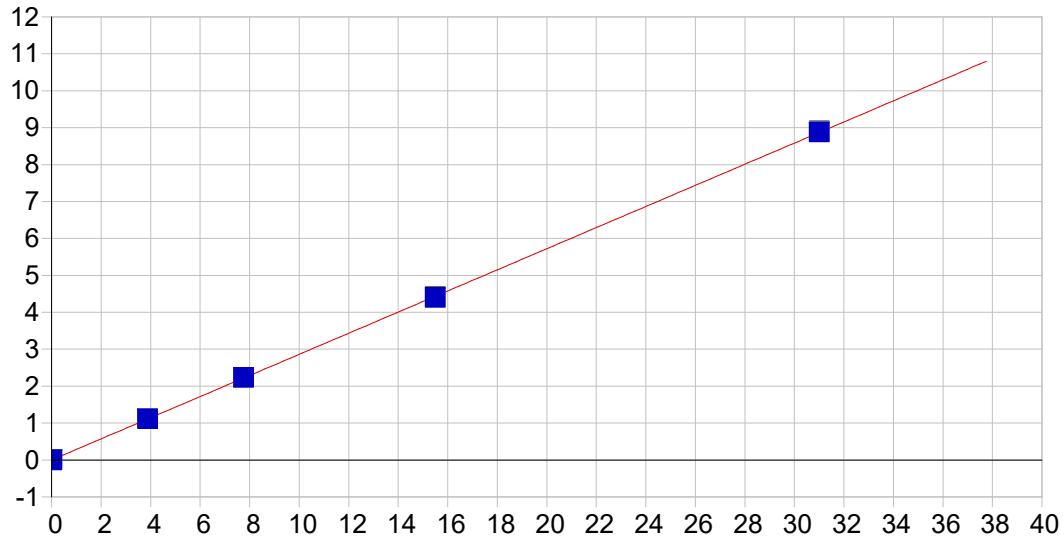
Ca 373.690 { 90}

Date of Fit:	01/09/2025 15:52:00	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.014095	Re-Slope:	1.000000
A1 (Gain):	0.082168	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999896	Status:	OK.
Std Error of Est:	0.004131		
Predicted MDL:	0.051127		
Predicted MQL:	0.170422		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00056	-.001	.000	.01405	.003	1
S1	5.0000	5.1939	.194	3.88	.44086	.002	1
S2	62.500	65.425	2.93	4.68	5.3899	.063	1
S3	125.00	128.55	3.55	2.84	10.577	.090	1
S4	250.00	252.30	2.30	.918	20.745	.038	1
S5	500.00	499.75	-.248	-.050	41.078	.298	1
S6	800.00	791.28	-8.72	-1.09	65.032	.278	1

Reviewed By:mohan
On:1/12/2025 8:52:46 PM
Inst Id :P5



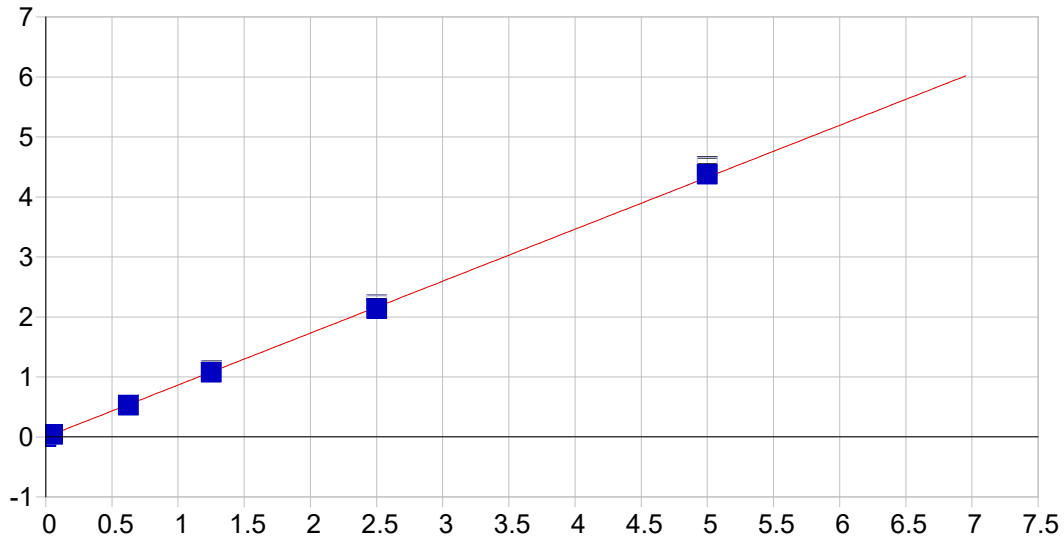
Cr 267.716 {126}

Date of Fit:	01/09/2025 15:47:48	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000004	Re-Slope:	1.000000
A1 (Gain):	0.286064	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999983	Status:	OK.
Std Error of Est:	0.000049		
Predicted MDL:	0.001151		
Predicted MQL:	0.003835		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00000	.000	1
S1	.01000	.00878	-.001	-12.2	.00252	.000	1
S2	3.8750	3.9088	.034	.873	1.1190	.004	1
S3	7.7500	7.8088	.059	.758	2.2355	.001	1
S4	15.500	15.372	-.128	-.825	4.4009	.012	1
S5	31.000	31.036	.036	.118	8.8853	.024	1

Reviewed By:mohan
On:1/12/2025 8:52:46 PM
Inst Id :P5



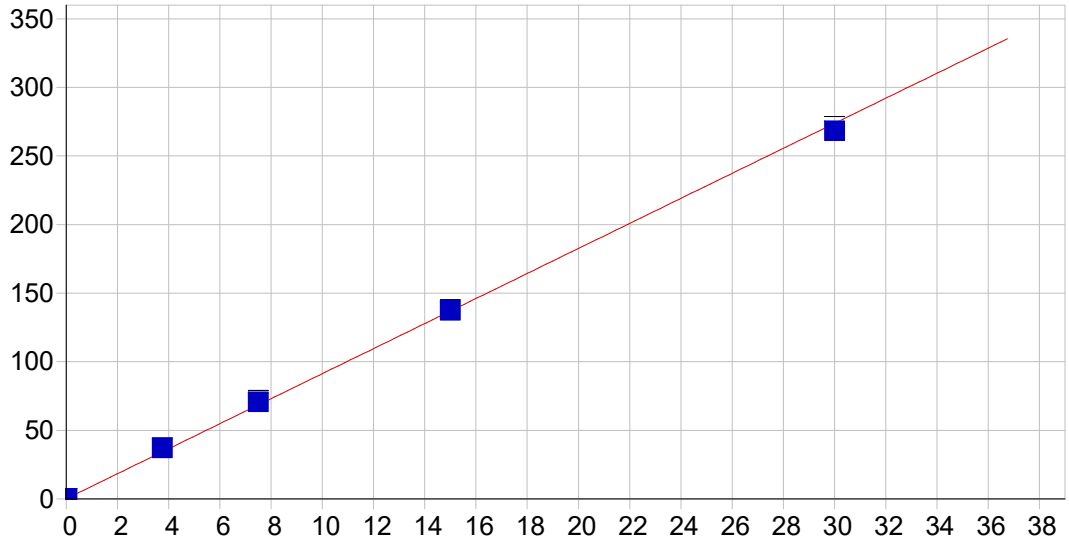
Co 228.616 {448}

Date of Fit:	01/09/2025 15:47:48	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.001141	Re-Slope:	1.000000
A1 (Gain):	0.865670	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999924	Status:	OK.
Std Error of Est:	0.000291		
Predicted MDL:	0.000538		
Predicted MQL:	0.001793		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00114	.000	1
S1	.05000	.04735	-.003	-5.30	.04002	.000	1
S2	.62500	.61065	-.014	-2.30	.54221	.001	1
S3	1.2500	1.2423	-.008	-.617	1.1037	.002	1
S4	2.5000	2.4693	-.031	-1.23	2.1954	.007	1
S5	5.0000	5.0553	.055	1.11	4.4930	.011	1

Reviewed By:mohan
On:1/12/2025 8:52:46 PM
Inst Id :P5



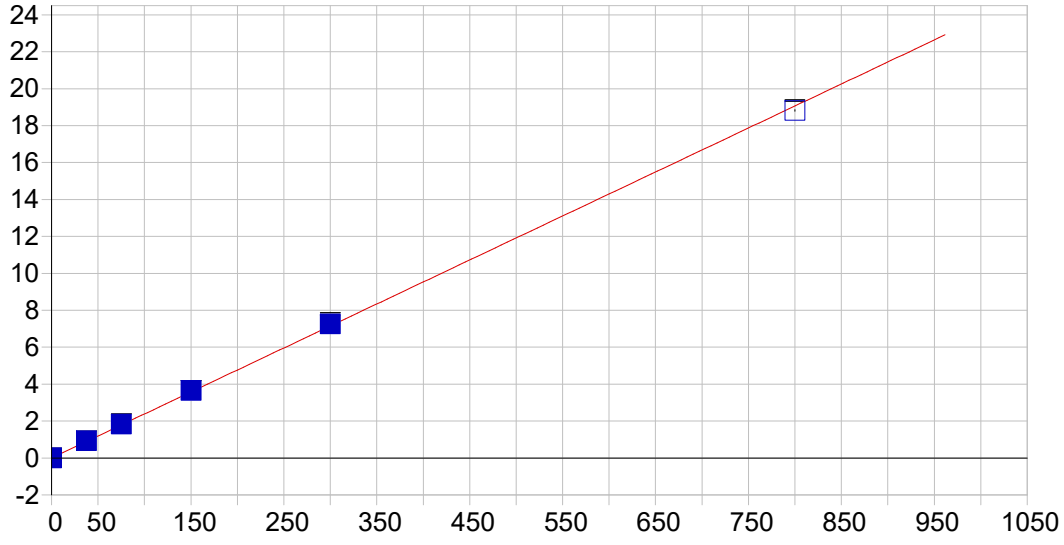
Cu 324.754 {104}

Date of Fit:	01/09/2025 15:47:48	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.093578	Re-Slope:	1.000000
A1 (Gain):	9.125342	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999592	Status:	OK.
Std Error of Est:	0.011976		
Predicted MDL:	0.000899		
Predicted MQL:	0.002998		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.09352	.013	1
S1	.02500	.02854	.004	14.2	.35369	.018	1
S2	3.7500	4.0582	.308	8.22	37.123	.284	1
S3	7.5000	7.7454	.245	3.27	70.765	1.01	1
S4	15.000	15.043	.043	.284	137.35	.619	1
S5	30.000	29.400	-.600	-2.00	268.35	3.26	1

Reviewed By:mohan
On:1/12/2025 8:52:46 PM
Inst Id :P5



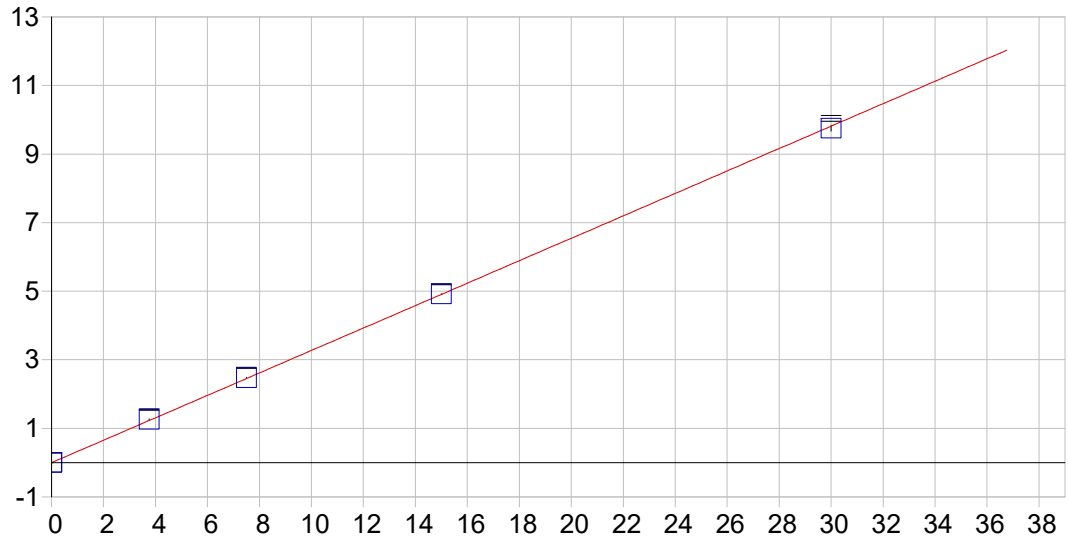
Fe 259.837 {130}

Date of Fit:	01/09/2025 15:52:00	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000686	Re-Slope:	1.000000
A1 (Gain):	0.023830	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999878	Status:	OK.
Std Error of Est:	0.000163		
Predicted MDL:	0.053955		
Predicted MQL:	0.179850		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00069	.001	1
S1	.10000	.08504	-.015	-15.0	.00271	.002	1
S2	37.500	38.739	1.24	3.31	.92404	.012	1
S3	75.000	76.874	1.87	2.50	1.8330	.008	1
S4	150.00	152.99	2.99	1.99	3.6472	.003	1
S5	300.00	304.07	4.07	1.36	7.2483	.076	1
S6	800.00	789.84	-10.2	-1.27	18.823	.048	1

Reviewed By:mohan
On:1/12/2025 8:52:46 PM
Inst Id :P5



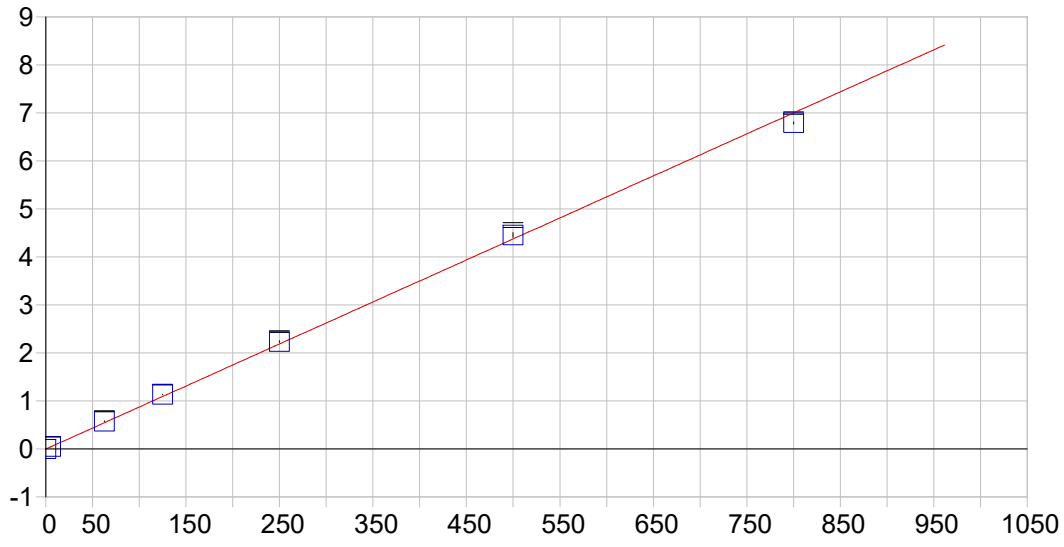
Mn 257.610 {131}

Date of Fit:	01/09/2025 15:47:48	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.001680	Re-Slope:	1.000000
A1 (Gain):	0.327219	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999961	Status:	OK.
Std Error of Est:	0.000102		
Predicted MDL:	0.003714		
Predicted MQL:	0.012379		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00168	.002	1
S1	.01500	.01632	.001	8.83	.00366	.001	1
S2	3.7500	3.8465	.097	2.57	1.2570	.021	1
S3	7.5000	7.5652	.065	.869	2.4738	.015	1
S4	15.000	15.022	.022	.149	4.9139	.016	1
S5	30.000	29.815	-.185	-.618	9.7542	.085	1

Reviewed By:mohan
On:1/12/2025 8:52:46 PM
Inst Id :P5



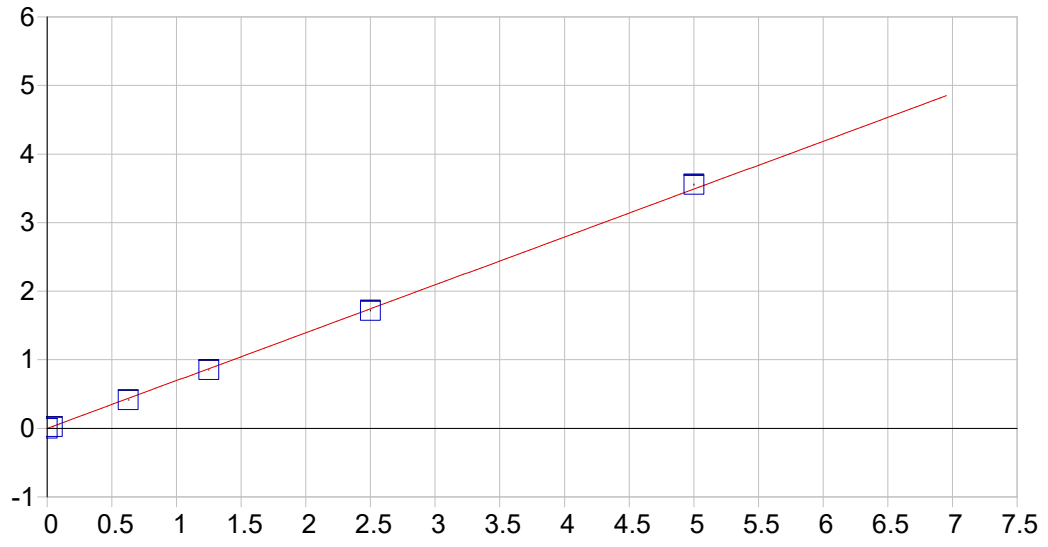
Mg 279.079 {121}

Date of Fit:	01/09/2025 15:52:00	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.002794	Re-Slope:	1.000000
A1 (Gain):	0.008755	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999570	Status:	OK.
Std Error of Est:	0.000897		
Predicted MDL:	0.171566		
Predicted MQL:	0.571888		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00112	-.001	.000	-.00280	.001	1
S1	5.0000	5.5756	.576	11.5	.04602	.001	1
S2	62.500	66.176	3.68	5.88	.57656	.011	1
S3	125.00	129.95	4.95	3.96	1.1349	.008	1
S4	250.00	255.74	5.74	2.30	2.2362	.014	1
S5	500.00	509.11	9.11	1.82	4.4544	.050	1
S6	800.00	775.94	-24.1	-3.01	6.7904	.024	1

Reviewed By:mohan
On:1/12/2025 8:52:46 PM
Inst Id :P5



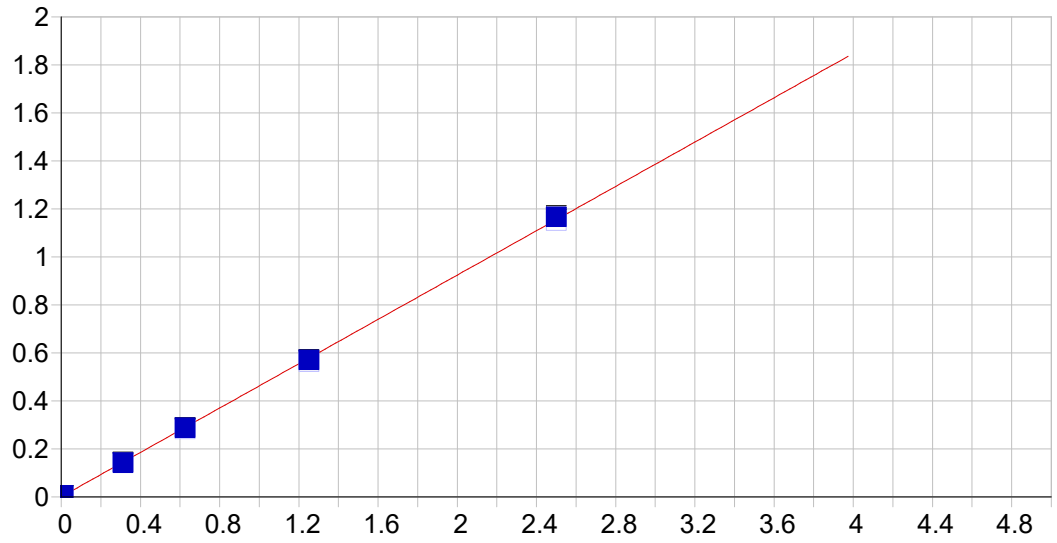
Ni 231.604 {446}

Date of Fit:	01/09/2025 15:47:48	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.001474	Re-Slope:	1.000000
A1 (Gain):	0.697881	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999738	Status:	OK.
Std Error of Est:	0.000379		
Predicted MDL:	0.000893		
Predicted MQL:	0.002976		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	-.00147	.000	1
S1	.04000	.03573	-.004	-10.7	.02346	.000	1
S2	.62500	.59359	-.031	-5.03	.41278	.001	1
S3	1.2500	1.2247	-.025	-2.03	.85319	.003	1
S4	2.5000	2.4643	-.036	-1.43	1.7183	.006	1
S5	5.0000	5.0967	.097	1.93	3.5554	.008	1

Reviewed By:mohan
On:1/12/2025 8:52:46 PM
Inst Id :P5



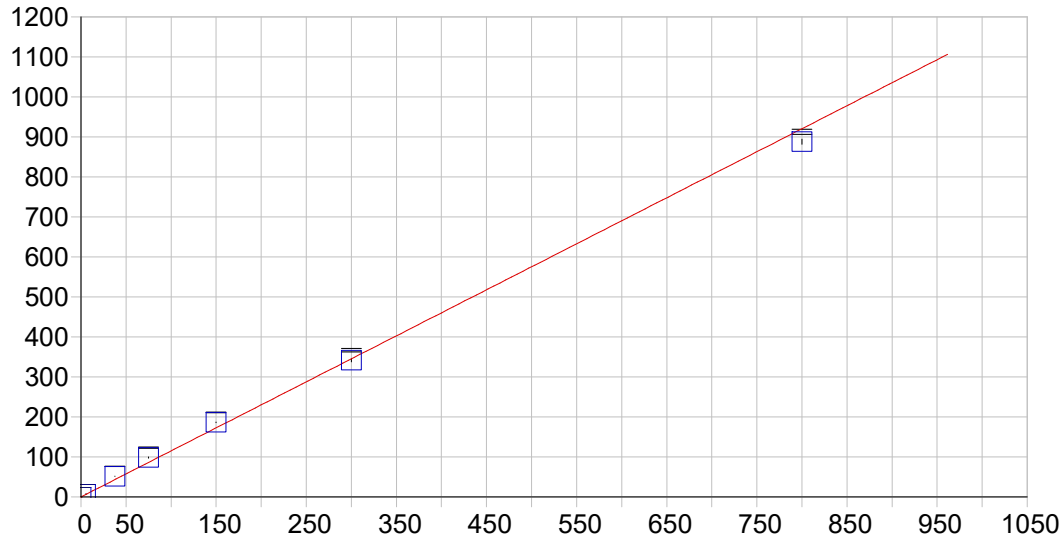
Ag 328.068 {103}

Date of Fit:	01/09/2025 15:47:48	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000921	Re-Slope:	1.000000
A1 (Gain):	0.461754	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999931	Status:	OK.
Std Error of Est:	0.000045		
Predicted MDL:	0.001398		
Predicted MQL:	0.004660		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00092	.000	1
S1	.01000	.00919	-.001	-8.09	.00516	.000	1
S2	.31250	.30839	-.004	-1.32	.14124	.002	1
S3	.62500	.62050	-.004	-.720	.28328	.001	1
S4	1.2500	1.2337	-.016	-1.30	.56228	.002	1
S5	2.5000	2.5257	.026	1.03	1.1506	.005	1

Reviewed By:mohan
On:1/12/2025 8:52:46 PM
Inst Id :P5



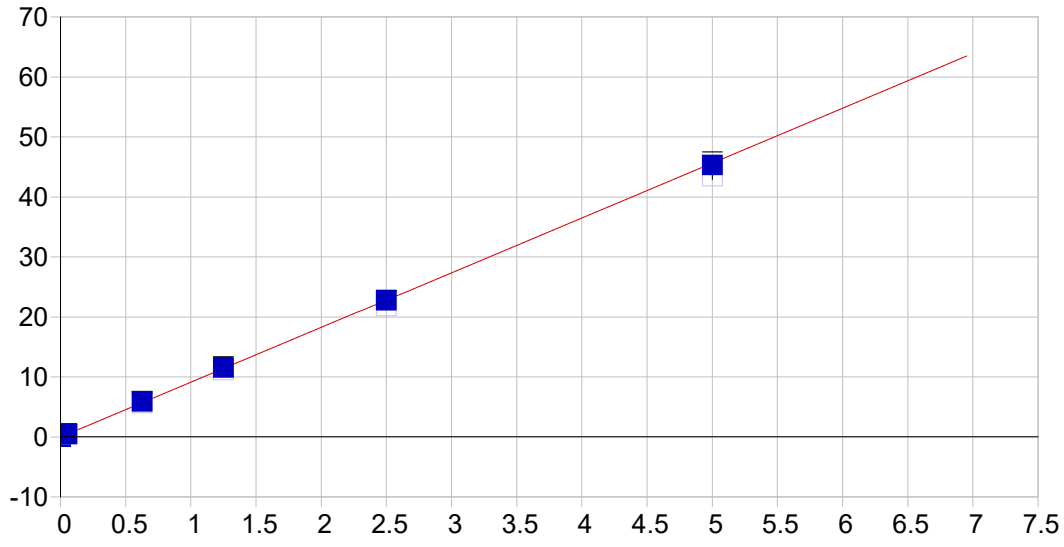
Na 818.326 { 41}

Date of Fit:	01/09/2025 15:52:00	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.062961	Re-Slope:	1.000000
A1 (Gain):	1.150446	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.998150	Status:	OK.
Std Error of Est:	0.216636		
Predicted MDL:	0.022000		
Predicted MQL:	0.073335		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00300	-.003	.000	.05951	.017	1
S1	5.0000	6.1676	1.17	23.4	7.1585	.141	1
S2	37.500	44.618	7.12	19.0	51.393	.433	1
S3	75.000	85.568	10.6	14.1	98.504	1.39	1
S4	150.00	161.95	12.0	7.97	186.38	.523	1
S5	300.00	297.17	-2.83	-.942	341.95	4.10	1
S6	800.00	772.02	-28.0	-3.50	888.23	6.54	1

Reviewed By:mohan
On:1/12/2025 8:52:46 PM
Inst Id :P5



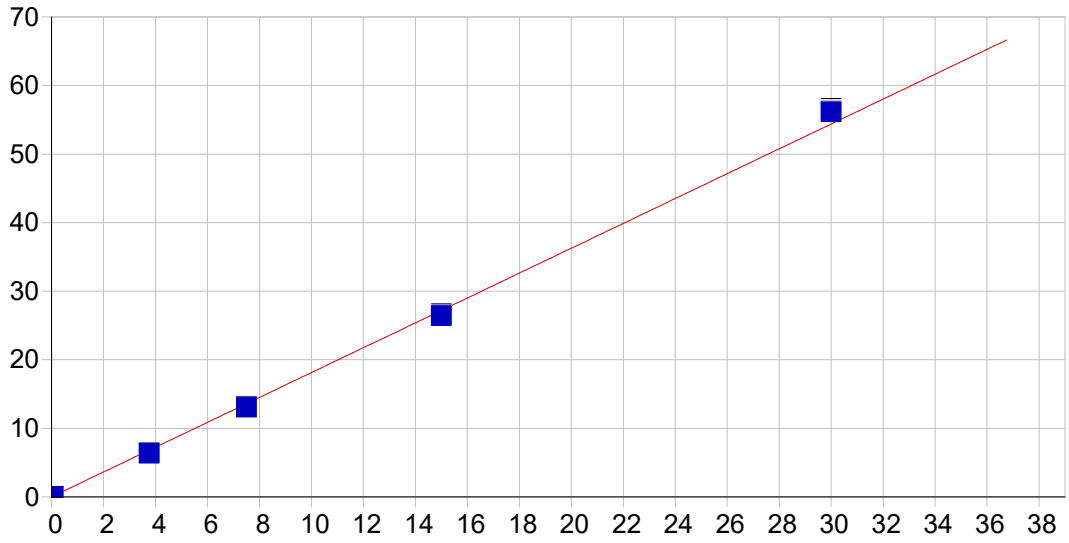
V 292.402 {115}

Date of Fit:	01/09/2025 15:47:48	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.032569	Re-Slope:	1.000000
A1 (Gain):	9.133842	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999884	Status:	OK.
Std Error of Est:	0.003546		
Predicted MDL:	0.000829		
Predicted MQL:	0.002762		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.03264	.009	1
S1	.05000	.05552	.006	11.0	.47330	.008	1
S2	.62500	.64732	.022	3.57	5.6512	.040	1
S3	1.2500	1.2688	.019	1.50	11.099	.171	1
S4	2.5000	2.4914	-.009	-.344	21.808	.070	1
S5	5.0000	4.9618	-.038	-.765	43.457	.567	1

Reviewed By:mohan
On:1/12/2025 8:52:46 PM
Inst Id :P5



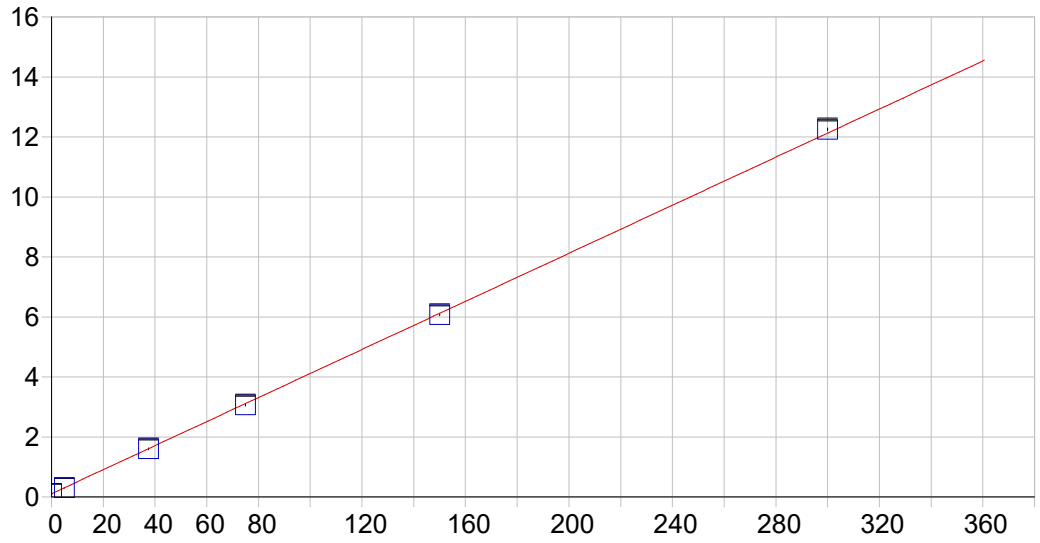
Zn 213.856 {158}

Date of Fit:	01/09/2025 15:47:48	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.002260	Re-Slope:	1.000000
A1 (Gain):	1.812826	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999385	Status:	OK.
Std Error of Est:	0.004549		
Predicted MDL:	0.000877		
Predicted MQL:	0.002923		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00228	.000	1
S1	.06000	.05723	-.003	-4.61	.10635	.002	1
S2	3.7500	3.5075	-.243	-6.47	6.3939	.013	1
S3	7.5000	7.2045	-.296	-3.94	13.129	.069	1
S4	15.000	14.580	-.420	-2.80	26.566	.129	1
S5	30.000	30.961	.961	3.20	56.396	.255	1

Reviewed By:mohan
On:1/12/2025 8:52:46 PM
Inst Id :P5



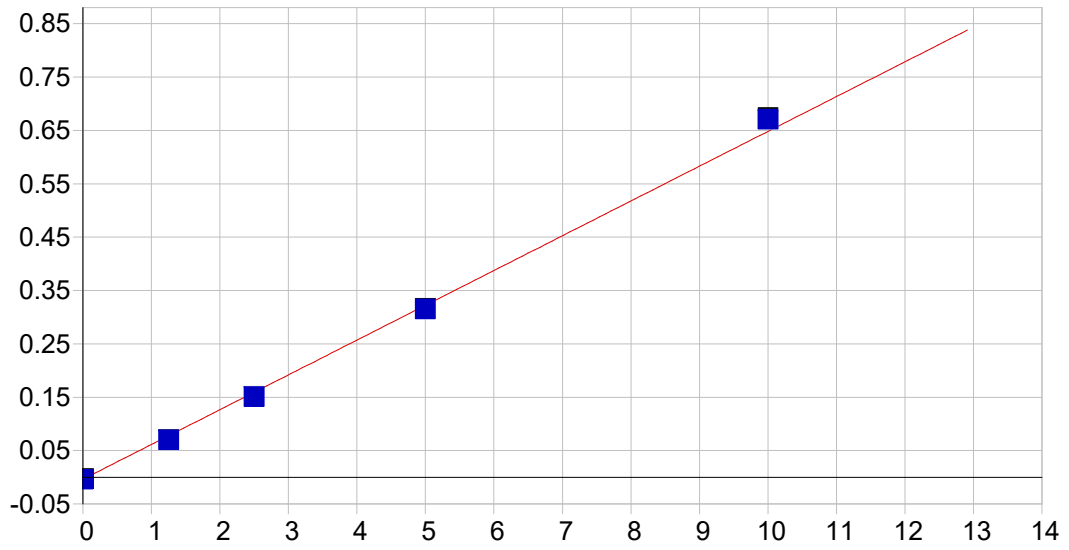
K 769.896 { 44}

Date of Fit:	01/09/2025 15:47:48	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.107172	Re-Slope:	1.000000
A1 (Gain):	0.040069	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999935	Status:	OK.
Std Error of Est:	0.000945		
Predicted MDL:	0.240187		
Predicted MQL:	0.800622		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00035	.000	.000	.10719	.010	1
S1	5.0000	4.7618	-.238	-4.76	.29797	.014	1
S2	37.500	37.257	-.243	-.647	1.6000	.030	1
S3	75.000	73.786	-1.21	-1.62	3.0637	.029	1
S4	150.00	148.69	-1.31	-.876	6.0648	.032	1
S5	300.00	303.01	3.01	1.00	12.248	.046	1

Reviewed By:mohan
On:1/12/2025 8:52:46 PM
Inst Id :P5



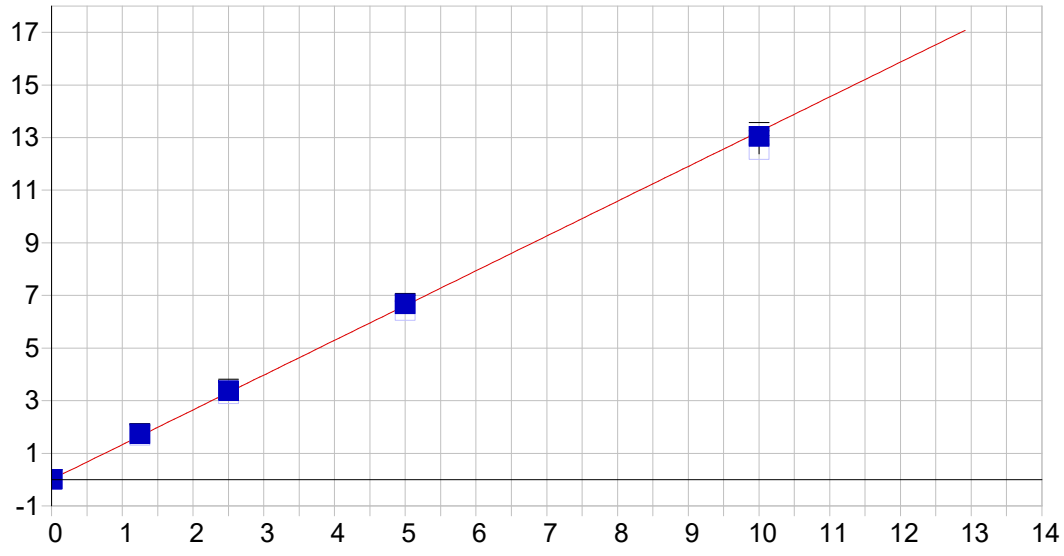
P 177.495 {490}

Date of Fit:	01/09/2025 15:47:48	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.003792	Re-Slope:	1.000000
A1 (Gain):	0.065196	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999121	Status:	OK.
Std Error of Est:	0.000046		
Predicted MDL:	0.003702		
Predicted MQL:	0.012342		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00379	.000	1
S1	.01000	.00935	-.001	-6.49	-.00318	.000	1
S2	1.2500	1.1271	-.123	-9.83	.06957	.001	1
S3	2.5000	2.3757	-.124	-4.97	.15086	.001	1
S4	5.0000	4.8953	-.105	-2.09	.31489	.001	1
S5	10.000	10.353	.353	3.53	.67020	.002	1

Reviewed By:mohan
On:1/12/2025 8:52:46 PM
Inst Id :P5



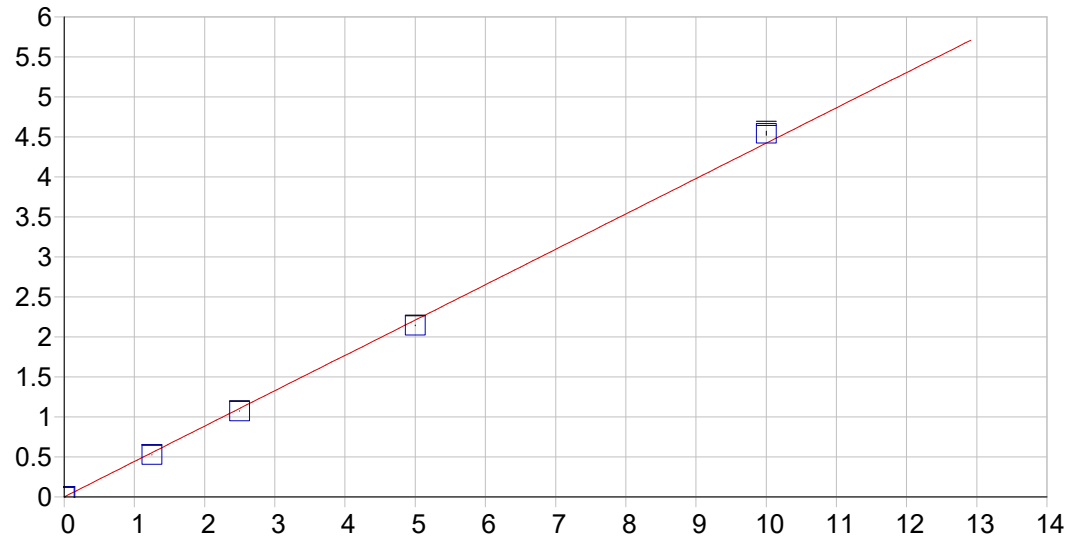
B 249.678 {135}

Date of Fit:	01/09/2025 15:47:48	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.005845	Re-Slope:	1.000000
A1 (Gain):	1.322003	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999583	Status:	OK.
Std Error of Est:	0.000616		
Predicted MDL:	0.003508		
Predicted MQL:	0.011694		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00586	.002	1
S1	.01000	.00093	-.009	-90.7	.00701	.008	1
S2	1.2500	1.3089	.059	4.71	1.6734	.011	1
S3	2.5000	2.5524	.052	2.10	3.2545	.055	1
S4	5.0000	5.0413	.041	.826	6.4191	.029	1
S5	10.000	9.8567	-.143	-1.43	12.534	.158	1

Reviewed By:mohan
On:1/12/2025 8:52:46 PM
Inst Id :P5



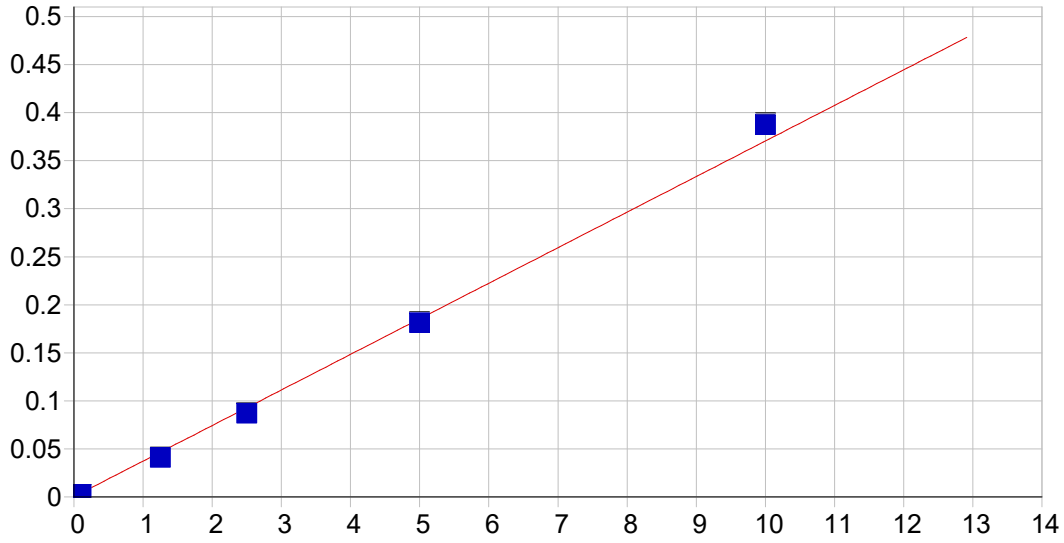
Mo 202.030 {467}

Date of Fit:	01/09/2025 15:47:48	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000761	Re-Slope:	1.000000
A1 (Gain):	0.442021	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999535	Status:	OK.
Std Error of Est:	0.000226		
Predicted MDL:	0.001012		
Predicted MQL:	0.003373		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00076	.000	1
S1	.01000	.00924	-.001	-7.58	.00485	.000	1
S2	1.2500	1.1890	-.061	-4.88	.52633	.001	1
S3	2.5000	2.4274	-.073	-2.90	1.0737	.002	1
S4	5.0000	4.8522	-.148	-2.96	2.1455	.004	1
S5	10.000	10.282	.282	2.82	4.5457	.025	1

Reviewed By:mohan
On:1/12/2025 8:52:46 PM
Inst Id :P5



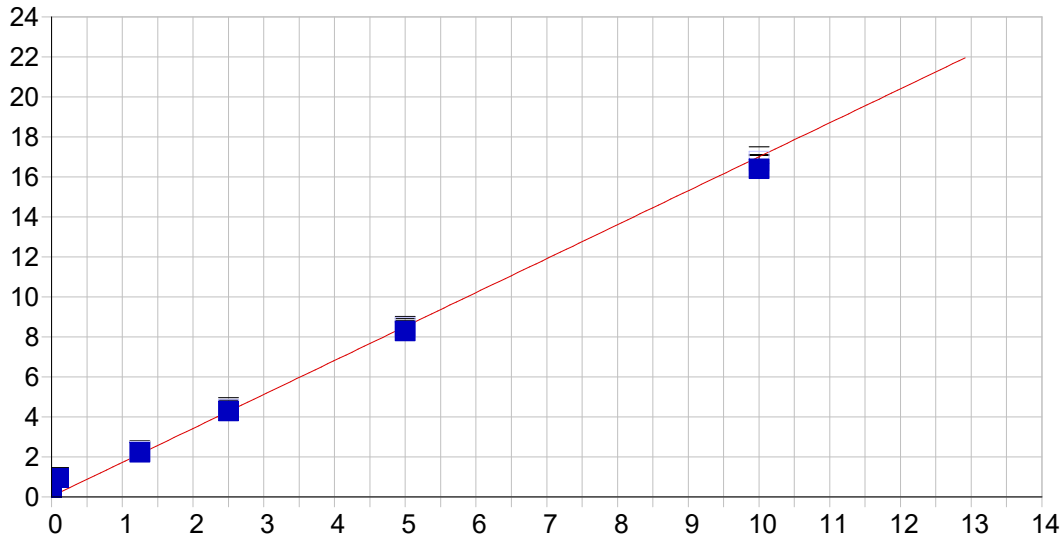
S 182.034 {485}

Date of Fit:	01/09/2025 15:47:48	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000273	Re-Slope:	1.000000
A1 (Gain):	0.037023	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.998435	Status:	OK.
Std Error of Est:	0.000111		
Predicted MDL:	0.005909		
Predicted MQL:	0.019696		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00004	.000	.000	.00027	.000	1
S1	.10000	.07264	-.027	-27.4	.00296	.000	1
S2	1.2500	1.0964	-.154	-12.3	.04101	.000	1
S3	2.5000	2.3438	-.156	-6.25	.08734	.000	1
S4	5.0000	4.8832	-.117	-2.34	.18166	.001	1
S5	10.000	10.454	.454	4.54	.38850	.001	1

Reviewed By:mohan
On:1/12/2025 8:52:46 PM
Inst Id :P5



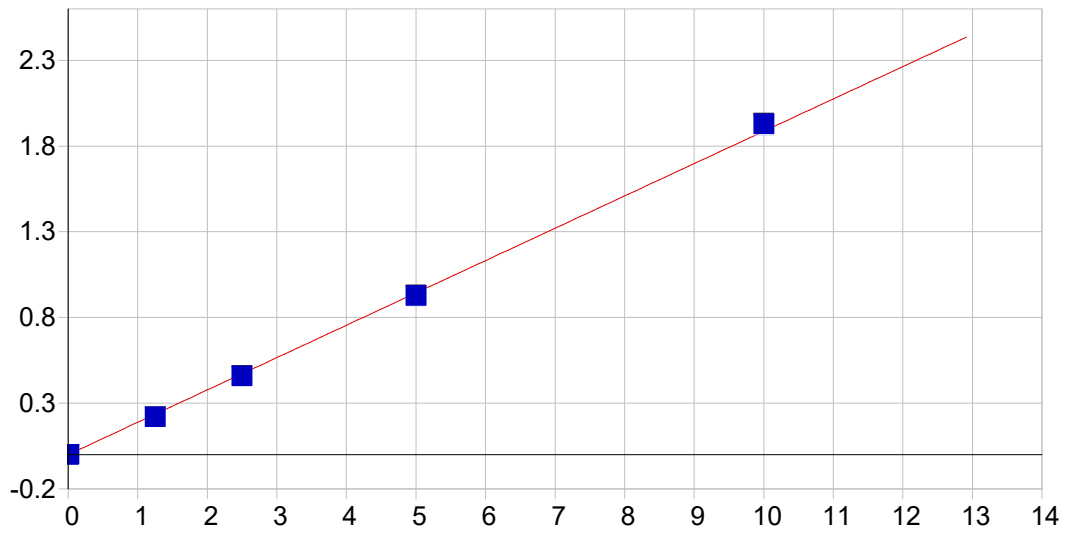
Si 251.611 {134}

Date of Fit:	01/09/2025 15:47:48	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.027521	Re-Slope:	1.000000
A1 (Gain):	1.697910	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.954167	Status:	OK.
Std Error of Est:	0.028941		
Predicted MDL:	0.002803		
Predicted MQL:	0.009342		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00044	-.000	.000	.02678	.003	1
S1	.10000	.53808	.438	438.	.94354	.023	1
S2	1.2500	1.2972	.047	3.78	2.2782	.024	1
S3	2.5000	2.5081	.008	.325	4.3825	.074	1
S4	5.0000	4.8645	-.136	-2.71	8.4797	.043	1
S5	10.000	9.6458	-.354	-3.54	16.791	.220	1

Reviewed By:mohan
On:1/12/2025 8:52:46 PM
Inst Id :P5



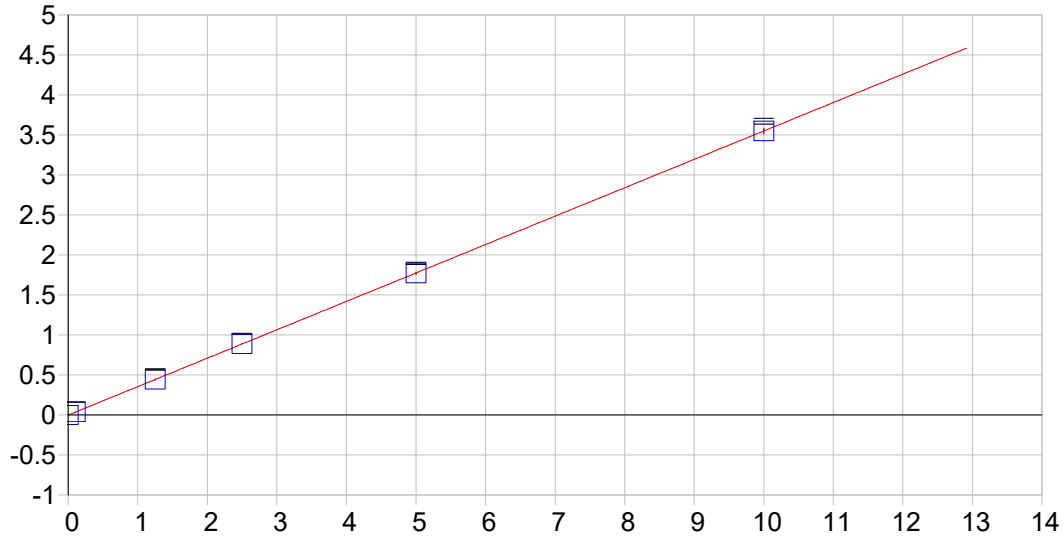
Sn 189.989 {478}

Date of Fit:	01/09/2025 15:47:48	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000092	Re-Slope:	1.000000
A1 (Gain):	0.188613	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999621	Status:	OK.
Std Error of Est:	0.000072		
Predicted MDL:	0.001285		
Predicted MQL:	0.004284		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00009	.000	1
S1	.00700	.00558	-.001	-20.4	.00109	.000	1
S2	1.2500	1.1691	-.081	-6.48	.21941	.000	1
S3	2.5000	2.4321	-.068	-2.72	.45646	.001	1
S4	5.0000	4.9186	-.081	-1.63	.92307	.004	1
S5	10.000	10.232	.232	2.32	1.9205	.004	1

Reviewed By:mohan
On:1/12/2025 8:52:46 PM
Inst Id :P5



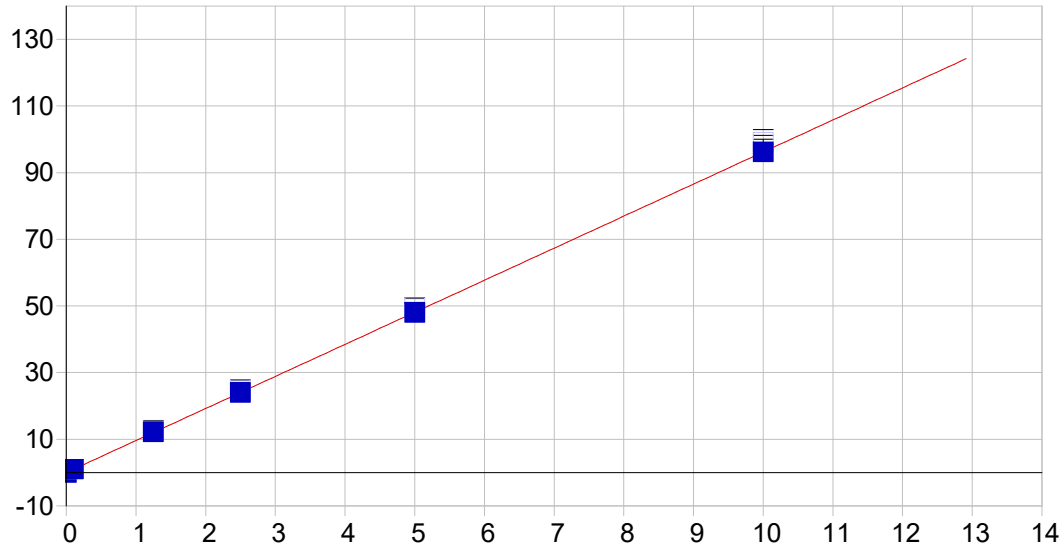
Ti 336.121 {100}

Date of Fit:	01/09/2025 15:47:48	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.001337	Re-Slope:	1.000000
A1 (Gain):	0.355081	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999989	Status:	OK.
Std Error of Est:	0.000090		
Predicted MDL:	0.008006		
Predicted MQL:	0.026688		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00134	.003	1
S1	.10000	.10595	.006	5.95	.03628	.002	1
S2	1.2500	1.2521	.002	.168	.44326	.008	1
S3	2.5000	2.5102	.010	.408	.88998	.007	1
S4	5.0000	4.9890	-.011	-.220	1.7702	.014	1
S5	10.000	9.9927	-.007	-.073	3.5469	.036	1

Reviewed By:mohan
On:1/12/2025 8:52:46 PM
Inst Id :P5



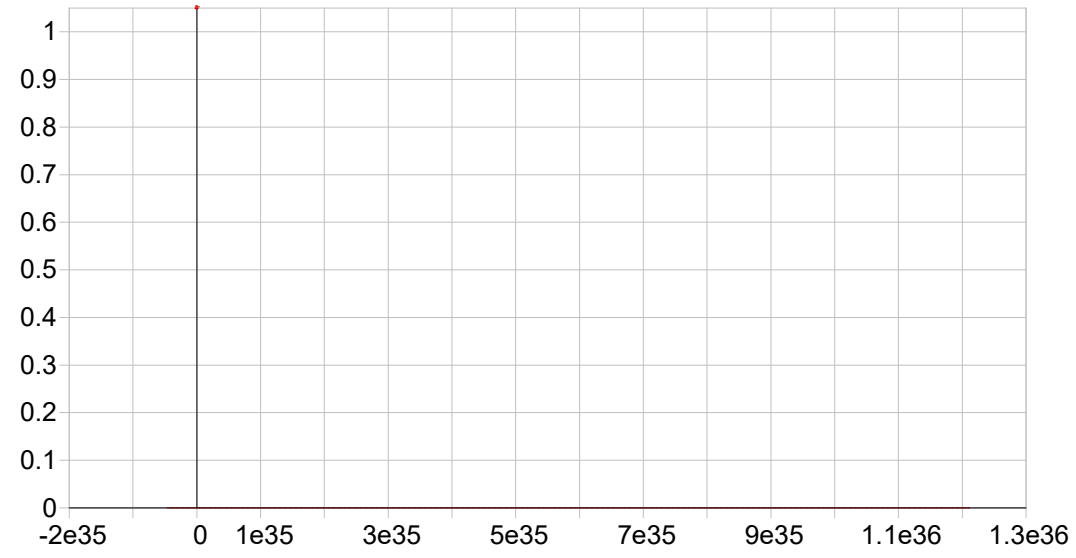
Sr 407.771 { 83}

Date of Fit:	01/09/2025 15:47:48	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.008466	Re-Slope:	1.000000
A1 (Gain):	9.620771	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999987	Status:	OK.
Std Error of Est:	0.002690		
Predicted MDL:	0.000440		
Predicted MQL:	0.001465		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00853	.005	1
S1	.10000	.10596	.006	5.96	1.0119	.014	1
S2	1.2500	1.2627	.013	1.02	12.501	.167	1
S3	2.5000	2.4981	-.002	-.078	24.746	.104	1
S4	5.0000	4.9869	-.013	-.262	49.413	.132	1
S5	10.000	9.9965	-.003	-.035	99.052	.862	1

Reviewed By:mohan
On:1/12/2025 8:52:46 PM
Inst Id :P5

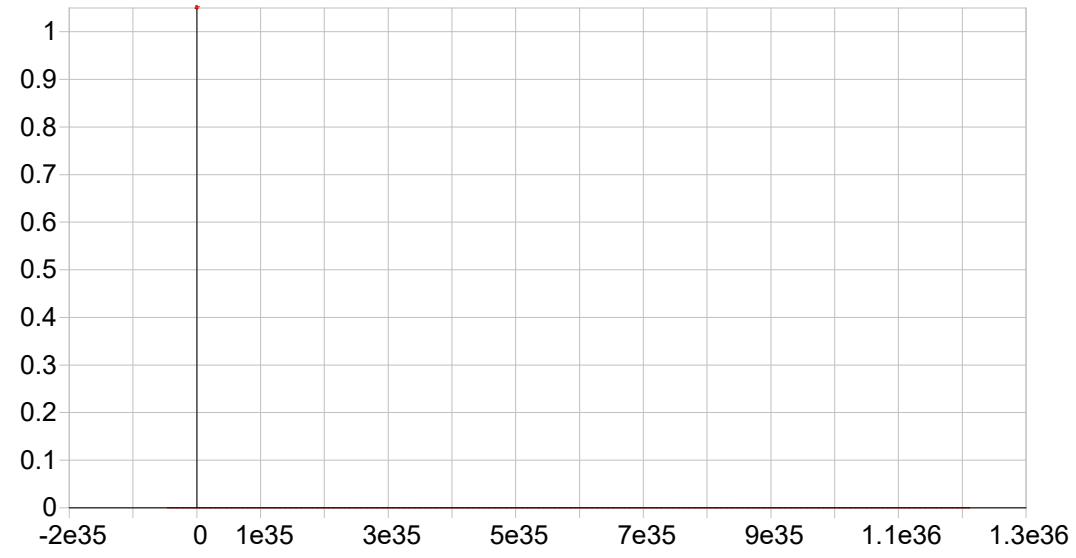


Y 224.306 {450}*

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

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

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



Y 360.073 { 94}*

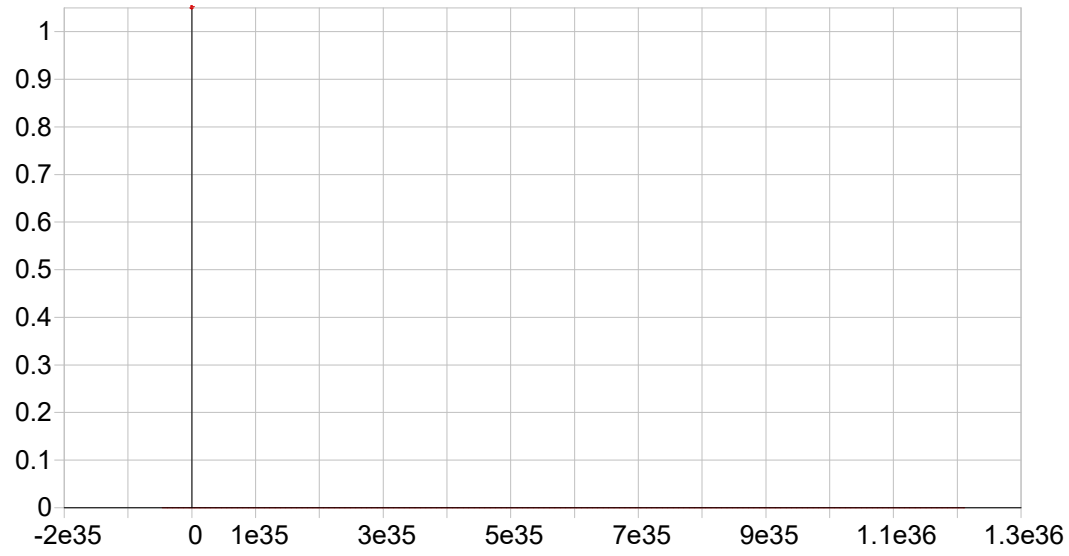
Date of Fit:	<not fit>	Type of Fit:	Linear	Weighting:	1/Conc

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

Reviewed By:mohan
On:1/12/2025 8:52:46 PM
Inst Id :P5

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

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



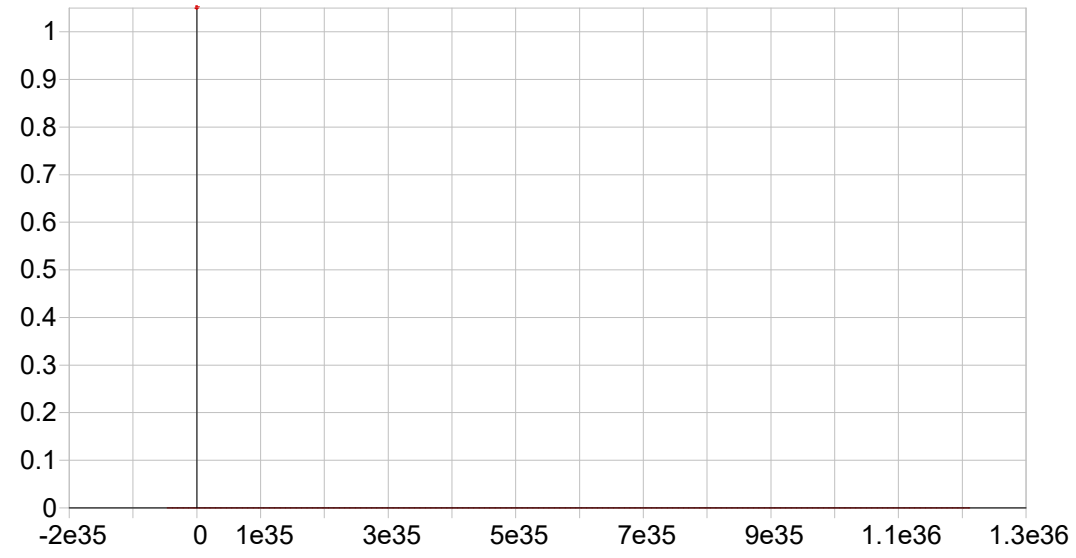
Y 371.030 { 91}*

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

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

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

Reviewed By:mohan
On:1/12/2025 8:52:46 PM
Inst Id :P5

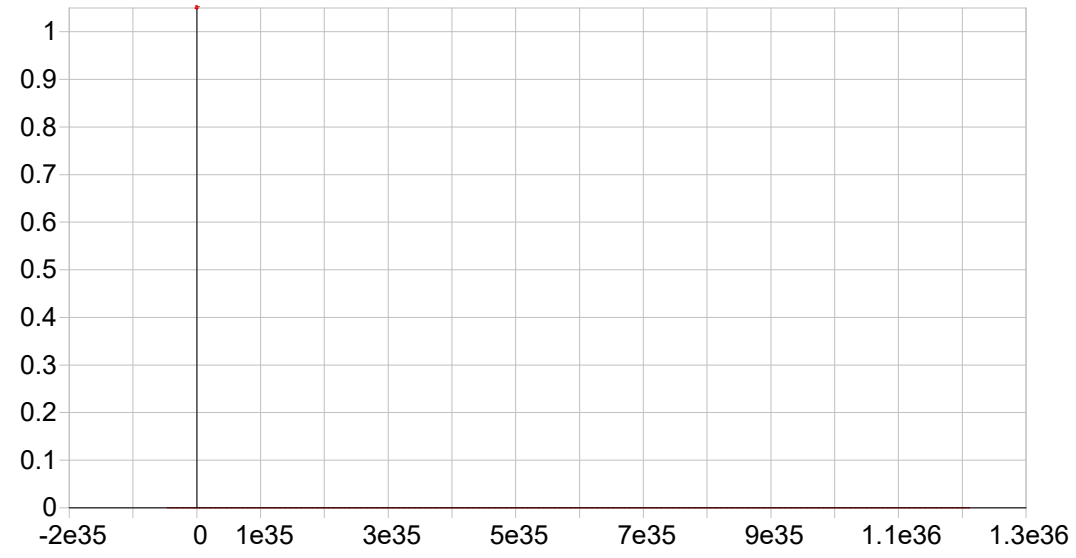


Y 224.306 {150}*

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

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

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



In 230.606 {446}*

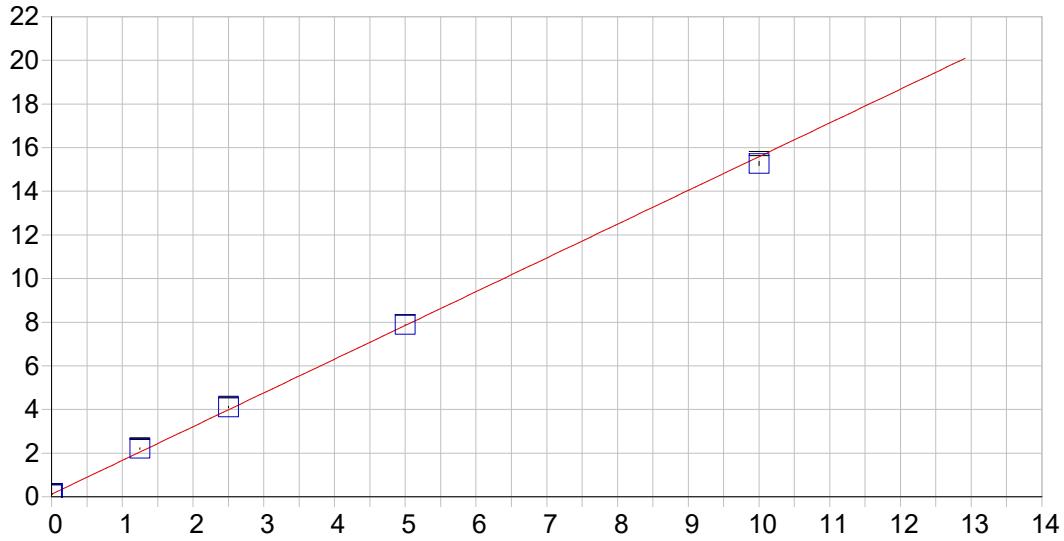
Date of Fit:	<not fit>	Type of Fit:	Linear	Weighting:	1/Conc

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

Reviewed By:mohan
On:1/12/2025 8:52:46 PM
Inst Id :P5

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

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



Li 670.784 { 50}

Date of Fit:	01/09/2025 15:47:48	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.117355	Re-Slope:	1.000000
A1 (Gain):	1.546938	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999585	Status:	OK.
Std Error of Est:	0.000915		
Predicted MDL:	0.005871		
Predicted MQL:	0.019570		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.11736	.024	1
S5	10.000	9.7960	-.204	-2.04	15.271	.095	1
S4	5.0000	5.0208	.021	.415	7.8842	.008	1
S3	2.5000	2.5829	.083	3.32	4.1130	.040	1
S2	1.2500	1.3522	.102	8.18	2.2091	.032	1
S1	.01500	.01315	-.002	-12.3	.13770	.008	1

Reviewed By:mohan
On:1/12/2025 8:52:46 PM
Inst Id :P5

Sample Name: S0 Acquired: 01/09/2025 15:24:22 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95) 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	1.6009	-.00048	-.00118	.00050	-.00008	.00010	.18742	.02269
Stddev	.3514	.00043	.00058	.00027	.00038	.00257	.01570	.00603
%RSD	21.949	89.328	48.978	53.233	487.44	2572.8	8.3785	26.596
#1	1.1960	-.00089	-.00070	.00072	-.00039	.00218	.19996	.02561
#2	1.8253	-.00052	-.00102	.00021	.00034	-.00277	.19250	.02670
#3	1.7814	-.00003	-.00183	.00057	-.00018	.00088	.16981	.01575

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.00022	.01405	.00000	-.00114	.09352	.00069	-.00168	-.00280
Stddev	.00034	.00337	.00026	.00012	.01285	.00087	.00199	.00123
%RSD	154.32	23.974	5551.7	10.388	13.742	126.46	118.15	43.810
#1	.00035	.01349	.00005	-.00109	.10813	.00166	-.00005	-.00309
#2	-.00016	.01766	.00024	-.00105	.08848	.00000	-.00389	-.00386
#3	.00047	.01099	-.00028	-.00127	.08396	.00040	-.00111	-.00146

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	-.00147	.00092	.05951	-.03264	.00228	.10719	-.00379	.00586
Stddev	.00038	.00028	.01730	.00854	.00038	.01022	.00018	.00213
%RSD	26.149	30.626	29.070	26.153	16.651	9.5323	4.8170	36.373
#1	-.00103	.00124	.07738	-.03429	.00256	.11863	-.00392	.00410
#2	-.00163	.00070	.04284	-.04023	.00242	.09897	-.00358	.00524
#3	-.00175	.00083	.05831	-.02340	.00185	.10396	-.00388	.00823

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	.00076	.00027	.02678	.00009	-.00134	-.00853	.11736
Stddev	.00019	.00020	.00293	.00023	.00258	.00450	.02399
%RSD	24.835	74.582	10.943	249.35	192.88	52.773	20.440
#1	.00097	.00033	.02397	.00035	-.00047	-.00578	.09700
#2	.00072	.00044	.02655	.00004	.00070	-.01372	.14380
#3	.00059	.00005	.02982	-.00010	-.00425	-.00608	.11127

Reviewed By:mohan
On:1/12/2025 8:52:46 PM
Inst Id :P5

Sample Name: S0 Acquired: 01/09/2025 15:24:22 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95) 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	2149.8	19880.	878.06	1626.7	2529.7
Stddev	10.6	105.	4.83	6.7	12.8
%RSD	.49144	.52784	.54981	.41092	.50561
#1	2161.8	19794.	872.56	1619.6	2542.8
#2	2145.6	19996.	880.05	1632.8	2529.2
#3	2142.0	19849.	881.58	1627.8	2517.2

Reviewed By:mohan
On:1/12/2025 8:52:46 PM
Inst Id :P5

Sample Name: S1 Acquired: 01/09/2025 15:28:27 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95) 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	3.7973	.00188	.00106	.00188	.00557	.02145	1.0075	.12131
Stddev	.4222	.00011	.00111	.00025	.00080	.00327	.0097	.00428
%RSD	11.119	5.6817	104.11	13.016	14.359	15.241	.96376	3.5263
#1	3.3686	.00188	.00005	.00161	.00565	.02496	1.0167	.11773
#2	4.2128	.00198	.00224	.00196	.00633	.01849	1.0085	.12016
#3	3.8104	.00177	.00089	.00208	.00473	.02092	.99738	.12605

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	.01570	.44086	.00252	.04002	.35369	.00271	.00366	.04602
Stddev	.00015	.00225	.00034	.00047	.01777	.00222	.00144	.00121
%RSD	.96807	.51059	13.424	1.1850	5.0234	81.665	39.354	2.6275
#1	.01552	.44302	.00234	.04029	.37391	.00269	.00341	.04509
#2	.01577	.44104	.00291	.04031	.34059	.00494	.00236	.04558
#3	.01580	.43853	.00231	.03948	.34657	.00051	.00521	.04739

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	.02346	.00516	7.1585	.47330	.10635	.29797	-.00318	.00701
Stddev	.00041	.00037	.1405	.00755	.00238	.01448	.00026	.00810
%RSD	1.7317	7.2166	1.9629	1.5951	2.2378	4.8586	8.1846	115.54
#1	.02302	.00495	7.3208	.47906	.10627	.31386	-.00340	.01542
#2	.02355	.00559	7.0786	.46475	.10876	.29453	-.00324	-.00073
#3	.02382	.00494	7.0762	.47608	.10401	.28553	-.00289	.00634

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	.00485	.00296	.94354	.00109	.03628	1.0119	.13770
Stddev	.00005	.00004	.02269	.00011	.00191	.0136	.00790
%RSD	1.0502	1.3814	2.4049	10.462	5.2600	1.3455	5.7364
#1	.00488	.00299	.96870	.00121	.03576	1.0276	.13752
#2	.00486	.00298	.92464	.00098	.03840	1.0034	.14569
#3	.00479	.00292	.93727	.00107	.03469	1.0047	.12990

Reviewed By:mohan
On:1/12/2025 8:52:46 PM
Inst Id :P5

Sample Name: S1 Acquired: 01/09/2025 15:28:27 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95) 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	2139.6	19583.	871.91	1609.8	2468.5
Stddev	6.3	40.	13.30	1.3	3.7
%RSD	.29312	.20356	1.5254	.07825	.14892
#1	2133.8	19629.	856.56	1609.9	2467.1
#2	2138.6	19563.	879.95	1608.4	2465.7
#3	2146.2	19557.	879.22	1610.9	2472.7

Reviewed By:mohan
On:1/12/2025 8:52:46 PM
Inst Id :P5

Sample Name: S2 Acquired: 01/09/2025 15:32:31 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95) Mode: IR Corr. Factor: 1.000000
User: Kareem Custom ID1: S02 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	220.06	.12303	1.7418	.06335	.12503	3.6890	10.673	2.7130
Stddev	.99	.00063	.0043	.00042	.00060	.0377	.153	.0257
%RSD	.45069	.51328	.24698	.66463	.48321	1.0227	1.4369	.94907
#1	219.18	.12240	1.7399	.06324	.12567	3.7320	10.849	2.7424
#2	219.87	.12366	1.7389	.06300	.12496	3.6617	10.564	2.6943
#3	221.13	.12303	1.7468	.06382	.12446	3.6731	10.607	2.7024

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2.1628	5.3899	1.1190	.54221	37.123	.92404	1.2570	.57656
Stddev	.0067	.0626	.0045	.00059	.284	.01231	.0213	.01055
%RSD	.30825	1.1621	.40114	.10890	.76380	1.3326	1.6948	1.8307
#1	2.1587	5.4611	1.1226	.54201	37.449	.93806	1.2815	.58873
#2	2.1591	5.3658	1.1205	.54174	36.938	.91909	1.2431	.56989
#3	2.1705	5.3430	1.1140	.54287	36.980	.91498	1.2463	.57107

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	.41278	.14124	51.393	5.6512	6.3939	1.6000	.06957	1.6734
Stddev	.00061	.00153	.433	.0402	.0133	.0302	.00055	.0109
%RSD	.14690	1.0798	.84290	.71196	.20816	1.8861	.78645	.65239
#1	.41348	.14266	51.892	5.6947	6.3836	1.6344	.07001	1.6829
#2	.41244	.14144	51.175	5.6153	6.3893	1.5780	.06896	1.6614
#3	.41242	.13963	51.113	5.6434	6.4090	1.5876	.06974	1.6758

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	.52633	.04101	2.2782	.21941	.44326	12.501	2.2091
Stddev	.00125	.00044	.0240	.00039	.00824	.167	.0317
%RSD	.23841	1.0626	1.0525	.17568	1.8598	1.3363	1.4357
#1	.52590	.04064	2.3058	.21946	.45241	12.693	2.2457
#2	.52534	.04090	2.2621	.21900	.44094	12.414	2.1929
#3	.52774	.04149	2.2668	.21977	.43642	12.394	2.1888

Reviewed By:mohan
On:1/12/2025 8:52:46 PM
Inst Id :P5

Sample Name: S2 Acquired: 01/09/2025 15:32:31 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95) 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	2049.5	18776.	850.80	1550.0	2118.3
Stddev	2.8	197.	10.80	8.9	2.7
%RSD	.13857	1.0516	1.2690	.57304	.12586
#1	2046.2	18629.	838.95	1542.6	2116.1
#2	2050.8	18698.	853.39	1547.7	2117.6
#3	2051.4	19001.	860.08	1559.8	2121.3

Reviewed By:mohan
On:1/12/2025 8:52:46 PM
Inst Id :P5

Sample Name: S3 Acquired: 01/09/2025 15:36:24 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95) Mode: IR Corr. Factor: 1.000000
User: Kareem Custom ID1: S03 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	432.24	.24975	3.5851	.12955	.25606	7.2491	20.797	5.2474
Stddev	1.76	.00092	.0078	.00106	.00111	.0198	.217	.1122
%RSD	.40742	.36819	.21702	.81541	.43332	.27251	1.0443	2.1389
#1	433.91	.24906	3.5768	.12842	.25482	7.2328	20.552	5.2107
#2	432.40	.24941	3.5865	.13052	.25695	7.2711	20.874	5.3733
#3	430.40	.25079	3.5921	.12971	.25643	7.2434	20.966	5.1580

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	4.4762	10.577	2.2355	1.1037	70.765	1.8330	2.4738	1.1349
Stddev	.0109	.090	.0011	.0020	1.012	.0082	.0146	.0082
%RSD	.24278	.85178	.04900	.17926	1.4298	.44809	.59008	.72151
#1	4.4683	10.473	2.2360	1.1023	70.374	1.8265	2.4608	1.1281
#2	4.4718	10.639	2.2363	1.1029	71.914	1.8422	2.4896	1.1440
#3	4.4886	10.618	2.2343	1.1060	70.007	1.8302	2.4710	1.1326

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	.85319	.28328	98.504	11.099	13.129	3.0637	.15086	3.2545
Stddev	.00295	.00112	1.388	.171	.069	.0293	.00065	.0551
%RSD	.34532	.39453	1.4093	1.5425	.52416	.95523	.43031	1.6947
#1	.85159	.28434	97.655	11.005	13.190	3.0304	.15011	3.2232
#2	.85140	.28212	100.11	11.296	13.054	3.0854	.15117	3.3182
#3	.85659	.28340	97.751	10.995	13.143	3.0753	.15130	3.2221

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077	Li6707
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1.0737	.08734	4.3825	.45646	.88998	24.746	4.1130
Stddev	.0023	.00038	.0743	.00139	.00671	.104	.0400
%RSD	.21146	.43659	1.6950	.30444	.75420	.42184	.97349
#1	1.0711	.08690	4.3632	.45589	.88248	24.626	4.0689
#2	1.0746	.08760	4.4645	.45545	.89207	24.804	4.1470
#3	1.0754	.08753	4.3197	.45804	.89541	24.809	4.1231

Reviewed By:mohan
On:1/12/2025 8:52:46 PM
Inst Id :P5

Sample Name: S3 Acquired: 01/09/2025 15:36:24 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95) 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	1958.4	18075.	852.78	1470.2	1976.3
Stddev	9.0	113.	7.51	14.5	12.4
%RSD	.45771	.62447	.88045	.98892	.62507
#1	1965.0	18072.	857.91	1466.0	1981.4
#2	1962.0	18189.	844.16	1486.3	1985.3
#3	1948.2	17963.	856.27	1458.2	1962.2

Reviewed By:mohan
On:1/12/2025 8:52:46 PM
Inst Id :P5

Sample Name: S4 Acquired: 01/09/2025 15:40:13 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95) Mode: IR Corr. Factor: 1.000000
User: Kareem Custom ID1: S04 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	842.48	.48991	7.2566	.26246	.51533	14.396	41.045	10.359
Stddev	2.60	.00206	.0253	.00062	.00172	.097	.217	.053
%RSD	.30872	.42131	.34814	.23652	.33309	.67232	.52869	.50950
#1	842.44	.48849	7.2327	.26202	.51505	14.502	40.800	10.352
#2	839.89	.48897	7.2542	.26218	.51376	14.372	41.122	10.415
#3	845.09	.49228	7.2830	.26317	.51716	14.313	41.214	10.311

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	9.0434	20.745	4.4009	2.1954	137.35	3.6472	4.9139	2.2362
Stddev	.0317	.038	.0120	.0069	.62	.0034	.0155	.0144
%RSD	.35070	.18128	.27327	.31424	.45061	.09327	.31581	.64271
#1	9.0182	20.702	4.3922	2.1903	137.40	3.6477	4.9239	2.2359
#2	9.0331	20.760	4.4146	2.1926	137.94	3.6503	4.9218	2.2507
#3	9.0790	20.772	4.3958	2.2032	136.71	3.6436	4.8960	2.2219

Elem	Ni2316	Ag3280	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1.7183	.56228	186.38	21.808	26.566	6.0648	.31489	6.4191
Stddev	.0059	.00154	.52	.070	.129	.0321	.00082	.0285
%RSD	.34355	.27312	.28067	.32326	.48654	.52877	.26022	.44405
#1	1.7140	.56213	186.31	21.869	26.583	6.0333	.31413	6.4199
#2	1.7158	.56389	186.93	21.826	26.685	6.0638	.31479	6.4472
#3	1.7250	.56083	185.89	21.731	26.429	6.0974	.31576	6.3902

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077	Li6707
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2.1455	.18166	8.4797	.92307	1.7702	49.413	7.8842
Stddev	.0038	.00069	.0434	.00375	.0140	.132	.0077
%RSD	.17786	.38092	.51222	.40608	.78971	.26778	.09714
#1	2.1442	.18093	8.4816	.92001	1.7808	49.521	7.8767
#2	2.1426	.18173	8.5221	.92195	1.7753	49.452	7.8839
#3	2.1499	.18231	8.4353	.92725	1.7543	49.265	7.8920

Reviewed By:mohan
On:1/12/2025 8:52:46 PM
Inst Id :P5

Sample Name: S4 Acquired: 01/09/2025 15:40:13 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95) 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	1870.6	17441.	832.68	1399.6	1862.8
Stddev	3.1	16.	2.24	3.0	1.4
%RSD	.16704	.09397	.26926	.21166	.07362
#1	1868.0	17460.	832.49	1401.5	1863.6
#2	1869.7	17432.	830.53	1396.2	1861.3
#3	1874.1	17432.	835.00	1401.0	1863.7

Reviewed By:mohan
On:1/12/2025 8:52:46 PM
Inst Id :P5

Sample Name: S5 Acquired: 01/09/2025 15:43:59 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95) Mode: IR Corr. Factor: 1.000000
User: Kareem Custom ID1: S05 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1669.4	.98943	15.111	.56454	1.1081	28.952	82.879	20.596
Stddev	4.8	.00281	.046	.00222	.0053	.325	.383	.243
%RSD	.28462	.28449	.30423	.39320	.48297	1.1238	.46200	1.1813
#1	1666.1	.98937	15.088	.56256	1.1060	29.267	83.306	20.876
#2	1667.2	.98664	15.080	.56412	1.1040	28.972	82.764	20.457
#3	1674.8	.99227	15.163	.56694	1.1141	28.617	82.566	20.453

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	18.718	41.078	8.8853	4.4930	268.35	7.2483	9.7542	4.4544
Stddev	.056	.298	.0236	.0115	3.26	.0760	.0852	.0504
%RSD	.29667	.72547	.26502	.25526	1.2131	1.0487	.87318	1.1322
#1	18.688	41.350	8.8605	4.4867	272.11	7.3199	9.8452	4.5008
#2	18.683	41.124	8.9073	4.4860	266.36	7.2564	9.7412	4.4616
#3	18.782	40.759	8.8881	4.5062	266.58	7.1685	9.6763	4.4007

Elem	Ni2316	Ag3280	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3.5554	1.1506	341.95	43.457	56.396	12.248	.67020	12.534
Stddev	.0079	.0051	4.10	.567	.255	.046	.00249	.158
%RSD	.22338	.44608	1.1998	1.3037	.45206	.37617	.37112	1.2640
#1	3.5531	1.1474	346.42	44.109	56.484	12.276	.66970	12.713
#2	3.5489	1.1565	341.06	43.080	56.595	12.274	.66801	12.412
#3	3.5643	1.1478	338.36	43.182	56.108	12.195	.67290	12.476

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	4.5457	.38850	16.791	1.9205	3.5469	99.052	15.271
Stddev	.0245	.00097	.220	.0040	.0360	.862	.095
%RSD	.53963	.25024	1.3113	.20765	1.0160	.86983	.62130
#1	4.5340	.38819	17.043	1.9180	3.5820	99.914	15.339
#2	4.5291	.38772	16.639	1.9183	3.5488	99.051	15.312
#3	4.5739	.38959	16.690	1.9251	3.5100	98.191	15.163

Reviewed By:mohan
On:1/12/2025 8:52:46 PM
Inst Id :P5

Sample Name: S5 Acquired: 01/09/2025 15:43:59 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95) 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	1714.5	16779.	826.00	1288.7	1730.7
Stddev	4.3	135.	6.91	11.1	2.1
%RSD	.24953	.80263	.83620	.85830	.12121
#1	1718.0	16899.	818.92	1295.1	1733.0
#2	1715.7	16633.	826.36	1275.9	1728.9
#3	1709.7	16804.	832.72	1294.9	1730.2

Reviewed By:mohan
On:1/12/2025 8:52:46 PM
Inst Id :P5

Sample Name: S6 Acquired: 01/09/2025 15:47:53 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95) 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	76.783	65.032	18.823	6.7904	888.23
Stddev	.258	.278	.048	.0235	6.54
%RSD	.33658	.42711	.25524	.34673	.73632
#1	76.546	65.140	18.790	6.7763	893.47
#2	77.059	65.239	18.878	6.8176	890.33
#3	76.744	64.716	18.800	6.7774	880.90

Int. Std.	Y_3710
Units	Cts/S
Avg	805.77
Stddev	3.86
%RSD	.47954
#1	806.26
#2	801.69
#3	809.37

Reviewed By:mohan
On:1/12/2025 8:52:46 PM
Inst Id :P5

Sample Name: ICV056 Acquired: 01/09/2025 16:16:28 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICV056 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.054501	.9644973	.9399848	.9609912	.9652180	2.406449
Stddev	.004371	.0021937	.0094935	.0064532	.0021387	.078885
%RSD	.4145087	.2274411	1.009963	.6715203	.2215756	3.278054
#1	1.051735	.9633307	.9347068	.9535840	.9635682	2.324824
#2	1.052227	.9631335	.9343030	.9639915	.9644516	2.412251
#3	1.059540	.9670278	.9509444	.9653980	.9676343	2.482273

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4985257	.5062102	.4988889	10.11829	.5214994	.5179747
Stddev	.0072790	.0059574	.0017889	.05153	.0015121	.0017033
%RSD	1.460103	1.176872	.3585816	.5092511	.2899519	.3288308
#1	.5006706	.5092014	.4979747	10.14354	.5197827	.5160951
#2	.4904152	.4993498	.4977418	10.05901	.5220819	.5184130
#3	.5044912	.5100793	.5009502	10.15233	.5226336	.5194159

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5444407	9.933638	.4928219	6.001199	.5244319	.2424891
Stddev	.0050498	.068424	.0043134	.119937	.0009170	.0010418
%RSD	.9275244	.6888157	.8752525	1.998553	.1748483	.4296380
#1	.5464939	9.913452	.4918864	5.866351	.5235052	.2414427
#2	.5386876	9.877578	.4890530	6.095951	.5244516	.2424983
#3	.5481404	10.00989	.4975264	6.041297	.5253388	.2435263

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.476341	.5107611	.9405983	9.279590	F .0036569	F -.031037
Stddev	.076904	.0029913	.0014751	.182437	.0027153	.001955
%RSD	.8115332	.5856654	.1568215	1.966008	74.25039	6.298174
#1	9.491648	.5122375	.9394900	9.087260	.0024514	-.031578
#2	9.392935	.5073186	.9422725	9.301322	.0067662	-.028869
#3	9.544441	.5127273	.9400323	9.450188	.0017532	-.032664

Reviewed By:mohan
On:1/12/2025 8:52:46 PM
Inst Id :P5

Sample Name: ICV056 Acquired: 01/09/2025 16:16:28 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICV056 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .0013690	F .0029603	F .0027703	F .0004639	F .0062892	F -.008295
Stddev	.0007786	.0022109	.0035628	.0007546	.0150613	.000807
%RSD	56.87129	74.68628	128.6067	162.6655	239.4791	9.722463
#1	.0021475	.0039417	-.000372	.0003874	.0197342	-.007448
#2	.0005904	.0045106	.002042	.0012538	.0091200	-.009054
#3	.0013691	.0004285	.006641	-.000250	-.009987	-.008384

Elem	Li6707
Units	ppm
Avg	F .0031599
Stddev	.0049378
%RSD	156.2631
#1	.0079375
#2	.0034662
#3	-.001924

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2129.369	19567.78	891.2232	1619.879	2379.022
Stddev	5.274	93.89	4.0943	11.472	5.909
%RSD	.2476749	.4798090	.4594031	.7082194	.2483778
#1	2134.481	19657.34	889.8515	1624.974	2385.810
#2	2123.947	19470.09	895.8273	1606.741	2376.231
#3	2129.680	19575.91	887.9909	1627.921	2375.026

Reviewed By:mohan
On:1/12/2025 8:52:46 PM
Inst Id :P5

Sample Name: ICB056 Acquired: 01/09/2025 16:20:47 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICB056 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0026722	.0017708	-.005674	-.001957	-.002304	-.007159	-.001528
Stddev	.0010964	.0023547	.002158	.004819	.000918	.099825	.003742
%RSD	41.02923	132.9739	38.03632	246.2217	39.83492	1394.346	244.9324
#1	.0037720	-.000932	-.006458	-.006364	-.001937	.054050	.002273
#2	.0015792	.002867	-.007330	-.002696	-.001626	.046824	-.001648
#3	.0026655	.003378	-.003233	.003188	-.003348	-.122352	-.005209

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000154	.0001402	.1204065	-.000326	.0000471	-.000494	-.013883
Stddev	.000313	.0000355	.0553096	.001224	.0002563	.001076	.026092
%RSD	203.5386	25.30251	45.93571	375.6700	544.7299	217.8924	187.9422
#1	.000108	.0000995	.1528976	-.001479	-.000053	.000729	-.016907
#2	-.000069	.0001645	.1517781	-.000456	.000338	-.000916	.013589
#3	-.000500	.0001565	.0565438	.000958	-.000144	-.001295	-.038332

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0051486	.1002956	-.000313	-.000704	.0427680	.0011502	.0002976
Stddev	.0046079	.1326721	.000782	.001358	.0255167	.0005495	.0010263
%RSD	89.49820	132.2811	249.9887	193.0502	59.66315	47.77680	344.8272
#1	.0072785	.2457234	-.001125	-.002177	.0205928	.0017696	-.000887
#2	.0083063	.0692940	-.000249	.000498	.0370537	.0007213	.000858
#3	-.000139	-.014131	.000435	-.000431	.0706574	.0009595	.000922

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.148743	-.000372	.0008255	.0000575	.0057700	-.002277	-.001634
Stddev	.042659	.001112	.0046451	.0008763	.0009150	.003799	.000554
%RSD	28.67976	298.7115	562.7113	1524.140	15.85800	166.7972	33.90643
#1	-.099515	-.000535	.0059574	-.000934	.0065701	-.003713	-.002222
#2	-.174866	-.001394	-.003091	.000727	.0047724	-.005149	-.001556
#3	-.171847	.000813	-.000390	.000380	.0059675	.002030	-.001123

Reviewed By:mohan
On:1/12/2025 8:52:46 PM
Inst Id :P5

Sample Name: ICB056 Acquired: 01/09/2025 16:20:47 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICB056 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.0026428	.0003797	.0008655
Stddev	.0085962	.0003148	.0062799
%RSD	325.2754	82.91910	725.5709
#1	.0114722	.0007421	.0028459
#2	-.005700	.0002232	-.006166
#3	.002156	.0001737	.005917

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2162.514	19803.66	883.9889	1628.096	2539.654
Stddev	10.729	135.54	5.9463	9.247	15.595
%RSD	.4961282	.6844358	.6726666	.5679654	.6140742
#1	2151.094	19796.95	881.5333	1623.612	2523.732
#2	2164.065	19942.43	890.7697	1638.730	2540.331
#3	2172.383	19671.59	879.6636	1621.945	2554.901

Reviewed By:mohan
On:1/12/2025 8:52:46 PM
Inst Id :P5

Sample Name: ICSA056 Acquired: 01/09/2025 16:24:51 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICSA056 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0065711	.0032985	-.007006	.0043113	.0119283	244.4054
Stddev	.0047051	.0041706	.002800	.0020784	.0054716	1.6030
%RSD	71.60246	126.4386	39.96972	48.20715	45.87106	.6558659
#1	.0118194	.0061536	-.005424	.0048963	.0091393	246.0226
#2	.0051635	-.001488	-.005355	.0020031	.0182325	242.8171
#3	.0027305	.005230	-.010239	.0060345	.0084132	244.3765

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000363	.0013166	.0005669	253.1261	.0493590	.0024519
Stddev	.003120	.0001551	.0001697	.8106	.0008715	.0004505
%RSD	858.7917	11.77802	29.93823	.3202540	1.765666	18.37391
#1	.003238	.0012016	.0004783	253.3823	.0483667	.0021722
#2	-.002090	.0012552	.0004598	252.2183	.0497100	.0029715
#3	-.002238	.0014929	.0007625	253.7777	.0500002	.0022118

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.016820	100.5131	.0072834	259.8343	.0003882	.0033932
Stddev	.001674	.6993	.0009460	2.2596	.0009946	.0004989
%RSD	9.952101	.6957093	12.98886	.8696349	256.1999	14.70253
#1	-.018669	101.1787	.0077208	260.7954	-.000517	.0039523
#2	-.016382	99.7844	.0079316	257.2530	.000229	.0029933
#3	-.015408	100.5762	.0061979	261.4544	.001453	.0032340

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2420162	.0017881	-.032685	-.696309	-.000073	F -.312394
Stddev	.0345129	.0006063	.000393	.579944	.002316	.001297
%RSD	14.26056	33.90772	1.201375	83.28836	3180.741	.4150810
#1	.2350539	.0015317	-.032554	-1.25244	-.002368	-.313326
#2	.2115153	.0013520	-.032375	-.74131	-.000113	-.312943
#3	.2794795	.0024804	-.033127	-.09517	.002262	-.310913

Reviewed By:mohan
On:1/12/2025 8:52:46 PM
Inst Id :P5

Sample Name: ICSA056 Acquired: 01/09/2025 16:24:51 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICSA056 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0073825	.0166499	-.007504	F .0123032	.0098124	.0059599
Stddev	.0012894	.0023193	.003874	.0007583	.0055604	.0007240
%RSD	17.46637	13.93006	51.61723	6.163869	56.66713	12.14765
#1	.0086683	.0172034	-.005718	.0125273	.0033964	.0067549
#2	.0060894	.0141038	-.011949	.0114580	.0128102	.0057862
#3	.0073898	.0186423	-.004847	.0129242	.0132306	.0053385

Elem	Li6707
Units	ppm
Avg	F .0213720
Stddev	.0033067
%RSD	15.47202
#1	.0246079
#2	.0215093
#3	.0179988

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1997.188	17777.16	836.5965	1471.309	2011.791
Stddev	11.380	74.22	6.0828	6.647	9.313
%RSD	.5697876	.4174746	.7270920	.4518026	.4629053
#1	1987.773	17691.94	830.5078	1473.775	2004.232
#2	1993.956	17827.62	842.6734	1463.781	2008.947
#3	2009.834	17811.90	836.6084	1476.370	2022.194

Reviewed By:mohan
On:1/12/2025 8:52:46 PM
Inst Id :P5

Sample Name: ICSAB056 Acquired: 01/09/2025 16:28:50 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICSAB056 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1057474	.0953406	.0450677	.0556819	.5703733	250.0213
Stddev	.0043569	.0030533	.0040363	.0074066	.0040609	6.4749
%RSD	4.120112	3.202538	8.956022	13.30167	.7119722	2.589755
#1	.1015607	.0970508	.0492433	.0640464	.5746411	257.4852
#2	.1102566	.0918155	.0411869	.0530436	.5665570	246.6668
#3	.1054248	.0971555	.0447728	.0499556	.5699219	245.9119

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5356720	.5336053	.9572904	258.5413	.5754660	.4794380
Stddev	.0153252	.0114617	.0020668	6.3483	.0017017	.0021721
%RSD	2.860925	2.147977	.2158992	2.455417	.2957066	.4530597
#1	.5526567	.5468279	.9576094	265.8670	.5735592	.4769377
#2	.5228782	.5274869	.9550827	255.1042	.5760085	.4805156
#3	.5314812	.5265010	.9591792	254.6526	.5768303	.4808605

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5100925	103.2154	.5176293	264.1130	.9531618	.2048530
Stddev	.0125637	2.5203	.0133596	6.0830	.0022969	.0019010
%RSD	2.463029	2.441742	2.580918	2.303171	.2409712	.9280010
#1	.5245440	106.1253	.5319853	271.1260	.9523775	.2030031
#2	.5017661	101.7905	.5153408	260.9459	.9513599	.2068013
#3	.5039673	101.7303	.5055617	260.2669	.9557481	.2047547

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2575899	.5286163	.9119540	-.327334	.0002730	F -.324806
Stddev	.0219008	.0114744	.0023820	.191926	.0063192	.010002
%RSD	8.502207	2.170648	.2611943	58.63323	2314.627	3.079333
#1	.2785544	.5418046	.9138462	-.247223	.0063683	-.335323
#2	.2593555	.5209205	.9127366	-.188441	-.006249	-.315415
#3	.2348596	.5231239	.9092792	-.546337	.000699	-.323679

Reviewed By:mohan
On:1/12/2025 8:52:46 PM
Inst Id :P5

Sample Name: ICSAB056 Acquired: 01/09/2025 16:28:50 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICSAB056 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0077877	.0274310	-.007075	F .0131289	-.000724	.0063052
Stddev	.0007698	.0064024	.003858	.0012608	.010900	.0011895
%RSD	9.885036	23.33998	54.53223	9.603506	1506.359	18.86596
#1	.0083339	.0348154	-.005281	.0124603	-.009334	.0065152
#2	.0069072	.0240447	-.011504	.0145833	.011532	.0073757
#3	.0081219	.0234328	-.004441	.0123433	-.004369	.0050246

Elem	Li6707
Units	ppm
Avg	.0020669
Stddev	.0024706
%RSD	119.5303
#1	.0015783
#2	-.000123
#3	.004745

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1982.175	17878.37	825.9091	1492.681	2006.742
Stddev	4.469	44.76	19.7996	3.815	6.903
%RSD	.2254800	.2503564	2.397313	.2555706	.3440036
#1	1981.072	17843.65	803.1030	1489.346	2007.424
#2	1987.093	17928.89	838.7037	1496.841	2013.279
#3	1978.361	17862.58	835.9206	1491.855	1999.523

Reviewed By:mohan
On:1/12/2025 8:52:46 PM
Inst Id :P5

Sample Name: CCV138 Acquired: 01/09/2025 16:32:45 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV138 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.926010	4.793179	24.53606	5.024024	4.900037	399.7188
Stddev	.030011	.017705	.06763	.012729	.004755	3.8709
%RSD	.6092378	.3693882	.2756421	.2533613	.0970442	.9684091
#1	4.932932	4.792148	24.54307	5.020074	4.905254	404.1091
#2	4.951956	4.776012	24.46520	5.013737	4.895946	396.7970
#3	4.893143	4.811378	24.59992	5.038259	4.898912	398.2504

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.06798	.5087858	2.473136	404.0253	15.37743	2.376531
Stddev	.07588	.0025271	.004977	2.6441	.05340	.008305
%RSD	.7536492	.4966983	.2012289	.6544275	.3472776	.3494525
#1	10.11148	.5097609	2.473560	406.7686	15.31780	2.374293
#2	9.98037	.5059164	2.467961	401.4931	15.42085	2.369574
#3	10.11210	.5106802	2.477887	403.8143	15.39364	2.385725

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.93146	406.9898	15.04400	410.8687	2.487054	1.260868
Stddev	.10242	2.1409	.05606	1.5042	.002085	.004828
%RSD	.6859345	.5260320	.3726690	.3660982	.0838216	.3829377
#1	15.02326	409.1054	15.08945	411.9153	2.488772	1.256302
#2	14.82099	404.8245	14.98135	409.1450	2.484735	1.265922
#3	14.95013	407.0396	15.06120	411.5460	2.487656	1.260380

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	419.9493	2.496373	14.70857	154.9430	4.906097	F 4.150595
Stddev	4.7978	.022647	.01386	1.1202	.004694	.031523
%RSD	1.142471	.9071968	.0942570	.7229865	.0956774	.7594925
#1	425.4306	2.518079	14.71921	155.7098	4.906323	4.174276
#2	416.5118	2.472890	14.71360	153.6575	4.901294	4.114814
#3	417.9054	2.498149	14.69289	155.4619	4.910674	4.162694

Reviewed By:mohan
On:1/12/2025 8:52:46 PM
Inst Id :P5

Sample Name: CCV138 Acquired: 01/09/2025 16:32:45 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV138 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.842420	4.973875	4.847152	4.965872	5.048343	4.771459
Stddev	.014754	.023757	.030250	.013571	.025436	.038057
%RSD	.3046912	.4776372	.6240868	.2732933	.5038533	.7975932
#1	4.844969	4.954884	4.870717	4.960902	5.077080	4.814403
#2	4.826557	4.966227	4.813040	4.955485	5.028715	4.741911
#3	4.855734	5.000514	4.857698	4.981227	5.039235	4.758064

Elem	Li6707
Units	ppm
Avg	5.060383
Stddev	.037064
%RSD	.7324365
#1	5.076629
#2	5.017970
#3	5.086550

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1813.285	16917.16	817.2165	1368.121	1792.412
Stddev	10.383	12.78	7.0262	1.564	12.824
%RSD	.5725879	.0755161	.8597716	.1143313	.7154448
#1	1814.156	16922.95	810.4002	1366.326	1794.775
#2	1823.204	16902.51	824.4353	1368.838	1803.890
#3	1802.494	16926.01	816.8140	1369.197	1778.571

Reviewed By:mohan
On:1/12/2025 8:52:46 PM
Inst Id :P5

Sample Name: CCB138 Acquired: 01/09/2025 16:36:37 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB138 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001932	-.012040	.0020230	-.008503	-.004146	.0378221
Stddev	.002577	.019661	.0023936	.003001	.002685	.0191363
%RSD	133.4086	163.2944	118.3204	35.29538	64.75786	50.59547
#1	-.001463	.000843	.0035999	-.005279	-.002691	.0376041
#2	.000379	-.002294	.0032003	-.009012	-.002502	.0187958
#3	-.004711	-.034670	-.000731	-.011216	-.007244	.0570664

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.005051	-.000273	.0001065	-.009872	-.000873	.0001869
Stddev	.002669	.000100	.0001585	.075404	.000632	.0005514
%RSD	52.83975	36.57252	148.7950	763.8519	72.38726	295.0214
#1	-.003635	-.000382	.0000392	.075061	-.000143	.0006850
#2	-.003389	-.000187	-.000007	-.068940	-.001247	.0002812
#3	-.008130	-.000248	.000288	-.035736	-.001230	-.000406

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0012442	-.075075	.0086902	.0685832	-.000468	-.000566
Stddev	.0014680	.021675	.0049022	.2271095	.001031	.001203
%RSD	117.9829	28.87126	56.41110	331.1443	220.3991	212.6989
#1	.0029117	-.083727	.0105939	.2486479	-.000572	-.000330
#2	.0001467	-.091087	.0123550	-.186559	-.001443	-.001870
#3	.0006743	-.050410	.0031217	.143661	.000611	.000502

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0676876	.0011149	.0012546	.1672786	-.000421	.0199236
Stddev	.0548188	.0008805	.0004854	.2722503	.001707	.0023099
%RSD	80.98797	78.97589	38.69002	162.7526	405.3930	11.59404
#1	.0421782	.0004456	.0018149	.2345731	-.002272	.0179279
#2	.1306125	.0021124	.0009883	-.132308	.001091	.0193888
#3	.0302720	.0007868	.0009606	.399571	-.000082	.0224540

Reviewed By:mohan
On:1/12/2025 8:52:46 PM
Inst Id :P5

Sample Name: CCB138 Acquired: 01/09/2025 16:36:37 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB138 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0009007	-.002969	-.002520	.0000538	.0122039	-.000066
Stddev	.0005416	.000732	.003131	.0007842	.0043833	.000579
%RSD	60.12922	24.66761	124.2199	1456.814	35.91703	879.6475
#1	.0012958	-.003151	-.006071	.0002967	.0072329	.000599
#2	.0002833	-.002162	-.000157	-.000823	.0155138	-.000338
#3	.0011230	-.003593	-.001333	.000688	.0138651	-.000458

Elem	Li6707
Units	ppm
Avg	F .0296918
Stddev	.0030778
%RSD	10.36575
#1	.0327682
#2	.0296944
#3	.0266127

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2141.090	19665.53	876.2313	1601.612	2515.407
Stddev	4.310	78.62	2.5284	7.021	5.655
%RSD	.2013197	.3998081	.2885580	.4383586	.2248260
#1	2141.458	19608.23	878.8242	1593.695	2519.824
#2	2145.204	19755.16	876.0970	1604.059	2517.364
#3	2136.607	19633.19	873.7727	1607.082	2509.033

Reviewed By:mohan
On:1/12/2025 8:52:46 PM
Inst Id :P5

Sample Name: PB165190BL Acquired: 01/09/2025 16:40:43 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: PBW190 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003566	-.002235	-.005288	-.000499	-.001889	.0212349	-.003624
Stddev	.002394	.002925	.000837	.009471	.003366	.0659352	.004692
%RSD	67.13319	130.8699	15.82438	1897.587	178.1525	310.5041	129.4797
#1	-.005209	-.001284	-.006252	.005066	-.005015	-.047640	-.006279
#2	-.004671	-.005517	-.004750	-.011434	-.002327	.083772	.001794
#3	-.000819	.000096	-.004862	.004871	.001674	.027573	-.006386

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000101	.0000323	.0025358	-.000923	-.000472	-.001084	-.015287
Stddev	.000115	.0000980	.0393498	.000951	.000393	.001024	.023880
%RSD	113.5503	303.0913	1551.760	102.9976	83.18694	94.50833	156.2100
#1	-.000215	.0001383	.0398217	-.002007	-.000300	-.000065	.011741
#2	-.000102	-.000055	.0063813	-.000538	-.000922	-.002113	-.024069
#3	.000014	.000013	-.038596	-.000225	-.000195	-.001073	-.033533

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000649	.1223125	.0002567	-.001095	.0342793	.0007052	-.000767
Stddev	.005844	.1732867	.0001037	.000672	.0211216	.0002633	.000817
%RSD	900.5360	141.6754	40.37381	61.36773	61.61617	37.33561	106.5142
#1	.005862	.3002632	.0003626	-.000442	.0152132	.0009912	-.000415
#2	-.002369	.1125735	.0002521	-.001784	.0306411	.0006515	-.000185
#3	-.005439	-.045899	.0001555	-.001058	.0569838	.0004729	-.001701

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.073507	.0021648	.0070534	.0004603	.0019879	-.001167	-.000330
Stddev	.291201	.0020052	.0016180	.0009799	.0067681	.001706	.000335
%RSD	396.1562	92.62585	22.93894	212.9089	340.4567	146.1712	101.4477
#1	-.397841	.0002255	.0053752	.0015135	-.005717	-.000839	-.000091
#2	.011826	.0020391	.0071817	.0002917	.004710	-.003012	-.000186
#3	.165495	.0042300	.0086035	-.000424	.006972	.000351	-.000713

Reviewed By:mohan
On:1/12/2025 8:52:46 PM
Inst Id :P5

Sample Name: PB165190BL Acquired: 01/09/2025 16:40:43 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: PBW190 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.0097752	-.000117	-.000558
Stddev	.0101531	.000835	.002381
%RSD	103.8668	716.2173	426.3905
#1	.0029124	-.000825	-.002921
#2	.0049747	.000804	-.000594
#3	.0214384	-.000329	.001840

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2169.751	19830.51	884.0798	1631.578	2550.308
Stddev	8.258	68.89	5.1191	12.401	7.599
%RSD	.3806054	.3473983	.5790322	.7600718	.2979591
#1	2161.534	19881.06	879.7515	1645.891	2543.386
#2	2169.670	19752.04	889.7303	1624.045	2549.098
#3	2178.050	19858.42	882.7576	1624.798	2558.439

Reviewed By:mohan
On:1/12/2025 8:52:46 PM
Inst Id :P5

Sample Name: PB165190BS Acquired: 01/09/2025 16:44:49 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCS190 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0239835	.0518567	.0147327	.0510652	.1072379	.4526138
Stddev	.0019289	.0034921	.0001912	.0048891	.0037412	.0484578
%RSD	8.042395	6.734077	1.298113	9.574217	3.488690	10.70621
#1	.0224052	.0550762	.0145149	.0513608	.1102573	.4810427
#2	.0234117	.0523496	.0148099	.0460350	.1030526	.3966621
#3	.0261336	.0481444	.0148733	.0557997	.1084038	.4801368

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4056733	.0101725	.0089031	10.45463	.0194814	.0962777
Stddev	.0021586	.0002274	.0000716	.13151	.0018740	.0004301
%RSD	.5320981	2.235196	.8043938	1.257864	9.619309	.4467511
#1	.4078226	.0101113	.0089517	10.30463	.0205860	.0967738
#2	.4035056	.0099820	.0088209	10.50921	.0205406	.0960514
#3	.4056917	.0104242	.0089367	10.55006	.0173177	.0960081

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0581090	.1807624	.0336836	10.59930	.0732376	.0200442
Stddev	.0003406	.0839402	.0027122	.33570	.0002925	.0004146
%RSD	.5861890	46.43676	8.051897	3.167220	.3994158	2.068189
#1	.0583757	.1687614	.0311240	10.76952	.0734285	.0199360
#2	.0577253	.1034686	.0334008	10.81580	.0729008	.0205021
#3	.0582259	.2700573	.0365261	10.21259	.0733833	.0196945

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.23187	.1073666	.1143011	9.367460	.0146438	F .0023803
Stddev	.06339	.0010961	.0006128	.065386	.0030979	.0048008
%RSD	.5182559	1.020865	.5361380	.6980108	21.15531	201.6867
#1	12.17557	.1067577	.1136364	9.324623	.0141579	.0068792
#2	12.21951	.1067102	.1148436	9.335035	.0179560	.0029359
#3	12.30053	.1086319	.1144234	9.442721	.0118175	-.002674

Reviewed By:mohan
On:1/12/2025 8:52:46 PM
Inst Id :P5

Sample Name: PB165190BS Acquired: 01/09/2025 16:44:49 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCS190 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0203482	.1656855	F 1.071626	.0117485	.2043677	.2093093
Stddev	.0007521	.0036579	.007317	.0020202	.0104652	.0012214
%RSD	3.696154	2.207752	.6828073	17.19559	5.120783	.5835419
#1	.0194908	.1622216	1.074729	.0133522	.2148938	.2083420
#2	.0208962	.1653244	1.063269	.0124138	.2042448	.2089040
#3	.0206578	.1695106	1.076880	.0094795	.1939644	.2106818

Elem	Li6707
Units	ppm
Avg	F .0396115
Stddev	.0036380
%RSD	9.184260
#1	.0437978
#2	.0372163
#3	.0378204

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2131.716	19468.29	882.1687	1613.836	2396.010
Stddev	4.470	60.99	5.3215	10.099	5.621
%RSD	.2096781	.3132662	.6032304	.6257485	.2345907
#1	2127.956	19398.47	881.2303	1622.807	2391.330
#2	2130.534	19511.13	887.8970	1602.899	2394.455
#3	2136.658	19495.28	877.3788	1615.801	2402.244

Reviewed By:mohan
On:1/12/2025 8:52:46 PM
Inst Id :P5

Sample Name: PB165909BL Acquired: 01/09/2025 16:48:52 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: PBS909 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001605	.0004529	-.005560	-.009768	.0017259	-.016263	-.004111
Stddev	.003556	.0026886	.002397	.004016	.0070938	.025337	.003082
%RSD	221.5159	593.6995	43.11348	41.11392	411.0250	155.7953	74.96819
#1	-.002997	-.002643	-.006241	-.007380	.0094665	-.039277	-.002567
#2	-.004255	.002197	-.007542	-.007520	.0001761	.010888	-.007659
#3	.002436	.001805	-.002896	-.014405	-.004465	-.020399	-.002105

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000175	.0000520	.0145096	-.000803	.0000526	-.000247	-.065391
Stddev	.000269	.0000910	.0312275	.000548	.0005275	.001159	.067292
%RSD	153.8781	175.2299	215.2201	68.28231	1003.088	469.2858	102.9060
#1	-.000102	-.000033	.0354578	-.000282	-.000552	.000593	-.056962
#2	-.000472	.000148	.0294526	-.000751	.000422	-.001569	-.002711
#3	.000050	.000041	-.021382	-.001375	.000288	.000235	-.136500

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0035479	-.053180	.0001876	-.001430	.0467273	.0012472	-.001420
Stddev	.0041967	.116231	.0011735	.000576	.0041949	.0005346	.000823
%RSD	118.2856	218.5627	625.6461	40.30933	8.977433	42.86209	57.93261
#1	-.001238	.079790	.0000403	-.001498	.0420260	.0007176	-.001153
#2	.006601	-.103888	.0014277	-.001969	.0480677	.0017866	-.002343
#3	.005280	-.135441	-.000905	-.000822	.0500882	.0012374	-.000764

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.136526	-.000924	-.000216	.0010574	.0007806	-.003174	-.000308
Stddev	.109588	.003468	.000823	.0008259	.0032096	.001872	.001051
%RSD	80.26948	375.2730	381.3310	78.10246	411.1688	58.97834	341.3002
#1	-.045487	-.002008	.000164	.0018845	.0016745	-.005334	-.000283
#2	-.258161	-.003721	-.001160	.0010549	-.002781	-.002026	-.001371
#3	-.105929	.002956	.000349	.0002328	.003448	-.002161	.000730

Reviewed By:mohan
On:1/12/2025 8:52:46 PM
Inst Id :P5

Sample Name: PB165909BL Acquired: 01/09/2025 16:48:52 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: PBS909 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.0021551	.0003057	-.010304
Stddev	.0009883	.0002565	.001933
%RSD	45.85723	83.90503	18.75819
#1	.0014838	.0004288	-.008098
#2	.0016916	.0000109	-.011114
#3	.0032900	.0004775	-.011700

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2192.768	20075.71	891.4495	1645.683	2572.124
Stddev	4.518	92.20	6.1632	5.863	6.105
%RSD	.2060339	.4592847	.6913706	.3562486	.2373690
#1	2188.547	20143.13	893.6788	1650.130	2565.738
#2	2192.223	19970.64	884.4818	1639.039	2572.729
#3	2197.534	20113.37	896.1879	1647.879	2577.904

Reviewed By:mohan
On:1/12/2025 8:52:46 PM
Inst Id :P5

Sample Name: PB165909BS Acquired: 01/09/2025 16:52:59 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCS909 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0201727	.0484723	.0168962	.0596797	.1062029	.4268540
Stddev	.0019415	.0036060	.0010884	.0105032	.0012568	.0567408
%RSD	9.624486	7.439188	6.441567	17.59926	1.183401	13.29279
#1	.0218224	.0444425	.0157776	.0715164	.1073399	.3777070
#2	.0206626	.0513945	.0179516	.0514731	.1064153	.4139049
#3	.0180332	.0495800	.0169593	.0560497	.1048534	.4889502

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3988148	.0099067	.0086457	10.40457	.0194988	.0930702
Stddev	.0017942	.0002341	.0001774	.03095	.0006417	.0003556
%RSD	.4498908	2.362636	2.052134	.2974990	3.291192	.3820954
#1	.3999997	.0101626	.0086594	10.41910	.0188989	.0933937
#2	.3996942	.0098542	.0088158	10.42559	.0194220	.0931274
#3	.3967505	.0097034	.0084618	10.36903	.0201754	.0926894

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0580692	.1533972	.0351313	10.45923	.0709480	.0177438
Stddev	.0006243	.0888096	.0084350	.22256	.0013593	.0014730
%RSD	1.075079	57.89519	24.00997	2.127853	1.915866	8.301606
#1	.0573706	.0572624	.0328220	10.35867	.0722944	.0184988
#2	.0582648	.2323794	.0444804	10.71432	.0695762	.0160463
#3	.0585723	.1705498	.0280915	10.30470	.0709734	.0186862

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.18845	.1068773	.1131159	9.688018	F .0120156	F -.000328
Stddev	.12903	.0022483	.0003795	.251417	.0027781	.004191
%RSD	1.058598	2.103653	.3355230	2.595132	23.12082	1277.266
#1	12.22382	.1074514	.1133907	9.602147	.0090546	-.003058
#2	12.29610	.1087829	.1132742	9.490786	.0124272	.004497
#3	12.04542	.1043976	.1126829	9.971120	.0145649	-.002423

Reviewed By:mohan
On:1/12/2025 8:52:46 PM
Inst Id :P5

Sample Name: PB165909BS Acquired: 01/09/2025 16:52:59 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCS909 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0211942	.1634484	F 1.071073	.0115993	.2068504	.2100131
Stddev	.0006179	.0036203	.015293	.0005867	.0141135	.0011825
%RSD	2.915210	2.214930	1.427841	5.057677	6.823033	.5630734
#1	.0219061	.1595632	1.063028	.0110168	.1981477	.2103334
#2	.0208791	.1667272	1.088709	.0121900	.1992691	.2110025
#3	.0207974	.1640549	1.061480	.0115913	.2231344	.2087035

Elem	Li6707
Units	ppm
Avg	.0254467
Stddev	.0052585
%RSD	20.66479
#1	.0193810
#2	.0287193
#3	.0282397

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2169.899	19822.96	878.7525	1627.126	2431.698
Stddev	4.881	57.48	4.5173	6.251	2.091
%RSD	.2249492	.2899591	.5140570	.3841989	.0859703
#1	2165.352	19806.94	877.0242	1624.303	2432.409
#2	2175.057	19886.76	875.3545	1634.291	2433.341
#3	2169.289	19775.20	883.8788	1622.785	2429.345

Reviewed By:mohan
On:1/12/2025 8:52:46 PM
Inst Id :P5

Sample Name: PB165921BL Acquired: 01/09/2025 16:57:03 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: PBS921 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003882	.0017381	-.004877	-.000583	.0010360	.0044804	-.003032
Stddev	.002465	.0004361	.002423	.005320	.0026236	.0485810	.003537
%RSD	63.51138	25.08771	49.67834	912.9301	253.2457	1084.312	116.6559
#1	-.004848	.0013403	-.004502	-.006165	.0020613	-.013830	-.004035
#2	-.001080	.0016697	-.002664	-.000012	.0029921	-.032285	-.005960
#3	-.005718	.0022044	-.007467	.004429	-.001945	.059556	.000898

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000104	.0000880	.0089798	-.000075	.0002012	-.000570	.0412723
Stddev	.000163	.0001334	.0426853	.000538	.0001145	.000473	.0777781
%RSD	156.9853	151.6782	475.3471	714.7911	56.93652	83.05175	188.4509
#1	.000014	.0002419	.0297028	.000264	.0000941	-.000595	.0568737
#2	-.000290	.0000174	-.040111	-.000696	.0001874	-.000084	.1100672
#3	-.000035	.0000047	.037348	.000206	.0003220	-.001030	-.043124

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0038069	.3097780	.0003570	-.001575	.0259026	.0005727	-.000418
Stddev	.0037149	.1873982	.0006572	.001453	.0258599	.0009572	.000293
%RSD	97.58125	60.49437	184.0874	92.25028	99.83509	167.1490	70.12578
#1	.0041900	.0965480	-.000170	-.003220	-.000706	.0014368	-.000628
#2	-.000085	.4482963	.000148	-.000469	.027471	.0007375	-.000083
#3	.007315	.3844897	.001093	-.001035	.050943	-.000456	-.000544

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.406246	-.002067	.0012164	-.000073	-.000310	.0011470	-.000774
Stddev	.093780	.002721	.0053716	.000743	.003086	.0044531	.000683
%RSD	23.08448	131.6578	441.6028	1021.163	995.8342	388.2451	88.23435
#1	-.423256	-.001963	-.003361	-.000930	.003130	.0044469	.000014
#2	-.490356	.000601	.007130	.000314	-.002834	.0029120	-.001151
#3	-.305125	-.004839	-.000119	.000397	-.001226	-.003918	-.001187

Reviewed By:mohan
On:1/12/2025 8:52:46 PM
Inst Id :P5

Sample Name: PB165921BL Acquired: 01/09/2025 16:57:03 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: PBS921 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.0023647	.0002541	-.005152
Stddev	.0018923	.0002416	.010925
%RSD	80.02146	95.09007	212.0603
#1	.0001846	.0000051	.007460
#2	.0033279	.0004876	-.011212
#3	.0035817	.0002697	-.011702

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2193.596	19978.56	879.1354	1637.653	2573.629
Stddev	13.811	117.88	2.6339	12.760	12.033
%RSD	.6295914	.5900196	.2996050	.7791661	.4675393
#1	2206.581	20005.63	881.6546	1645.714	2581.690
#2	2195.120	19849.50	876.4000	1622.942	2579.400
#3	2179.086	20080.54	879.3515	1644.305	2559.798

Reviewed By:mohan
On:1/12/2025 8:52:46 PM
Inst Id :P5

Sample Name: PB165920BL Acquired: 01/09/2025 17:05:13 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: PBS920 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001522	-.000061	-.001453	-.007319	-.000200	-.037556	-.008279
Stddev	.000970	.001082	.002731	.004612	.002568	.048317	.001255
%RSD	63.75799	1761.798	187.9576	63.01807	1285.667	128.6525	15.16354
#1	-.002639	-.001233	-.002737	-.002217	-.001320	-.012742	-.009183
#2	-.000897	.000899	-.003304	-.011193	.002738	-.093238	-.008809
#3	-.001029	.000150	.001683	-.008547	-.002017	-.006688	-.006846

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000326	-.000005	.0414232	-.001627	.0002109	-.001517	-.029643
Stddev	.000038	.000064	.0617222	.001406	.0004266	.001363	.054418
%RSD	11.55728	1380.645	149.0039	86.41142	202.2611	89.81019	183.5815
#1	-.000367	.000046	.0813780	-.000507	.0004767	-.001282	-.035831
#2	-.000319	.000017	-.029665	-.003204	-.000281	-.000288	.027606
#3	-.000293	-.000077	.072557	-.001169	.000437	-.002983	-.080702

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0023162	-.187986	-.000183	-.001265	.0125779	.0014521	-.000307
Stddev	.0092178	.248527	.000188	.000878	.0128653	.0007127	.000946
%RSD	397.9710	132.2053	103.0145	69.44989	102.2854	49.08347	308.0034
#1	-.007677	-.045248	-.000366	-.002119	.0095118	.0016545	.000339
#2	.004140	-.043750	.000010	-.001310	.0266992	.0020417	-.001393
#3	.010486	-.474959	-.000192	-.000365	.0015226	.0006600	.000133

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.227611	-.000285	.0030045	.0010147	-.001246	-.003212	-.001878
Stddev	.305982	.001335	.0015780	.0005116	.006035	.003542	.001921
%RSD	134.4321	467.8985	52.51940	50.41924	484.3282	110.2583	102.3018
#1	-.279028	-.000749	.0047299	.0009392	.002250	.000686	-.001676
#2	.100822	-.001326	.0026489	.0005451	-.008214	-.004091	-.003893
#3	-.504626	.001219	.0016347	.0015599	.002226	-.006231	-.000066

Reviewed By:mohan
On:1/12/2025 8:52:46 PM
Inst Id :P5

Sample Name: PB165920BL Acquired: 01/09/2025 17:05:13 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: PBS920 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.0148009	-.000231	-.014092
Stddev	.0072972	.000390	.002533
%RSD	49.30260	168.7990	17.97436
#1	.0074115	.000192	-.012538
#2	.0149887	-.000577	-.017015
#3	.0220023	-.000308	-.012723

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2174.860	19774.51	891.4364	1639.754	2560.570
Stddev	3.974	85.00	1.6247	7.748	7.910
%RSD	.1827398	.4298247	.1822574	.4724976	.3089051
#1	2171.838	19843.61	891.9333	1641.034	2551.763
#2	2179.362	19679.60	892.7545	1631.446	2567.070
#3	2173.379	19800.32	889.6212	1646.783	2562.876

Reviewed By:mohan
On:1/12/2025 8:52:46 PM
Inst Id :P5

Sample Name: PB165920BS Acquired: 01/09/2025 17:17:48 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCS920 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0232061	.0485544	.0157605	.0548394	.1099297	.3634271
Stddev	.0068468	.0019989	.0015118	.0044506	.0039988	.0249457
%RSD	29.50415	4.116772	9.592172	8.115709	3.637625	6.864030
#1	.0289203	.0462563	.0172227	.0598942	.1055372	.3360798
#2	.0156173	.0495173	.0158552	.0515088	.1133589	.3849356
#3	.0250807	.0498895	.0142036	.0531154	.1108930	.3692659

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4069631	.0102164	.0089096	10.54239	.0200036	.0962355
Stddev	.0021729	.0002893	.0000616	.07477	.0013317	.0003211
%RSD	.5339438	2.831949	.6912646	.7091851	6.657490	.3336715
#1	.4055480	.0105158	.0088541	10.62566	.0215328	.0958808
#2	.4094650	.0101952	.0088990	10.52051	.0193789	.0963194
#3	.4058763	.0099383	.0089759	10.48101	.0190990	.0965063

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0577238	.2397426	.0333567	10.65237	.0732035	.0180644
Stddev	.0018265	.0551615	.0014092	.10279	.0009973	.0011443
%RSD	3.164282	23.00862	4.224681	.9649608	1.362330	6.334276
#1	.0592462	.3034105	.0331900	10.71770	.0737595	.0174501
#2	.0582267	.2095165	.0320384	10.70553	.0737988	.0173585
#3	.0556985	.2063009	.0348419	10.53389	.0720522	.0193846

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.22323	.1082698	.1153596	9.471389	.0154037	F .0004020
Stddev	.12050	.0019250	.0004758	.181029	.0014627	.0020718
%RSD	.9858008	1.777989	.4124309	1.911320	9.496021	515.4012
#1	12.30055	.1098195	.1149937	9.531140	.0164243	-.001543
#2	12.28474	.1088750	.1158975	9.268038	.0137279	.000167
#3	12.08439	.1061149	.1151877	9.614988	.0160589	.002581

Reviewed By:mohan
On:1/12/2025 8:52:46 PM
Inst Id :P5

Sample Name: PB165920BS Acquired: 01/09/2025 17:17:48 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCS920 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0203920	.1633843	F 1.081690	.0115222	.1998532	.2115214
Stddev	.0007444	.0060784	.017899	.0022857	.0029092	.0008896
%RSD	3.650402	3.720284	1.654715	19.83763	1.455666	.4205622
#1	.0199654	.1569499	1.087839	.0100733	.1968239	.2112372
#2	.0199590	.1690295	1.095704	.0103362	.2026252	.2125184
#3	.0212515	.1641735	1.061527	.0141572	.2001105	.2108087

Elem	Li6707
Units	ppm
Avg	F .0169982
Stddev	.0093444
%RSD	54.97293
#1	.0072827
#2	.0177907
#3	.0259210

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2157.894	19634.19	883.3778	1612.302	2417.055
Stddev	7.708	80.51	7.7439	7.081	6.404
%RSD	.3571991	.4100427	.8766208	.4391566	.2649605
#1	2163.527	19643.11	877.7333	1617.500	2421.271
#2	2161.045	19709.86	880.1939	1615.168	2420.209
#3	2149.110	19549.59	892.2061	1604.237	2409.686

Reviewed By:mohan
On:1/12/2025 8:52:46 PM
Inst Id :P5

Sample Name: P5207-13 Acquired: 01/09/2025 17:25:48 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHN39 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1405368	-.040496	.1798083	.0943624	.0740198	96.82663	.6030966
Stddev	.0019130	.005489	.0036601	.0096456	.0035416	.10028	.0061855
%RSD	1.361237	13.55570	2.035561	10.22186	4.784596	.1035650	1.025624
#1	.1424791	-.041617	.1829367	.0845435	.0709723	96.90058	.5994729
#2	.1386544	-.034532	.1807051	.1038248	.0779052	96.86683	.6102388
#3	.1404769	-.045338	.1757832	.0947188	.0731821	96.71249	.5995783

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0053050	.0023735	752.0198	.4182517	.1265238	.9104722	258.3248
Stddev	.0001921	.0003398	3.9120	.0011543	.0021714	.0004341	.6577
%RSD	3.620920	14.31478	.5201933	.2759818	1.716212	.0476799	.2546065
#1	.0052768	.0026087	747.5045	.4195671	.1290026	.9102801	257.5819
#2	.0051286	.0019840	754.3894	.4177805	.1256115	.9109692	258.5595
#3	.0055096	.0025280	754.1655	.4174075	.1249574	.9101672	258.8329

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.396641	256.5107	.2266410	.0070523	1.273974	.4567224	.7133744
Stddev	.029950	.4471	.0011086	.0011046	.017281	.0025805	.0003010
%RSD	.4682173	.1742981	.4891373	15.66263	1.356434	.5650019	.0421944
#1	6.362983	256.2798	.2272617	.0083274	1.256711	.4549919	.7132334
#2	6.420354	257.0261	.2273002	.0063869	1.273938	.4596884	.7131698
#3	6.406585	256.2263	.2253611	.0064428	1.291272	.4554869	.7137201

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	51.58864	7.153682	-.739494	.0071161	1.697728	9.620147	.0876103
Stddev	.49649	.036338	.006154	.0007724	.008489	.034480	.0022409
%RSD	.9624077	.5079690	.8321959	10.85400	.4999929	.3584141	2.557833
#1	51.01660	7.192421	-.746592	.0079977	1.707234	9.642179	.0851390
#2	51.90758	7.148275	-.735659	.0065587	1.690904	9.637850	.0881819
#3	51.84174	7.120350	-.736230	.0067919	1.695047	9.580411	.0895101

Reviewed By:mohan
On:1/12/2025 8:52:46 PM
Inst Id :P5

Sample Name: P5207-13 Acquired: 01/09/2025 17:25:48 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHN39 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	24.90940	.2473194	.1059794
Stddev	.04611	.0006895	.0048104
%RSD	.1851008	.2788028	4.538987
#1	24.85773	.2467882	.1038311
#2	24.94637	.2480987	.1114896
#3	24.92408	.2470713	.1026175

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2257.382	20395.83	977.5412	1697.595	1877.109
Stddev	3.702	61.05	4.4119	7.960	7.656
%RSD	.1640088	.2993498	.4513298	.4688925	.4078474
#1	2253.140	20436.50	976.9930	1700.256	1868.528
#2	2259.038	20325.62	973.4289	1688.646	1879.558
#3	2259.967	20425.36	982.2016	1703.883	1883.240

Reviewed By:mohan
On:1/12/2025 8:52:46 PM
Inst Id :P5

Sample Name: PB165921BS Acquired: 01/09/2025 17:29:35 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCS921 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0206465	.0505926	.0146884	.0562970	.1044248	.3608336
Stddev	.0056645	.0022349	.0007359	.0039098	.0037413	.0246911
%RSD	27.43574	4.417534	5.010392	6.944986	3.582784	6.842789
#1	.0152497	.0529262	.0154402	.0553437	.1040692	.3491239
#2	.0265453	.0503803	.0146557	.0605953	.1008740	.3441759
#3	.0201444	.0484715	.0139694	.0529519	.1083313	.3892009

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3972624	.0100177	.0084749	10.40639	.0198104	.0937702
Stddev	.0037612	.0001247	.0000434	.11330	.0005493	.0007224
%RSD	.9467755	1.244481	.5118324	1.088726	2.772519	.7703461
#1	.4013846	.0101075	.0084477	10.53630	.0204044	.0929406
#2	.3940171	.0098753	.0084520	10.32808	.0193209	.0942599
#3	.3963854	.0100702	.0085249	10.35480	.0197058	.0941101

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0566352	.1925721	.0297282	10.46160	.0702786	.0185417
Stddev	.0014853	.0680476	.0014576	.31701	.0008350	.0007850
%RSD	2.622645	35.33615	4.903215	3.030244	1.188106	4.233724
#1	.0556644	.2626770	.0285753	10.32288	.0694066	.0191778
#2	.0583451	.1267878	.0292425	10.23760	.0703586	.0187830
#3	.0558962	.1882515	.0313666	10.82433	.0710708	.0176644

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.16062	.1059323	.1116625	9.473978	.0168639	F -.004053
Stddev	.18664	.0025370	.0021037	.155042	.0016616	.008662
%RSD	1.534752	2.394907	1.884020	1.636503	9.853027	213.7051
#1	12.37607	.1088392	.1132338	9.544165	.0149676	.002271
#2	12.04860	.1041644	.1124811	9.581514	.0180650	-.000505
#3	12.05720	.1047933	.1092724	9.296254	.0175591	-.013927

Reviewed By:mohan
On:1/12/2025 8:52:46 PM
Inst Id :P5

Sample Name: PB165921BS Acquired: 01/09/2025 17:29:35 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCS921 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0198371	.1604543	F 1.062199	.0099435	.2052998	.2069717
Stddev	.0008847	.0068870	.017760	.0011737	.0040091	.0028355
%RSD	4.459798	4.292179	1.671959	11.80341	1.952805	1.370004
#1	.0191053	.1667013	1.082378	.0105892	.2032509	.2101843
#2	.0195858	.1530691	1.048947	.0106526	.2099194	.2059126
#3	.0208203	.1615927	1.055272	.0085888	.2027293	.2048181

Elem	Li6707
Units	ppm
Avg	.0252589
Stddev	.0033128
%RSD	13.11552
#1	.0274611
#2	.0268666
#3	.0214490

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2145.652	19526.72	873.1131	1612.164	2420.647
Stddev	9.446	154.60	8.3421	9.089	9.047
%RSD	.4402475	.7917388	.9554489	.5637740	.3737494
#1	2134.760	19684.59	863.6576	1610.558	2410.261
#2	2151.597	19375.61	876.2485	1603.985	2424.868
#3	2150.599	19519.96	879.4333	1621.949	2426.812

Reviewed By:mohan
On:1/12/2025 8:52:46 PM
Inst Id :P5

Sample Name: P5207-14 Acquired: 01/09/2025 17:33:30 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHN39D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1421386	-.039334	.1829495	.0901336	.0737400	98.61835	.6200739
Stddev	.0060424	.003692	.0038555	.0106302	.0023328	.66854	.0058647
%RSD	4.251082	9.385706	2.107401	11.79379	3.163581	.6779036	.9458017
#1	.1399432	-.042544	.1793628	.0803972	.0715153	98.42184	.6170726
#2	.1375007	-.035300	.1870268	.0885287	.0761677	99.36312	.6268318
#3	.1489718	-.040160	.1824589	.1014750	.0735372	98.07009	.6163173

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0054713	.0024688	769.6416	.4236967	.1323826	.9242676	260.9179
Stddev	.0001321	.0000826	5.5180	.0011367	.0026329	.0051519	1.4695
%RSD	2.414736	3.347368	.7169521	.2682855	1.988824	.5574053	.5631936
#1	.0054380	.0025060	766.7872	.4235785	.1296836	.9276999	260.2868
#2	.0053591	.0023741	776.0021	.4248879	.1325205	.9267593	262.5975
#3	.0056170	.0025263	766.1355	.4226237	.1349439	.9183435	259.8694

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.507775	261.0476	.2324976	.0058273	1.257863	.4604029	.7229731
Stddev	.030352	1.6932	.0022534	.0015575	.018799	.0022792	.0013092
%RSD	.4663929	.6486137	.9692245	26.72816	1.494550	.4950368	.1810878
#1	6.489473	260.1053	.2307210	.0040604	1.236784	.4626311	.7244434
#2	6.542810	263.0023	.2317395	.0064205	1.263909	.4605017	.7225427
#3	6.491041	260.0351	.2350323	.0070012	1.272895	.4580760	.7219333

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	52.61663	7.346747	-.736000	.0063929	1.732708	10.32593	.0871264
Stddev	.41539	.060469	.009877	.0006192	.015411	.04198	.0015561
%RSD	.7894735	.8230730	1.341967	9.685734	.8893954	.4065416	1.786041
#1	52.38916	7.281146	-.745464	.0071037	1.723610	10.36313	.0880301
#2	53.09608	7.358838	-.725757	.0059708	1.724011	10.33424	.0853295
#3	52.36466	7.400257	-.736778	.0061041	1.750501	10.28042	.0880194

Reviewed By:mohan
On:1/12/2025 8:52:46 PM
Inst Id :P5

Sample Name: P5207-14 Acquired: 01/09/2025 17:33:30 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHN39D Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	25.28914	.2532890	.1113226
Stddev	.12666	.0015109	.0053978
%RSD	.5008354	.5965257	4.848769
#1	25.20134	.2532786	.1157202
#2	25.43434	.2548051	.1052987
#3	25.23176	.2517833	.1129490

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2243.995	20312.22	977.5042	1693.296	1860.734
Stddev	13.978	63.04	5.0912	4.562	15.808
%RSD	.6229053	.3103314	.5208340	.2694329	.8495762
#1	2255.380	20384.94	979.2577	1698.415	1874.140
#2	2248.211	20273.30	971.7680	1689.659	1864.760
#3	2228.395	20278.40	981.4869	1691.813	1843.302

Reviewed By:mohan
On:1/12/2025 8:52:46 PM
Inst Id :P5

Sample Name: P5207-13LX5 Acquired: 01/09/2025 17:37:14 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHN39L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0237578	.0062923	.0411525	-.010931	.0136929	22.95482	.1397038
Stddev	.0019186	.0025008	.0020213	.001194	.0028630	.11160	.0051691
%RSD	8.075753	39.74391	4.911607	10.92407	20.90867	.4861656	3.700059
#1	.0259437	.0082476	.0419235	-.011800	.0169975	22.99803	.1445298
#2	.0223526	.0034744	.0388592	-.011424	.0121219	23.03835	.1342490
#3	.0229770	.0071550	.0426747	-.009570	.0119594	22.82807	.1403325

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0013252	.0003398	180.3248	.0982012	.0459176	.2297641	61.48963
Stddev	.0002414	.0000917	.7564	.0010890	.0013311	.0017404	.04097
%RSD	18.21313	26.98357	.4194862	1.108971	2.898836	.7574789	.0666318
#1	.0014998	.0003032	180.9041	.0971893	.0468303	.2317621	61.52592
#2	.0010498	.0002721	180.6012	.0980606	.0443903	.2285775	61.44520
#3	.0014261	.0004441	179.4690	.0993537	.0465323	.2289528	61.49777

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.551432	62.98605	.0434478	.0021544	.3411417	.1091802	.1653096
Stddev	.018005	.73192	.0012319	.0002569	.0125214	.0015993	.0027962
%RSD	1.160548	1.162029	2.835292	11.92383	3.670428	1.464804	1.691473
#1	1.559494	63.28137	.0448467	.0024289	.3409720	.1104902	.1640446
#2	1.563997	63.52417	.0425251	.0019199	.3287060	.1073980	.1685147
#3	1.530804	62.15261	.0429717	.0021144	.3537470	.1096525	.1633695

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.15796	1.355524	-.192177	.0064537	.3327019	2.337203	.0222775
Stddev	.29410	.010167	.002259	.0006004	.0058212	.011632	.0008066
%RSD	2.635743	.7500178	1.175511	9.303238	1.749679	.4976966	3.620788
#1	11.47555	1.365603	-.191827	.0070666	.3388358	2.347285	.0228076
#2	11.10329	1.355696	-.190113	.0058667	.3320158	2.324476	.0213492
#3	10.89503	1.345272	-.194591	.0064276	.3272542	2.339847	.0226757

Reviewed By:mohan
On:1/12/2025 8:52:46 PM
Inst Id :P5

Sample Name: P5207-13LX5 Acquired: 01/09/2025 17:37:14 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHN39L Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	5.799054	.0580862	.0205785
Stddev	.017926	.0009873	.0015413
%RSD	.3091159	1.699708	7.490111
#1	5.804837	.0585945	.0202483
#2	5.813375	.0587158	.0192290
#3	5.778951	.0569484	.0222582

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2131.054	19441.04	883.5206	1589.125	2148.526
Stddev	15.296	23.97	5.6688	11.097	16.537
%RSD	.7177437	.1233103	.6416200	.6982796	.7697114
#1	2115.659	19417.22	877.0442	1592.408	2130.307
#2	2146.248	19440.73	885.9353	1576.757	2162.590
#3	2131.253	19465.16	887.5822	1598.210	2152.679

Reviewed By:mohan
On:1/12/2025 8:52:46 PM
Inst Id :P5

Sample Name: P5207-15 Acquired: 01/09/2025 17:41:04 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHN39S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2349120	.0487766	.2249754	.2521197	.2379424	103.2652	4.031375
Stddev	.0068834	.0010176	.0023222	.0060939	.0039358	.2366	.007425
%RSD	2.930193	2.086353	1.032220	2.417071	1.654102	.2291007	.1841765
#1	.2389868	.0478336	.2268942	.2530902	.2349027	103.3949	4.039123
#2	.2269646	.0498553	.2256382	.2576702	.2365364	102.9921	4.030680
#3	.2387846	.0486408	.2223938	.2455988	.2423881	103.4085	4.024323

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0916918	.0986765	765.5121	.7694984	1.114025	1.348883	266.2765
Stddev	.0005919	.0000507	1.7381	.0013972	.001760	.010199	.7973
%RSD	.6455465	.0513710	.2270446	.1815762	.1579403	.7560731	.2994431
#1	.0922133	.0986564	766.9440	.7681882	1.114823	1.360657	266.1515
#2	.0910485	.0986389	763.5784	.7693382	1.112008	1.343173	265.5490
#3	.0918137	.0987341	766.0140	.7709689	1.115245	1.342818	267.1289

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.423697	263.7494	1.214054	.0710227	1.248012	1.358181	1.523638
Stddev	.021779	.6386	.000437	.0013198	.012925	.008171	.008011
%RSD	.2933743	.2421129	.0360166	1.858231	1.035612	.6016455	.5257608
#1	7.419072	263.1626	1.213641	.0696883	1.262437	1.365880	1.521844
#2	7.404602	263.6562	1.214009	.0723273	1.237486	1.349608	1.516676
#3	7.447417	264.4295	1.214512	.0710524	1.244113	1.359055	1.532393

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	52.57973	7.360100	-.759282	.0069700	1.767296	10.78377	.0903314
Stddev	.33376	.010762	.008725	.0001126	.011395	.07869	.0005827
%RSD	.6347601	.1462161	1.149172	1.614761	.6447980	.7296764	.6450523
#1	52.43786	7.348618	-.763992	.0070399	1.761404	10.87386	.0906236
#2	52.96098	7.361725	-.749214	.0068402	1.760053	10.74895	.0896604
#3	52.34034	7.369957	-.764642	.0070300	1.780431	10.72851	.0907101

Reviewed By:mohan
On:1/12/2025 8:52:46 PM
Inst Id :P5

Sample Name: P5207-15 Acquired: 01/09/2025 17:41:04 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHN39S Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	25.63230	.2541240	.1092324
Stddev	.04769	.0006144	.0020551
%RSD	.1860435	.2417760	1.881434
#1	25.62682	.2538347	.1115783
#2	25.58759	.2537077	.1083690
#3	25.68249	.2548297	.1077498

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2262.020	20684.82	975.3992	1701.104	1874.626
Stddev	1.300	36.58	8.9533	12.156	1.733
%RSD	.0574723	.1768469	.9179111	.7145781	.0924244
#1	2263.456	20691.76	965.4345	1699.557	1873.665
#2	2260.923	20717.43	982.7668	1713.960	1876.626
#3	2261.680	20645.27	977.9963	1689.797	1873.588

Reviewed By:mohan
On:1/12/2025 8:52:46 PM
Inst Id :P5

Sample Name: P5198-05 Acquired: 01/09/2025 17:44:48 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHMP0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1642387	-.026182	1.400433	.1155399	.0450051	97.15752	1.904022
Stddev	.0064575	.000295	.003645	.0078383	.0023648	.33465	.007877
%RSD	3.931767	1.125914	.2602577	6.784072	5.254520	.3444440	.4137136
#1	.1677343	-.025884	1.404179	.1231485	.0425753	97.45842	1.895119
#2	.1681949	-.026188	1.396898	.1159808	.0451410	97.21704	1.906863
#3	.1567870	-.026474	1.400224	.1074905	.0472990	96.79710	1.910085

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0090078	.0102150	73.11051	.1348605	.0570252	.2270216	214.7577
Stddev	.0005263	.0001716	.06378	.0005621	.0008140	.0031793	.5032
%RSD	5.842687	1.679637	.0872373	.4168096	1.427535	1.400447	.2343039
#1	.0087302	.0103308	73.07809	.1354358	.0563114	.2258752	215.2705
#2	.0096148	.0100179	73.06946	.1348331	.0568524	.2306152	214.7378
#3	.0086784	.0102964	73.18399	.1343126	.0579118	.2245746	214.2647

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.73151	28.84547	.1826160	.0076266	.6623428	.2041708	1.467487
Stddev	.01259	.50940	.0004634	.0007914	.0225171	.0018151	.007980
%RSD	.0752457	1.765964	.2537797	10.37718	3.399614	.8889985	.5438066
#1	16.72903	29.17423	.1822209	.0069716	.6509691	.2025154	1.462615
#2	16.72035	29.10350	.1831261	.0085060	.6882781	.2061117	1.476697
#3	16.74516	28.25869	.1825011	.0074023	.6477812	.2038852	1.463150

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.040927	5.945387	-.683737	.0100615	1.849213	13.94962	.0750139
Stddev	.301737	.009625	.010163	.0001162	.006339	.14281	.0019697
%RSD	4.994885	.1618870	1.486390	1.154527	.3427704	1.023727	2.625733
#1	5.709150	5.941123	-.683333	.0101043	1.841922	13.85782	.0735380
#2	6.114684	5.956407	-.694096	.0099300	1.853407	14.11415	.0772505
#3	6.298948	5.938630	-.673782	.0101501	1.852311	13.87688	.0742533

Reviewed By:mohan
On:1/12/2025 8:52:46 PM
Inst Id :P5

Sample Name: P5198-05 Acquired: 01/09/2025 17:44:48 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHMP0 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.5704119	-.034298	.0866733
Stddev	.0118020	.000489	.0068398
%RSD	2.069024	1.424917	7.891498
#1	.5644916	-.033740	.0792718
#2	.5840021	-.034646	.0879872
#3	.5627419	-.034509	.0927608

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2966.596	26776.18	1216.082	2219.721	2305.568
Stddev	6.132	91.66	7.838	3.536	3.046
%RSD	.2067037	.3423062	.6445424	.1592795	.1321181
#1	2972.344	26670.36	1216.973	2216.586	2308.698
#2	2960.141	26827.43	1207.836	2219.025	2302.614
#3	2967.303	26830.75	1223.436	2223.553	2305.391

Reviewed By:mohan
On:1/12/2025 8:52:46 PM
Inst Id :P5

Sample Name: P5198-06 Acquired: 01/09/2025 17:48:35 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHMP0D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1651318	-.022885	1.395006	.1180786	.0434176	96.25190	1.908956
Stddev	.0053833	.003737	.001351	.0031832	.0057830	.30887	.002067
%RSD	3.260003	16.33016	.0968755	2.695861	13.31937	.3209002	.1082658
#1	.1677186	-.024901	1.395430	.1210719	.0456978	96.22013	1.906744
#2	.1687334	-.025181	1.396096	.1184294	.0368421	96.57543	1.910838
#3	.1589434	-.018573	1.393494	.1147345	.0477129	95.96015	1.909286

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0089539	.0101837	72.83534	.1340253	.0558886	.2258180	213.3060
Stddev	.0003873	.0000861	.12719	.0008596	.0008811	.0022368	1.2188
%RSD	4.325147	.8459786	.1746263	.6413860	1.576516	.9905228	.5714012
#1	.0093795	.0102694	72.86387	.1335024	.0553257	.2283647	213.9890
#2	.0086222	.0100971	72.94584	.1350175	.0554361	.2249176	214.0302
#3	.0088601	.0101845	72.69631	.1335562	.0569040	.2241717	211.8988

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.59819	28.53026	.1814875	.0097925	.6562807	.2053459	1.454911
Stddev	.03542	.17235	.0010706	.0004522	.0039333	.0012029	.003763
%RSD	.2133765	.6041004	.5898737	4.617301	.5993324	.5858105	.2586627
#1	16.58997	28.33155	.1806287	.0099597	.6607238	.2066805	1.455449
#2	16.63699	28.63918	.1826869	.0101371	.6532435	.2050122	1.450907
#3	16.56761	28.62005	.1811468	.0092805	.6548749	.2043451	1.458376

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.952891	5.908843	-.691915	.0095622	1.836911	14.01162	.0737072
Stddev	.061281	.005955	.012009	.0017186	.008233	.09511	.0013572
%RSD	1.029437	.1007891	1.735572	17.97301	.4481962	.6787714	1.841412
#1	5.959780	5.914022	-.705643	.0102099	1.844072	14.11607	.0743215
#2	5.888456	5.910171	-.683360	.0076139	1.827915	13.98878	.0746487
#3	6.010436	5.902335	-.686741	.0108629	1.838745	13.93002	.0721514

Reviewed By:mohan
On:1/12/2025 8:52:46 PM
Inst Id :P5

Sample Name: P5198-06 Acquired: 01/09/2025 17:48:35 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHMP0D Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.5718507	-.034450	.0864203
Stddev	.0064953	.000672	.0091696
%RSD	1.135834	1.950135	10.61042
#1	.5675794	-.034908	.0771910
#2	.5793254	-.034763	.0865410
#3	.5686473	-.033678	.0955289

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2963.517	26830.92	1217.633	2239.689	2305.385
Stddev	.346	69.10	5.674	10.109	.877
%RSD	.0116679	.2575565	.4660044	.4513712	.0380603
#1	2963.887	26906.56	1213.090	2251.356	2306.273
#2	2963.460	26771.08	1215.817	2234.170	2304.519
#3	2963.203	26815.14	1223.993	2233.540	2305.363

Reviewed By:mohan
On:1/12/2025 8:52:46 PM
Inst Id :P5

Sample Name: P5198-05LX5 Acquired: 01/09/2025 17:52:22 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHMP0L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0347352	-.005499	.2801995	.0237493	.0078294	25.29570	.4923912
Stddev	.0085122	.002145	.0033463	.0028385	.0015022	.36590	.0036280
%RSD	24.50598	38.99553	1.194267	11.95182	19.18662	1.446507	.7368132
#1	.0281905	-.007925	.2839023	.0254233	.0089124	24.87427	.4883333
#2	.0443584	-.003856	.2773916	.0253526	.0061145	25.48022	.4953215
#3	.0316567	-.004716	.2793045	.0204720	.0084613	25.53260	.4935187

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0023172	.0018608	19.10487	.0339558	.0108501	.0618833	55.44451
Stddev	.0002458	.0001409	.12468	.0019607	.0003260	.0020358	.67029
%RSD	10.60715	7.574030	.6526122	5.774345	3.004796	3.289694	1.208934
#1	.0025890	.0020091	18.96091	.0337160	.0110870	.0602281	54.67796
#2	.0021107	.0017287	19.17611	.0360254	.0104783	.0641564	55.73509
#3	.0022518	.0018445	19.17761	.0321260	.0109849	.0612654	55.92048

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.381239	7.831958	.0350386	.0016044	.1443822	.0538724	.3756883
Stddev	.052027	.061470	.0018878	.0006175	.0168977	.0008044	.0004287
%RSD	1.187501	.7848672	5.387650	38.48740	11.70343	1.493226	.1141057
#1	4.321863	7.885813	.0370972	.0015127	.1623747	.0530120	.3760881
#2	4.403007	7.845073	.0333886	.0010378	.1288488	.0546058	.3757413
#3	4.418847	7.764988	.0346299	.0022625	.1419231	.0539994	.3752357

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.111280	1.131833	-.191971	.0019968	.3506116	3.705681	.0285534
Stddev	.252500	.007617	.004068	.0002574	.0090634	.026855	.0021077
%RSD	22.72155	.6729630	2.119042	12.88976	2.585027	.7246904	7.381556
#1	1.191285	1.129887	-.194617	.0019109	.3450808	3.674719	.0305877
#2	1.314085	1.140234	-.194008	.0022862	.3610713	3.722639	.0286933
#3	.828469	1.125379	-.187287	.0017934	.3456826	3.719685	.0263793

Reviewed By:mohan
On:1/12/2025 8:52:46 PM
Inst Id :P5

Sample Name: P5198-05LX5 Acquired: 01/09/2025 17:52:22 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHMP0L Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.1492344	-.007895	.0063619
Stddev	.0112517	.000505	.0040084
%RSD	7.539612	6.401897	63.00612
#1	.1421603	-.007336	.0096139
#2	.1622090	-.008318	.0075883
#3	.1433338	-.008032	.0018836

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2353.293	21279.84	953.6960	1767.545	2443.785
Stddev	3.973	70.89	6.8140	2.447	3.219
%RSD	.1688093	.3331452	.7144798	.1384614	.1317224
#1	2355.361	21332.46	961.5455	1769.893	2447.477
#2	2355.804	21199.23	950.2394	1767.732	2441.568
#3	2348.713	21307.84	949.3030	1765.009	2442.309

Reviewed By:mohan
On:1/12/2025 8:52:46 PM
Inst Id :P5

Sample Name: P5198-07 Acquired: 01/09/2025 17:56:14 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHMP0S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2477609	.0633621	1.414343	.2454329	.1831502	98.24755	4.914152
Stddev	.0046193	.0007356	.000553	.0077486	.0015583	.00660	.027633
%RSD	1.864397	1.160890	.0390869	3.157105	.8508479	.0067188	.5623096
#1	.2470994	.0637785	1.414731	.2379234	.1849340	98.24525	4.885717
#2	.2435081	.0625128	1.413710	.2534002	.1824629	98.25499	4.915833
#3	.2526753	.0637950	1.414587	.2449750	.1820537	98.24240	4.940906

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0837831	.1011820	72.06328	.4473919	1.014237	.6278683	212.7464
Stddev	.0004122	.0004727	.20911	.0012352	.001756	.0042856	.5081
%RSD	.4919467	.4671247	.2901749	.2760944	.1730999	.6825595	.2388213
#1	.0841957	.1017195	71.83962	.4486166	1.015900	.6323806	212.4561
#2	.0833714	.1008313	72.09631	.4461465	1.014410	.6238527	212.4501
#3	.0837823	.1009951	72.25391	.4474125	1.012402	.6273715	213.3331

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.13918	28.20488	1.143193	.0655275	.6657575	.9827188	2.118825
Stddev	.01043	.38460	.002777	.0010391	.0103333	.0061540	.010981
%RSD	.0608580	1.363592	.2429088	1.585791	1.552112	.6262181	.5182458
#1	17.14702	27.85477	1.146201	.0656584	.6725058	.9888410	2.128458
#2	17.12734	28.61655	1.140727	.0664950	.6538615	.9765336	2.106869
#3	17.14318	28.14331	1.142651	.0644292	.6709053	.9827819	2.121150

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.975700	5.780239	-.682202	.0088027	1.790541	13.70511	.0732960
Stddev	.194711	.020746	.012638	.0006333	.000968	.10205	.0003149
%RSD	3.258385	.3589192	1.852474	7.194005	.0540859	.7446151	.4296694
#1	6.031868	5.803438	-.695279	.0091035	1.791644	13.80458	.0731812
#2	5.759079	5.773814	-.670055	.0080751	1.789827	13.60066	.0736522
#3	6.136154	5.763466	-.681273	.0092295	1.790153	13.71009	.0730545

Reviewed By:mohan
On:1/12/2025 8:52:46 PM
Inst Id :P5

Sample Name: P5198-07 Acquired: 01/09/2025 17:56:14 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHMP0S Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.5688385	-.035493	.0891726
Stddev	.0058657	.000625	.0052609
%RSD	1.031167	1.762047	5.899722
#1	.5750487	-.035557	.0890550
#2	.5633921	-.034838	.0944913
#3	.5680745	-.036084	.0839714

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2907.512	26395.77	1214.685	2208.494	2278.058
Stddev	4.220	129.69	2.231	8.805	6.497
%RSD	.1451473	.4913189	.1836352	.3986987	.2852133
#1	2904.267	26534.32	1215.332	2218.656	2271.111
#2	2905.985	26277.28	1216.521	2203.697	2279.078
#3	2912.283	26375.73	1212.203	2203.129	2283.985

Reviewed By:mohan
On:1/12/2025 8:52:46 PM
Inst Id :P5

Sample Name: P5202-10 Acquired: 01/09/2025 18:00:00 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHNG5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0886052	.0088446	3.067077	.0182320	.0274410	43.07192
Stddev	.0046703	.0043540	.007864	.0081541	.0016195	.13471
%RSD	5.270890	49.22774	.2564028	44.72391	5.901688	.3127454
#1	.0911531	.0038772	3.068870	.0238272	.0293015	43.01740
#2	.0914474	.0106568	3.073890	.0219926	.0266738	42.97302
#3	.0832151	.0119998	3.058472	.0088763	.0263477	43.22534

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.760611	.0046358	.0136394	F 999.1472	.1572366	.0627290
Stddev	.009957	.0003049	.0001376	3.5715	.0011416	.0001619
%RSD	.5655648	6.577735	1.008672	.3574598	.7260659	.2581091
#1	1.770130	.0048166	.0135584	1002.726	.1559210	.0629160
#2	1.750266	.0042838	.0137983	995.583	.1579674	.0626390
#3	1.761437	.0048071	.0135616	999.132	.1578213	.0626322

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4019241	136.6099	9.105885	139.9891	.1911337	.0055236
Stddev	.0041763	.4478	.021963	.2932	.0024223	.0006722
%RSD	1.039084	.3277867	.2411952	.2094357	1.267317	12.16900
#1	.4064662	137.0801	9.131242	140.3110	.1938038	.0059661
#2	.3982498	136.1885	9.093542	139.9189	.1905197	.0047501
#3	.4010564	136.5611	9.092870	139.7374	.1890774	.0058546

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.584957	.1149381	2.757520	5.040376	8.646428	-.346268
Stddev	.017773	.0022263	.013158	.241642	.020406	.004372
%RSD	1.121378	1.936976	.4771543	4.794130	.2360016	1.262479
#1	1.598015	.1168242	2.752749	5.306100	8.669044	-.349730
#2	1.564716	.1124823	2.772398	4.833799	8.629394	-.341356
#3	1.592140	.1155080	2.747414	4.981230	8.640846	-.347718

Reviewed By:mohan
On:1/12/2025 8:52:46 PM
Inst Id :P5

Sample Name: P5202-10 Acquired: 01/09/2025 18:00:00 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHNG5 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0142154	6.919465	8.425493	.1428336	.5595319	.8805182
Stddev	.0007717	.015906	.098416	.0010724	.0085920	.0029806
%RSD	5.428977	.2298736	1.168079	.7508253	1.535568	.3385084
#1	.0150925	6.933760	8.518594	.1419598	.5510397	.8801545
#2	.0139129	6.902330	8.322508	.1440304	.5593356	.8777360
#3	.0136407	6.922305	8.435378	.1425106	.5682204	.8836639

Elem	Li6707
Units	ppm
Avg	.0364268
Stddev	.0082558
%RSD	22.66408
#1	.0376388
#2	.0440096
#3	.0276320

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2200.283	19907.03	947.6892	1658.316	1919.439
Stddev	4.725	60.96	9.7156	7.045	4.564
%RSD	.2147271	.3062408	1.025191	.4248544	.2377585
#1	2195.081	19960.60	937.4188	1662.819	1915.926
#2	2201.460	19840.70	956.7337	1650.197	1917.792
#3	2204.307	19919.80	948.9150	1661.932	1924.597

Reviewed By:mohan
On:1/12/2025 8:52:46 PM
Inst Id :P5

Sample Name: P5202-11 Acquired: 01/09/2025 18:03:45 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHNG5D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0881235	.0070772	3.079141	.0119055	.0274557	42.06735
Stddev	.0024979	.0036392	.042467	.0051069	.0024699	.61130
%RSD	2.834494	51.42107	1.379191	42.89497	8.995899	1.453141
#1	.0885063	.0073618	3.076509	.0175835	.0278232	41.40734
#2	.0904079	.0033041	3.122863	.0104451	.0297213	42.18064
#3	.0854564	.0105658	3.038052	.0076879	.0248227	42.61409

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.733593	.0046863	.0138766	F 981.2836	.1575956	.0641252
Stddev	.022863	.0000733	.0003624	13.8067	.0009232	.0023453
%RSD	1.318845	1.564060	2.611816	1.407008	.5858288	3.657417
#1	1.708596	.0046893	.0139053	966.6069	.1571896	.0643201
#2	1.738736	.0047580	.0142238	983.2304	.1586522	.0663670
#3	1.753447	.0046115	.0135006	994.0137	.1569449	.0616885

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3943390	133.2340	8.863753	136.9925	.1923685	.0056888
Stddev	.0046874	1.5595	.128544	2.6272	.0038976	.0010826
%RSD	1.188668	1.170531	1.450220	1.917802	2.026139	19.02960
#1	.3895824	131.6024	8.718875	134.0118	.1921635	.0050239
#2	.3944806	133.3899	8.908242	137.9942	.1963646	.0069380
#3	.3989539	134.7097	8.964143	138.9716	.1885773	.0051046

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.544417	.1143698	2.757865	5.001011	8.672028	-.333712
Stddev	.027798	.0022538	.016247	.164175	.128520	.009812
%RSD	1.799927	1.970604	.5891176	3.282832	1.482012	2.940408
#1	1.522607	.1120019	2.739105	4.879577	8.672114	-.322431
#2	1.575718	.1146185	2.767079	4.935659	8.800505	-.338438
#3	1.534926	.1164888	2.767411	5.187798	8.543464	-.340267

Reviewed By:mohan
On:1/12/2025 8:52:46 PM
Inst Id :P5

Sample Name: P5202-11 Acquired: 01/09/2025 18:03:45 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHNG5D Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0131205	6.990709	8.327422	.1430722	.5334215	.8606774
Stddev	.0010624	.102244	.114902	.0022848	.0094991	.0118523
%RSD	8.097656	1.462566	1.379801	1.596952	1.780789	1.377088
#1	.0136639	6.976646	8.204213	.1425288	.5241556	.8481510
#2	.0138014	7.099257	8.346400	.1455797	.5329712	.8621663
#3	.0118963	6.896225	8.431654	.1411081	.5431378	.8717149

Elem	Li6707
Units	ppm
Avg	.0347696
Stddev	.0100040
%RSD	28.77233
#1	.0240974
#2	.0362770
#3	.0439344

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2181.651	19727.08	959.9069	1644.060	1901.435
Stddev	28.765	122.89	13.7828	11.612	28.399
%RSD	1.318478	.6229616	1.435846	.7063125	1.493556
#1	2188.067	19868.56	975.4193	1657.104	1904.802
#2	2150.220	19646.81	955.2311	1634.850	1871.503
#3	2206.666	19665.88	949.0702	1640.226	1928.001

Reviewed By:mohan
On:1/12/2025 8:52:46 PM
Inst Id :P5

Sample Name: P5202-10LX5 Acquired: 01/09/2025 18:07:30 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHNG5L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0172958	.0172856	.6023024	-.026690	.0021401	9.468699	.3751710
Stddev	.0029580	.0028156	.0014110	.008673	.0005300	.035318	.0032783
%RSD	17.10239	16.28856	.2342680	32.49526	24.76717	.3729984	.8738223
#1	.0139708	.0162422	.6037256	-.034545	.0023254	9.499691	.3715015
#2	.0196351	.0151407	.6022778	-.028143	.0025525	9.430247	.3778111
#3	.0182814	.0204740	.6009039	-.017382	.0015423	9.476160	.3762005

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007420	.0024992	219.7518	.0337105	.0370873	.0946964	29.93386
Stddev	.0002560	.0001793	.7334	.0011881	.0010077	.0016011	.13798
%RSD	34.50183	7.172913	.3337378	3.524353	2.717020	1.690796	.4609581
#1	.0009480	.0026453	218.9097	.0339942	.0381622	.0948603	29.80950
#2	.0008225	.0025531	220.0953	.0347311	.0369357	.0930196	29.90980
#3	.0004554	.0022991	220.2504	.0324063	.0361640	.0962093	30.08229

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.019164	31.78047	.0346260	.0010100	.3904944	.0267076	.6007617
Stddev	.004472	.26653	.0013354	.0006155	.0030494	.0012885	.0033087
%RSD	.2214978	.8386582	3.856743	60.94059	.7809040	4.824636	.5507485
#1	2.015334	31.95069	.0358105	.0015873	.3936747	.0255170	.5995662
#2	2.018079	31.47331	.0348887	.0003623	.3902130	.0265300	.6045020
#3	2.024079	31.91742	.0331787	.0010803	.3875955	.0280757	.5982169

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6451036	1.566724	-.083796	.0087913	1.265749	1.947379	.0291649
Stddev	.2050072	.001242	.002153	.0007236	.006974	.010526	.0005520
%RSD	31.77895	.0792877	2.569846	8.230719	.5509723	.5405391	1.892525
#1	.4352430	1.565511	-.084166	.0091294	1.269482	1.945166	.0286773
#2	.8448855	1.567994	-.081482	.0092840	1.257703	1.938135	.0297641
#3	.6551822	1.566667	-.085741	.0079606	1.270061	1.958836	.0290534

Reviewed By:mohan
On:1/12/2025 8:52:46 PM
Inst Id :P5

Sample Name: P5202-10LX5 Acquired: 01/09/2025 18:07:30 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHNG5L Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.1204508	.1928608	-.000399
Stddev	.0089073	.0004871	.006231
%RSD	7.394956	.2525665	1562.181
#1	.1257148	.1926542	-.007285
#2	.1101665	.1925110	.004850
#3	.1254710	.1934171	.001238

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2150.322	19722.56	901.0564	1613.770	2210.218
Stddev	2.540	105.03	.7953	8.898	3.005
%RSD	.1180990	.5325244	.0882668	.5513923	.1359489
#1	2147.392	19701.75	900.5759	1611.070	2207.277
#2	2151.673	19629.50	901.9745	1606.535	2213.283
#3	2151.900	19836.44	900.6189	1623.706	2210.095

Reviewed By:mohan
On:1/12/2025 8:52:46 PM
Inst Id :P5

Sample Name: P5202-12 Acquired: 01/09/2025 18:11:20 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHNG5S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1719410	.0969765	3.093360	.1796653	.1888683	46.62521
Stddev	.0021468	.0024644	.013681	.0067205	.0033102	.66809
%RSD	1.248570	2.541227	.4422662	3.740588	1.752666	1.432898
#1	.1701826	.0997885	3.085906	.1852644	.1871729	47.18693
#2	.1743334	.0959483	3.109149	.1722124	.1926828	45.88642
#3	.1713069	.0951927	3.085026	.1815190	.1867492	46.80229

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.272392	.0938776	.1072200	F 989.0864	.5191638	1.025803
Stddev	.050659	.0020057	.0004184	11.2442	.0032779	.005079
%RSD	.9608327	2.136477	.3902529	1.136828	.6313741	.4951090
#1	5.305740	.0953264	.1071553	998.5205	.5171963	1.023742
#2	5.214098	.0915884	.1076670	976.6440	.5173473	1.031588
#3	5.297340	.0947180	.1068377	992.0946	.5229477	1.022079

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8199525	138.3156	9.926609	139.7797	1.146620	.0711243
Stddev	.0152818	1.6809	.127820	1.1850	.005157	.0013246
%RSD	1.863736	1.215262	1.287650	.8477581	.4497679	1.862313
#1	.8338448	139.9274	10.02075	140.8408	1.145682	.0713863
#2	.8035838	136.5732	9.78109	138.5010	1.152182	.0696882
#3	.8224290	138.4463	9.97799	139.9971	1.141996	.0722982

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.530670	1.036288	3.558316	5.224282	8.592638	-.339868
Stddev	.031279	.018982	.016558	.427688	.043219	.007796
%RSD	2.043474	1.831748	.4653219	8.186531	.5029741	2.293866
#1	1.558471	1.053361	3.570691	5.488705	8.574231	-.348857
#2	1.496802	1.015847	3.564750	4.730855	8.642012	-.335803
#3	1.536736	1.039655	3.539507	5.453287	8.561669	-.334945

Reviewed By:mohan
On:1/12/2025 8:52:46 PM
Inst Id :P5

Sample Name: P5202-12 Acquired: 01/09/2025 18:11:20 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHNG5S Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0133533	6.940410	8.476252	.1393841	.5543356	.8822704
Stddev	.0007347	.019589	.149006	.0013826	.0149328	.0104056
%RSD	5.502336	.2822491	1.757921	.9919178	2.693813	1.179413
#1	.0125582	6.943861	8.619576	.1404520	.5634815	.8892869
#2	.0140073	6.958044	8.322150	.1398779	.5371036	.8703151
#3	.0134944	6.919324	8.487031	.1378224	.5624218	.8872092

Elem	Li6707
Units	ppm
Avg	.0317438
Stddev	.0022648
%RSD	7.134566
#1	.0341025
#2	.0295864
#3	.0315426

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2213.609	20151.16	953.9260	1666.470	1933.178
Stddev	8.880	99.11	14.3385	2.651	10.428
%RSD	.4011510	.4918477	1.503102	.1590982	.5394348
#1	2218.650	20254.19	941.9358	1667.705	1937.518
#2	2203.356	20142.81	969.8089	1663.427	1921.281
#3	2218.821	20056.49	950.0333	1668.279	1940.736

Reviewed By:mohan
On:1/12/2025 8:52:46 PM
Inst Id :P5

Sample Name: CCV139 Acquired: 01/09/2025 18:15:05 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV139 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.872400	4.717747	24.08548	4.939544	4.864390	398.7045
Stddev	.032332	.006823	.07755	.003921	.004955	2.8638
%RSD	.6635808	.1446331	.3219936	.0793765	.1018578	.7182866
#1	4.895197	4.713440	24.09796	4.942995	4.863719	399.1169
#2	4.886607	4.714186	24.00244	4.935281	4.859805	401.3398
#3	4.835397	4.725614	24.15604	4.940356	4.869646	395.6568

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.930493	.5040119	2.435057	399.4739	15.09200	2.352474
Stddev	.061911	.0022382	.006535	2.2159	.02735	.007104
%RSD	.6234443	.4440809	.2683653	.5547005	.1811922	.3019619
#1	9.927859	.5014746	2.436540	399.7913	15.06520	2.354872
#2	9.993679	.5057064	2.427908	401.5139	15.09093	2.344482
#3	9.869941	.5048546	2.440723	397.1164	15.11986	2.358068

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.81017	399.7716	14.78738	405.9479	2.450207	1.242162
Stddev	.07005	3.3984	.08971	4.0876	.005149	.001712
%RSD	.4730009	.8500937	.6066833	1.006917	.2101265	.1378117
#1	14.74165	400.8866	14.83410	407.1721	2.451118	1.240271
#2	14.88166	402.4725	14.84409	409.2834	2.444663	1.242608
#3	14.80720	395.9558	14.68395	401.3881	2.454839	1.243606

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	417.9408	2.469740	14.57446	152.7452	4.843843	F 4.161206
Stddev	.9756	.010012	.03770	1.4982	.008632	.012785
%RSD	.2334418	.4053899	.2586865	.9808778	.1781986	.3072420
#1	419.0472	2.462395	14.53153	152.0563	4.853412	4.151154
#2	417.2037	2.481145	14.60221	154.4640	4.836644	4.175596
#3	417.5714	2.465682	14.58963	151.7153	4.841473	4.156869

Reviewed By:mohan
On:1/12/2025 8:52:46 PM
Inst Id :P5

Sample Name: CCV139 Acquired: 01/09/2025 18:15:05 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV139 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.798088	4.856186	4.815520	4.881259	4.954633	4.730799
Stddev	.010361	.033084	.014888	.016558	.046516	.040364
%RSD	.2159449	.6812748	.3091748	.3392083	.9388397	.8532140
#1	4.796322	4.853017	4.802902	4.885978	4.984143	4.738762
#2	4.788723	4.824801	4.831941	4.862855	4.978744	4.766588
#3	4.809219	4.890741	4.811716	4.894946	4.901011	4.687047

Elem	Li6707
Units	ppm
Avg	4.988215
Stddev	.014472
%RSD	.2901244
#1	4.991452
#2	5.000795
#3	4.972399

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1824.486	17060.58	816.4573	1366.984	1809.906
Stddev	10.765	24.07	3.3984	3.907	11.598
%RSD	.5900388	.1410623	.4162397	.2858332	.6408136
#1	1833.471	17034.16	817.6536	1367.669	1816.821
#2	1827.433	17066.33	812.6224	1362.779	1816.382
#3	1812.554	17081.24	819.0957	1370.503	1796.516

Reviewed By:mohan
On:1/12/2025 8:52:46 PM
Inst Id :P5

Sample Name: CCB139 Acquired: 01/09/2025 18:18:50 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB139 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0021838	.0029575	.0001107	-.009222	-.002423	-.003375
Stddev	.0060413	.0018789	.0038518	.002971	.003812	.067022
%RSD	276.6378	63.52849	3481.240	32.21595	157.3137	1985.558
#1	-.002956	.0041898	.0022416	-.010886	-.005334	-.039804
#2	.008838	.0038878	.0024261	-.010988	.001892	-.044294
#3	.000670	.0007950	-.004336	-.005792	-.003827	.073971

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001024	-.000409	.0000923	-.033446	-.000577	-.000117
Stddev	.001803	.000219	.0000845	.025333	.000493	.000332
%RSD	176.0287	53.64584	91.52948	75.74213	85.35894	283.9345
#1	.001011	-.000631	.0000923	-.039061	-.000011	-.000197
#2	-.001660	-.000404	.0000078	-.005777	-.000816	.000248
#3	-.002424	-.000192	.0001769	-.055501	-.000906	-.000402

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007311	-.028582	-.001508	.0922854	-.000607	-.001701
Stddev	.0005307	.043135	.005499	.3557963	.000897	.001271
%RSD	72.58938	150.9177	364.5768	385.5391	147.7775	74.73241
#1	.0013031	.002049	-.001565	-.212642	-.001310	-.001704
#2	.0002549	-.009883	.004019	.006306	-.000914	-.000428
#3	.0006351	-.077911	-.006978	.483193	.000403	-.002970

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0457378	.0002490	.0002469	.1014570	.0012669	.0178446
Stddev	.0174353	.0004392	.0001490	.3676903	.0027470	.0034484
%RSD	38.12015	176.4003	60.35948	362.4099	216.8317	19.32481
#1	.0525845	.0001784	.0003990	-.319894	.0034154	.0170239
#2	.0587106	.0007191	.0002406	.357341	.0022135	.0216293
#3	.0259184	-.000151	.0001011	.266924	-.001828	.0148805

Reviewed By:mohan
On:1/12/2025 8:52:46 PM
Inst Id :P5

Sample Name: CCB139 Acquired: 01/09/2025 18:18:50 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB139 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006009	.0007861	-.000414	-.000003	-.006238	.0007313
Stddev	.0008981	.0036602	.003822	.001124	.010412	.0002047
%RSD	149.4637	465.6271	923.9946	36642.35	166.8980	27.99701
#1	.0015258	-.001805	.002582	.000523	.000611	.0008240
#2	.0005448	-.000810	-.004718	.000761	-.018220	.0008733
#3	-.000268	.004973	.000895	-.001294	-.001106	.0004966

Elem	Li6707
Units	ppm
Avg	F .0233230
Stddev	.0057291
%RSD	24.56405
#1	.0282642
#2	.0246616
#3	.0170431

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2219.564	20344.80	889.5434	1658.343	2605.924
Stddev	2.182	66.90	6.3917	8.829	7.464
%RSD	.0983220	.3288299	.7185329	.5324254	.2864109
#1	2218.834	20419.89	884.5454	1665.420	2603.140
#2	2222.017	20322.95	887.3394	1661.161	2614.379
#3	2217.840	20291.55	896.7455	1648.449	2600.252

Reviewed By:mohan
On:1/12/2025 8:52:46 PM
Inst Id :P5

Sample Name: P5203-18 Acquired: 01/09/2025 18:22:49 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHNC1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0392661	.0001442	.1192629	.0289510	.0236050	50.11158	.3742960
Stddev	.0048170	.0023426	.0040687	.0084623	.0095205	.28051	.0044190
%RSD	12.26757	1625.087	3.411519	29.22955	40.33247	.5597647	1.180622
#1	.0363754	-.000348	.1153338	.0240060	.0314444	50.01621	.3740227
#2	.0365961	.002694	.1234581	.0241249	.0263597	50.42734	.3788454
#3	.0448268	-.001913	.1189968	.0387222	.0130109	49.89120	.3700200

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0037374	.0011938	539.3794	.0799808	.0655379	.1885028	135.0145
Stddev	.0004600	.0002183	5.1214	.0012785	.0009447	.0012781	1.1892
%RSD	12.30886	18.28721	.9494934	1.598446	1.441469	.6780126	.8807637
#1	.0039935	.0010866	537.4431	.0795978	.0664768	.1879069	134.5427
#2	.0040123	.0010497	545.1866	.0789376	.0645875	.1899700	136.3671
#3	.0032063	.0014450	535.5085	.0814070	.0655492	.1876315	134.1336

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.508148	103.3245	.1427237	.0023704	1.163675	.1339368	.2847872
Stddev	.068442	1.0113	.0019978	.0014650	.053801	.0013767	.0025234
%RSD	1.051633	.9787476	1.399746	61.80494	4.623340	1.027876	.8860624
#1	6.470453	102.9527	.1441578	.0040621	1.166524	.1341346	.2875896
#2	6.587151	104.4690	.1404419	.0015117	1.215994	.1352039	.2826951
#3	6.466841	102.5517	.1435715	.0015375	1.108506	.1324719	.2840768

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.882888	6.527058	-.378038	.0077939	.7306721	9.455641	.0220829
Stddev	.203231	.009716	.003467	.0010192	.0125735	.123386	.0005198
%RSD	4.162108	.1488599	.9170185	13.07729	1.720813	1.304892	2.353765
#1	5.061167	6.516111	-.375659	.0088729	.7329114	9.488718	.0216467
#2	4.925904	6.534657	-.382016	.0076615	.7419754	9.559116	.0226581
#3	4.661592	6.530406	-.376440	.0068474	.7171294	9.319087	.0219440

Reviewed By:mohan
On:1/12/2025 8:52:46 PM
Inst Id :P5

Sample Name: P5203-18 Acquired: 01/09/2025 18:22:49 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHNC1 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.8749915	.5661727	.0794331
Stddev	.0050239	.0037345	.0049587
%RSD	.5741637	.6596026	6.242627
#1	.8695797	.5651529	.0743480
#2	.8795068	.5703111	.0796963
#3	.8758879	.5630540	.0842550

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2336.497	21199.03	987.1027	1755.760	2045.679
Stddev	2.633	93.40	9.5160	4.244	2.211
%RSD	.1126874	.4405713	.9640322	.2417201	.1080853
#1	2333.978	21285.94	985.8126	1760.019	2043.152
#2	2339.231	21210.87	978.2976	1755.729	2046.627
#3	2336.282	21100.28	997.1980	1751.531	2047.258

Reviewed By:mohan
On:1/12/2025 8:52:46 PM
Inst Id :P5

Sample Name: P5203-19 Acquired: 01/09/2025 18:26:37 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHNC1D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0385193	-.002545	.1229974	.0243514	.0245029	50.50028	.3763104
Stddev	.0031280	.002285	.0007951	.0149675	.0081400	.00704	.0024015
%RSD	8.120713	89.76546	.6464182	61.46444	33.22034	.0139336	.6381759
#1	.0374707	-.005095	.1239058	.0084647	.0333468	50.49533	.3784559
#2	.0360503	-.001858	.1226581	.0264012	.0173244	50.50834	.3737162
#3	.0420369	-.000683	.1224282	.0381883	.0228377	50.49719	.3767592

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0040732	.0012875	543.7534	.0800745	.0644259	.1908765	136.6146
Stddev	.0001778	.0001274	2.4137	.0008596	.0001501	.0008132	.6350
%RSD	4.365621	9.898692	.4438876	1.073464	.2330656	.4260357	.4648352
#1	.0041546	.0014035	544.5927	.0802189	.0644175	.1918107	136.3733
#2	.0038692	.0011511	541.0322	.0808526	.0642802	.1903271	136.1356
#3	.0041957	.0013079	545.6354	.0791518	.0645801	.1904918	137.3350

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.596138	104.2842	.1417730	.0029906	1.193205	.1375324	.2869534
Stddev	.042413	.4956	.0011281	.0013485	.003824	.0003039	.0049556
%RSD	.6429912	.4752397	.7957213	45.09238	.3205158	.2209873	1.726984
#1	6.550826	104.2507	.1418625	.0029170	1.191526	.1377900	.2867538
#2	6.602702	103.8062	.1428537	.0016803	1.190508	.1371972	.2920059
#3	6.634885	104.7957	.1406028	.0043743	1.197582	.1376099	.2821006

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.101482	6.494099	-.394546	.0071766	.7322227	9.600151	.0226649
Stddev	.064178	.015908	.004635	.0008043	.0051501	.037196	.0005704
%RSD	1.258030	.2449675	1.174891	11.20733	.7033476	.3874498	2.516486
#1	5.064547	6.490110	-.399554	.0065061	.7315664	9.640042	.0233232
#2	5.175589	6.480565	-.393680	.0080684	.7376694	9.566419	.0223529
#3	5.064312	6.511623	-.390405	.0069553	.7274322	9.593993	.0223186

Reviewed By:mohan
On:1/12/2025 8:52:46 PM
Inst Id :P5

Sample Name: P5203-19 Acquired: 01/09/2025 18:26:37 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHNC1D Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.8826534	.5698543	.0773870
Stddev	.0085637	.0026642	.0096885
%RSD	.9702163	.4675134	12.51957
#1	.8748291	.5692987	.0710973
#2	.8813291	.5675118	.0725195
#3	.8918021	.5727525	.0885441

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2356.827	21151.22	980.8574	1756.736	2066.363
Stddev	5.464	108.91	4.4919	14.681	5.864
%RSD	.2318367	.5149025	.4579559	.8356902	.2837692
#1	2351.802	21093.86	977.5070	1757.162	2063.873
#2	2362.643	21082.98	985.9616	1741.846	2073.061
#3	2356.036	21276.82	979.1037	1771.199	2062.155

Reviewed By:mohan
On:1/12/2025 8:52:46 PM
Inst Id :P5

Sample Name: P5203-18LX5 Acquired: 01/09/2025 18:30:25 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHNC1L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0024604	.0095931	.0253019	-.017976	.0042087	11.14867	.0790346
Stddev	.0059656	.0059629	.0017679	.010619	.0032527	.18810	.0041820
%RSD	242.4647	62.15756	6.987220	59.07320	77.28470	1.687205	5.291385
#1	-.003485	.0158957	.0251738	-.029570	.0006926	10.98902	.0743895
#2	.008446	.0088427	.0236015	-.015634	.0071103	11.35603	.0825003
#3	.002420	.0040410	.0271304	-.008723	.0048234	11.10097	.0802140

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006408	.0002234	121.3476	.0187426	.0322436	.0447824	30.18061
Stddev	.0000884	.0000567	.9267	.0009079	.0008421	.0012083	.13112
%RSD	13.79652	25.38501	.7636709	4.843971	2.611515	2.698137	.4344623
#1	.0007194	.0001659	120.4832	.0186692	.0319401	.0456447	30.07259
#2	.0005451	.0002251	122.3260	.0178736	.0315953	.0434014	30.32650
#3	.0006579	.0002793	121.2336	.0196849	.0331953	.0453012	30.14274

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.478722	23.97699	.0265275	-.001679	.3289232	.0303746	.0644778
Stddev	.011390	.38196	.0008844	.000509	.0281197	.0020121	.0007430
%RSD	.7702307	1.593011	3.333855	30.34687	8.549025	6.624312	1.152320
#1	1.471670	23.86208	.0271417	-.001887	.3114599	.0297261	.0639641
#2	1.491862	24.40320	.0269270	-.001098	.3139484	.0287667	.0653298
#3	1.472634	23.66567	.0255139	-.002051	.3613613	.0326309	.0641396

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.088472	1.205744	-.090163	.0051493	.1506227	2.229686	.0059643
Stddev	.205335	.004165	.001257	.0007496	.0098898	.012178	.0019497
%RSD	18.86449	.3453973	1.394133	14.55746	6.565928	.5461855	32.68972
#1	.859517	1.210066	-.089147	.0052628	.1616677	2.225025	.0079542
#2	1.256308	1.205410	-.091568	.0043494	.1425877	2.243506	.0058812
#3	1.149591	1.201757	-.089772	.0058356	.1476126	2.220526	.0040574

Reviewed By:mohan
On:1/12/2025 8:52:46 PM
Inst Id :P5

Sample Name: P5203-18LX5 Acquired: 01/09/2025 18:30:25 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHNC1L Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.2020751	.1257729	.0156866
Stddev	.0038886	.0010622	.0042344
%RSD	1.924348	.8445484	26.99358
#1	.2065291	.1246486	.0108520
#2	.2003416	.1267596	.0174714
#3	.1993548	.1259105	.0187363

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2214.821	19890.95	913.2717	1643.847	2310.868
Stddev	5.317	28.79	5.1261	5.525	7.229
%RSD	.2400578	.1447614	.5612873	.3361106	.3128084
#1	2218.167	19870.01	915.6061	1649.808	2315.855
#2	2217.604	19879.06	907.3939	1638.898	2314.170
#3	2208.690	19923.79	916.8152	1642.834	2302.578

Reviewed By:mohan
On:1/12/2025 8:52:46 PM
Inst Id :P5

Sample Name: P5203-20 Acquired: 01/09/2025 18:34:19 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHNC1S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1283573	.0914937	.1593671	.1905842	.1833415	52.86040	3.947801
Stddev	.0012385	.0027448	.0027717	.0080350	.0018380	.13806	.011646
%RSD	.9648739	2.999991	1.739193	4.215967	1.002525	.2611814	.2949985
#1	.1271186	.0925967	.1625603	.1824576	.1832592	52.97048	3.955174
#2	.1295955	.0935154	.1575837	.1985243	.1815460	52.90523	3.953854
#3	.1283577	.0883689	.1579574	.1907707	.1852193	52.70550	3.934375

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0929372	.0955703	537.1478	.4495059	1.033530	.6263076	135.2674
Stddev	.0006184	.0002234	2.2641	.0026933	.002017	.0034618	.8842
%RSD	.6654133	.2337897	.4215116	.5991718	.1952032	.5527379	.6536558
#1	.0936476	.0953516	539.1745	.4483762	1.033583	.6299919	136.0964
#2	.0926451	.0955610	537.5648	.4525801	1.035521	.6258082	135.3689
#3	.0925189	.0957982	534.7042	.4475614	1.031487	.6231225	134.3368

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.279256	102.4948	1.111255	.0697822	1.164003	1.054567	1.080040
Stddev	.044669	.7705	.000962	.0012387	.007181	.006762	.003422
%RSD	.6136524	.7517863	.0865983	1.775117	.6169037	.6411775	.3168648
#1	7.274149	102.8752	1.110176	.0689667	1.172279	1.060559	1.076229
#2	7.326259	103.0011	1.111566	.0691723	1.159414	1.055905	1.082849
#3	7.237359	101.6080	1.112023	.0712076	1.160318	1.047236	1.081042

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.454974	6.472990	-.394058	.0068838	.7397067	9.437501	.0237977
Stddev	.045868	.003599	.006341	.0002595	.0121342	.036849	.0013794
%RSD	1.029597	.0555958	1.609228	3.769295	1.640405	.3904494	5.796150
#1	4.467274	6.468915	-.401014	.0066725	.7384270	9.477190	.0238763
#2	4.493437	6.475732	-.392562	.0071734	.7524300	9.430940	.0223807
#3	4.404209	6.474322	-.388599	.0068056	.7282631	9.404374	.0251360

Reviewed By:mohan
On:1/12/2025 8:52:46 PM
Inst Id :P5

Sample Name: P5203-20 Acquired: 01/09/2025 18:34:19 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHNC1S Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.8689423	.5598571	.0745774
Stddev	.0144382	.0029954	.0067297
%RSD	1.661578	.5350262	9.023819
#1	.8849873	.5630009	.0685325
#2	.8648414	.5595342	.0733710
#3	.8569982	.5570363	.0818288

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2358.743	21084.67	992.3171	1765.578	2063.690
Stddev	3.400	22.48	5.7499	3.612	3.696
%RSD	.1441360	.1066294	.5794369	.2045913	.1791192
#1	2362.309	21091.62	985.7278	1767.238	2067.943
#2	2358.380	21059.54	994.9072	1768.062	2061.254
#3	2355.539	21102.86	996.3165	1761.434	2061.872

Reviewed By:mohan
On:1/12/2025 8:52:46 PM
Inst Id :P5

Sample Name: P5207-01 Acquired: 01/09/2025 18:38:04 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHMZ9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1184488	-.009564	2.226829	.0377445	.0491329	61.48756
Stddev	.0028503	.004599	.012799	.0039251	.0045010	.23394
%RSD	2.406373	48.08809	.5747752	10.39905	9.160896	.3804618
#1	.1177075	-.012115	2.231004	.0407914	.0543027	61.75610
#2	.1160424	-.012323	2.237019	.0333153	.0460856	61.32797
#3	.1215966	-.004255	2.212463	.0391268	.0470104	61.37861

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.906603	.0051824	.0203894	265.3482	.1339660	.0500156
Stddev	.008604	.0002040	.0001553	.8143	.0022999	.0016106
%RSD	.4512979	3.935918	.7616863	.3068707	1.716789	3.220138
#1	1.897288	.0053941	.0202953	264.6080	.1341467	.0502228
#2	1.908267	.0051659	.0205687	265.2161	.1315810	.0515125
#3	1.914254	.0049872	.0203043	266.2204	.1361702	.0483114

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5957180	137.1539	5.085239	63.88656	.1583962	.0056579
Stddev	.0037041	.4204	.019361	.30868	.0023555	.0009469
%RSD	.6217923	.3065421	.3807295	.4831759	1.487077	16.73563
#1	.5977362	137.5385	5.104178	63.92991	.1598909	.0045650
#2	.5914430	137.2182	5.065481	63.55848	.1596166	.0061765
#3	.5979746	136.7050	5.086059	64.17127	.1556809	.0062321

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.089237	.1717981	3.379704	7.120457	F 10.93273	-.309394
Stddev	.033798	.0009734	.010117	.222816	.08840	.004532
%RSD	3.102887	.5665910	.2993392	3.129234	.8085840	1.464721
#1	1.088103	.1710824	3.386519	7.091821	10.94222	-.305629
#2	1.123587	.1714054	3.368080	6.913344	11.01600	-.308129
#3	1.056020	.1729065	3.384513	7.356207	10.83996	-.314424

Reviewed By:mohan
On:1/12/2025 8:52:46 PM
Inst Id :P5

Sample Name: P5207-01 Acquired: 01/09/2025 18:38:04 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHMZ9 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0213591	8.110540	11.29045	.1435565	.7364365	.2935122
Stddev	.0016235	.070642	.04943	.0009368	.0088960	.0023254
%RSD	7.601187	.8709948	.4377621	.6525697	1.207974	.7922754
#1	.0226692	8.124982	11.29452	.1438974	.7265371	.2943550
#2	.0195427	8.172846	11.23911	.1442751	.7390115	.2908829
#3	.0218653	8.033793	11.33771	.1424969	.7437609	.2952988

Elem	Li6707
Units	ppm
Avg	.0707106
Stddev	.0067679
%RSD	9.571260
#1	.0646325
#2	.0780037
#3	.0694955

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2357.797	21270.18	981.5665	1784.498	2217.824
Stddev	9.029	225.92	3.4556	3.541	13.768
%RSD	.3829345	1.062142	.3520468	.1984148	.6207721
#1	2353.981	21237.52	979.1318	1780.785	2213.776
#2	2351.302	21510.65	985.5215	1787.836	2206.535
#3	2368.107	21062.36	980.0460	1784.872	2233.162

Reviewed By:mohan
On:1/12/2025 8:52:46 PM
Inst Id :P5

Sample Name: P5207-02 Acquired: 01/09/2025 18:41:50 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHN00 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1829726	-.026192	2.936552	.0974109	.0762689	73.24709
Stddev	.0062885	.004566	.025645	.0031626	.0031203	.29328
%RSD	3.436870	17.43407	.8732914	3.246682	4.091166	.4003949
#1	.1801291	-.031443	2.917432	.0984533	.0749036	72.90853
#2	.1786079	-.023147	2.926530	.0999208	.0798391	73.40963
#3	.1901806	-.023987	2.965695	.0938587	.0740639	73.42311

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.941639	.0071097	.0297234	304.0687	.1593179	.0393504
Stddev	.016654	.0001878	.0002345	1.6170	.0014426	.0007255
%RSD	.8577337	2.641132	.7889834	.5317964	.9054968	1.843787
#1	1.930440	.0068961	.0294973	302.6475	.1609803	.0387733
#2	1.933700	.0071846	.0297076	303.7306	.1583952	.0391130
#3	1.960777	.0072485	.0299655	305.8281	.1585781	.0401649

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7271976	219.0165	6.799847	52.31503	.2102602	.0091509
Stddev	.0013937	1.3867	.048669	.41821	.0019713	.0004578
%RSD	.1916572	.6331272	.7157336	.7994048	.9375675	5.002656
#1	.7259864	217.7504	6.753389	51.93431	.2093723	.0089306
#2	.7268855	218.8006	6.795691	52.24812	.2088890	.0088449
#3	.7287209	220.4984	6.850460	52.76266	.2125194	.0096772

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.711642	.2165480	4.703957	7.645819	F 14.56760	-.572606
Stddev	.022711	.0012896	.016250	.153585	.15926	.004955
%RSD	1.326838	.5955217	.3454635	2.008748	1.093263	.8652874
#1	1.687261	.2156075	4.688297	7.474527	14.41140	-.569440
#2	1.715470	.2180180	4.720740	7.691681	14.56165	-.570063
#3	1.732196	.2160183	4.702833	7.771249	14.72976	-.578316

Reviewed By:mohan
On:1/12/2025 8:52:46 PM
Inst Id :P5

Sample Name: P5207-02 Acquired: 01/09/2025 18:41:50 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHN00 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0282369	7.703860	10.86786	.1507873	.8029096	.2608221
Stddev	.0011192	.063154	.02146	.0031571	.0129606	.0031555
%RSD	3.963686	.8197687	.1974928	2.093715	1.614198	1.209808
#1	.0279634	7.635635	10.84598	.1483904	.8157021	.2573240
#2	.0272798	7.715670	10.86872	.1496072	.7897873	.2616885
#3	.0294676	7.760275	10.88888	.1543645	.8032395	.2634539

Elem	Li6707
Units	ppm
Avg	.0766530
Stddev	.0017894
%RSD	2.334454
#1	.0752852
#2	.0786782
#3	.0759957

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2426.611	21558.76	1006.133	1815.912	2248.153
Stddev	11.062	61.33	4.678	8.209	11.969
%RSD	.4558558	.2844867	.4649083	.4520367	.5323996
#1	2423.204	21487.95	1011.535	1824.927	2249.853
#2	2438.976	21593.31	1003.439	1808.869	2259.181
#3	2417.653	21595.02	1003.427	1813.941	2235.424

Reviewed By:mohan
On:1/12/2025 8:52:46 PM
Inst Id :P5

Sample Name: P5207-03 Acquired: 01/09/2025 18:45:35 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHN01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2136486	-.029475	2.474408	.0919564	.0638128	79.06860	2.296849
Stddev	.0048054	.002332	.004837	.0034504	.0031914	.28628	.002532
%RSD	2.249214	7.910890	.1955007	3.752208	5.001181	.3620701	.1102193
#1	.2084329	-.026889	2.469241	.0921393	.0626348	78.79091	2.299512
#2	.2178963	-.030122	2.478830	.0953117	.0613778	79.36277	2.296561
#3	.2146168	-.031416	2.475153	.0884182	.0674257	79.05211	2.294474

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0072297	.0173533	81.33975	.1662024	.0428739	.5144689	186.3963
Stddev	.0001194	.0000754	.20191	.0019913	.0001850	.0009264	.5073
%RSD	1.650898	.4343622	.2482346	1.198125	.4315358	.1800745	.2721626
#1	.0072111	.0172685	81.21165	.1641335	.0429432	.5153858	186.2421
#2	.0073573	.0173789	81.57251	.1663678	.0430143	.5144877	186.9629
#3	.0071207	.0174125	81.23510	.1681058	.0426643	.5135332	185.9840

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.619758	25.33663	.1940015	.0071916	1.058129	.2500467	3.244710
Stddev	.016635	.20730	.0010245	.0007085	.031665	.0019108	.011001
%RSD	.2960150	.8181747	.5280687	9.851458	2.992535	.7641690	.3390298
#1	5.602024	25.13636	.1950858	.0073262	1.037580	.2483613	3.232039
#2	5.635017	25.55031	.1938690	.0078231	1.094594	.2496564	3.250266
#3	5.622232	25.32322	.1930498	.0064255	1.042213	.2521226	3.251824

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.539923	9.725943	-.565815	.0199293	3.566322	11.11155	.0871354
Stddev	.501969	.019263	.002756	.0008145	.006871	.02892	.0009280
%RSD	6.657485	.1980589	.4870037	4.086982	.1926680	.2603137	1.065059
#1	7.406540	9.716638	-.568994	.0204689	3.558864	11.14431	.0871029
#2	8.095113	9.748092	-.564116	.0189924	3.567707	11.08955	.0862240
#3	7.118118	9.713099	-.564335	.0203266	3.572395	11.10080	.0880792

Reviewed By:mohan
On:1/12/2025 8:52:46 PM
Inst Id :P5

Sample Name: P5207-03 Acquired: 01/09/2025 18:45:35 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHN01 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.7972065	.0522432	.1218048
Stddev	.0037558	.0009024	.0050014
%RSD	.4711225	1.727388	4.106088
#1	.7953231	.0517464	.1202792
#2	.7947651	.0532849	.1177439
#3	.8015314	.0516983	.1273914

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2428.781	21812.32	996.3291	1838.128	2291.199
Stddev	3.314	11.59	1.9058	2.642	2.020
%RSD	.1364430	.0531450	.1912819	.1437214	.0881534
#1	2425.303	21804.82	994.1285	1838.290	2291.940
#2	2429.140	21806.47	997.4298	1835.409	2288.914
#3	2431.901	21825.67	997.4289	1840.686	2292.744

Reviewed By:mohan
On:1/12/2025 8:52:46 PM
Inst Id :P5

Sample Name: P5207-04 Acquired: 01/09/2025 18:49:21 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHN02 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1566068	-.038361	1.220675	.0909764	.0550563	98.31591	1.148235
Stddev	.0050995	.001244	.009957	.0044809	.0044086	.74427	.010353
%RSD	3.256268	3.244061	.8156942	4.925351	8.007519	.7570196	.9016810
#1	.1551735	-.039243	1.229343	.0866528	.0499848	97.77910	1.136777
#2	.1622697	-.038901	1.222882	.0906767	.0572095	98.00310	1.151008
#3	.1523773	-.036937	1.209799	.0955996	.0579746	99.16553	1.156919

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0069937	.0095129	53.06546	.1249669	.0328687	.3059930	187.2421
Stddev	.0001599	.0001893	.53864	.0002133	.0008189	.0024219	1.3754
%RSD	2.285730	1.989623	1.015051	.1706533	2.491438	.7914814	.7345323
#1	.0069123	.0096567	52.47641	.1247766	.0338141	.3033367	185.7125
#2	.0071779	.0092985	53.18705	.1251974	.0323791	.3080784	187.6368
#3	.0068909	.0095834	53.53291	.1249268	.0324130	.3065639	188.3769

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.566940	21.98584	.1433487	.0064724	.7336790	.2383017	1.724667
Stddev	.044766	.36791	.0012258	.0006583	.0418924	.0016567	.006769
%RSD	.9802247	1.673380	.8551108	10.17122	5.709915	.6952183	.3924750
#1	4.531054	22.24579	.1442752	.0057529	.7384005	.2380081	1.731794
#2	4.552662	21.56488	.1438122	.0070445	.7730106	.2400856	1.723883
#3	4.617104	22.14686	.1419588	.0066199	.6896258	.2368115	1.718324

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.412559	5.852759	-.591521	.0169609	1.929627	12.61241	.0466626
Stddev	.108521	.047938	.004258	.0003254	.024756	.04812	.0005620
%RSD	1.464018	.8190667	.7198547	1.918247	1.282955	.3815256	1.204311
#1	7.332387	5.902388	-.594503	.0173084	1.957146	12.57209	.0461324
#2	7.536048	5.849177	-.593415	.0166635	1.922565	12.66568	.0466037
#3	7.369241	5.806713	-.586645	.0169107	1.909169	12.59946	.0472517

Reviewed By:mohan
On:1/12/2025 8:52:46 PM
Inst Id :P5

Sample Name: P5207-04 Acquired: 01/09/2025 18:49:21 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHN02 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.7500917	-.043980	.1505075
Stddev	.0112405	.000886	.0067327
%RSD	1.498552	2.014784	4.473315
#1	.7504343	-.043419	.1522721
#2	.7611569	-.045002	.1561821
#3	.7386837	-.043520	.1430682

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2370.983	21146.25	953.2623	1787.004	2325.397
Stddev	10.989	42.07	3.0803	8.052	10.987
%RSD	.4634625	.1989454	.3231337	.4506041	.4724904
#1	2358.557	21109.41	955.9716	1780.221	2312.740
#2	2379.419	21192.09	949.9119	1784.887	2332.481
#3	2374.973	21137.25	953.9034	1795.903	2330.970

Reviewed By:mohan
On:1/12/2025 8:52:46 PM
Inst Id :P5

Sample Name: P5207-05 Acquired: 01/09/2025 18:53:07 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHN03 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1231107	-.039397	.6295683	.1064166	.0567984	111.1880	.6437177
Stddev	.0019734	.001462	.0020289	.0067904	.0057165	.6422	.0031494
%RSD	1.602953	3.711945	.3222645	6.380977	10.06448	.5775678	.4892503
#1	.1252297	-.037724	.6317964	.1065726	.0507076	111.7666	.6425284
#2	.1213254	-.040031	.6290813	.1131277	.0576405	110.4971	.6472885
#3	.1227770	-.040435	.6278272	.0995495	.0620471	111.3005	.6413361

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0076807	.0050137	47.97265	.1386974	.0457798	.2362160	197.5581
Stddev	.0000666	.0002172	.12500	.0023930	.0003745	.0013387	.8762
%RSD	.8665112	4.331639	.2605705	1.725317	.8180246	.5667212	.4435232
#1	.0076356	.0051971	47.92319	.1384548	.0459107	.2357610	198.5176
#2	.0076492	.0047739	47.87994	.1412024	.0453575	.2377229	196.8003
#3	.0077571	.0050701	48.11481	.1364349	.0460714	.2351642	197.3563

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.721693	23.08575	.1437723	.0049534	.7450328	.2360052	1.011927
Stddev	.034090	.30108	.0021607	.0005244	.0157303	.0019569	.023629
%RSD	.5071669	1.304185	1.502899	10.58746	2.111361	.8291887	2.335005
#1	6.749795	23.42313	.1421542	.0055474	.7623542	.2361304	1.009893
#2	6.683771	22.84437	.1462261	.0047584	.7316370	.2378966	1.036506
#3	6.731513	22.98977	.1429365	.0045543	.7411072	.2339887	.989381

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.332246	2.582327	-.648528	.0154112	.9876713	14.27392	.0279458
Stddev	.230450	.006895	.010996	.0011128	.0237646	.06022	.0026852
%RSD	3.142968	.2669928	1.695499	7.220479	2.406125	.4218926	9.608626
#1	7.096717	2.576369	-.644470	.0142897	.9670005	14.32687	.0249463
#2	7.342761	2.580733	-.660976	.0154287	1.013637	14.28648	.0301256
#3	7.557258	2.589879	-.640137	.0165151	.982377	14.20841	.0287654

Reviewed By:mohan
On:1/12/2025 8:52:46 PM
Inst Id :P5

Sample Name: P5207-05 Acquired: 01/09/2025 18:53:07 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHN03 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.6296084	-.099319	.0850941
Stddev	.0076793	.000355	.0008119
%RSD	1.219693	.3572535	.9541196
#1	.6207631	-.099326	.0852277
#2	.6345708	-.099670	.0842237
#3	.6334914	-.098960	.0858309

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2348.845	20684.29	959.8966	1749.506	2305.773
Stddev	6.326	282.43	2.3625	26.885	10.168
%RSD	.2693250	1.365419	.2461242	1.536740	.4409817
#1	2354.483	20668.29	958.5574	1748.223	2316.041
#2	2342.004	20410.19	958.5079	1723.286	2295.708
#3	2350.048	20974.37	962.6244	1777.010	2305.571

Reviewed By:mohan
On:1/12/2025 8:52:46 PM
Inst Id :P5

Sample Name: P5207-06 Acquired: 01/09/2025 18:56:54 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHN04 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1629701	-.041119	.4351241	.1497886	.0518080	91.09131	.9668425
Stddev	.0072076	.001095	.0019107	.0032593	.0051370	.61758	.0030755
%RSD	4.422637	2.663767	.4391041	2.175920	9.915444	.6779842	.3180935
#1	.1558594	-.042380	.4368152	.1534465	.0459474	90.58490	.9677760
#2	.1702708	-.040572	.4355058	.1471929	.0539455	91.77934	.9693431
#3	.1627800	-.040404	.4330515	.1487264	.0555312	90.90970	.9634085

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0088629	.0080969	24.54468	.1464508	.0767524	.2794523	241.9730
Stddev	.0001749	.0001781	.18074	.0007049	.0005097	.0003458	1.2093
%RSD	1.973767	2.199339	.7363646	.4813309	.6641031	.1237454	.4997614
#1	.0090590	.0079981	24.50811	.1466407	.0768764	.2797359	241.3276
#2	.0087228	.0079901	24.74091	.1456704	.0771887	.2790671	243.3681
#3	.0088071	.0083025	24.38503	.1470413	.0761921	.2795540	241.2234

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.00628	31.69338	.2547461	.0065778	.5996188	.2161743	.5885432
Stddev	.03847	.21664	.0011431	.0005905	.0131217	.0020913	.0004997
%RSD	.2563625	.6835562	.4487326	8.976619	2.188336	.9674229	.0848974
#1	14.99089	31.64271	.2559215	.0062858	.6048952	.2137706	.5886717
#2	15.05007	31.93086	.2536382	.0072574	.6092809	.2171752	.5879919
#3	14.97789	31.50656	.2546786	.0061902	.5846803	.2175771	.5889661

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.50228	4.867758	-.791784	.0110047	.8662606	11.57233	.0274538
Stddev	.13984	.006227	.007579	.0005800	.0093109	.05098	.0024032
%RSD	1.035658	.1279334	.9572064	5.270478	1.074840	.4404924	8.753502
#1	13.36462	4.865601	-.783103	.0115159	.8608904	11.51648	.0249314
#2	13.49804	4.862896	-.797081	.0111238	.8608793	11.61634	.0297166
#3	13.64420	4.874778	-.795170	.0103744	.8770119	11.58418	.0277133

Reviewed By:mohan
On:1/12/2025 8:52:46 PM
Inst Id :P5

Sample Name: P5207-06 Acquired: 01/09/2025 18:56:54 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHN04 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.9078347	-.165783	.0769599
Stddev	.0141662	.001206	.0041896
%RSD	1.560434	.7273019	5.443811
#1	.8977474	-.165357	.0789487
#2	.9240302	-.167144	.0721463
#3	.9017264	-.164848	.0797846

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3165.454	28361.79	1306.025	2391.551	2260.782
Stddev	3.264	19.85	3.427	1.379	4.578
%RSD	.1031065	.0699804	.2624263	.0576493	.2025039
#1	3163.120	28339.62	1309.803	2393.093	2265.763
#2	3164.059	28367.86	1303.115	2391.120	2256.758
#3	3169.184	28377.90	1305.158	2390.439	2259.823

Reviewed By:mohan
On:1/12/2025 8:52:46 PM
Inst Id :P5

Sample Name: P5207-07 Acquired: 01/09/2025 19:00:39 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHN05 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0718848	-.007692	.1604842	.0456014	.0267240	57.46988
Stddev	.0047499	.001967	.0022872	.0090313	.0033999	.83029
%RSD	6.607661	25.57762	1.425193	19.80486	12.72229	1.444736
#1	.0664930	-.007617	.1620225	.0396081	.0243393	58.38622
#2	.0754513	-.009696	.1578559	.0412072	.0252156	57.25589
#3	.0737101	-.005763	.1615742	.0559889	.0306171	56.76753

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4049080	.0045882	.0034760	298.6611	.0747650	.0610843
Stddev	.0043149	.0002257	.0001418	4.2553	.0007693	.0003279
%RSD	1.065639	4.919763	4.078587	1.424778	1.028948	.5367258
#1	.4092509	.0043577	.0033124	303.5662	.0738964	.0612609
#2	.4006217	.0048088	.0035614	295.9592	.0750384	.0607060
#3	.4048514	.0045981	.0035543	296.4580	.0753603	.0612860

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2071868	156.0688	8.731136	36.61263	.1495317	.0034236
Stddev	.0017948	2.2275	.150571	.26091	.0023186	.0009244
%RSD	.8662903	1.427236	1.724526	.7126110	1.550537	27.00141
#1	.2087594	158.6382	8.903820	36.77616	.1468812	.0042102
#2	.2052315	154.8848	8.627280	36.31174	.1511836	.0024054
#3	.2075694	154.6833	8.662309	36.75000	.1505304	.0036553

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8714024	.1533335	.3613320	10.61130	F 10.30754	-.473064
Stddev	.0079467	.0019033	.0025947	.15768	.01380	.004599
%RSD	.9119444	1.241303	.7181023	1.485952	.1339288	.9722756
#1	.8623425	.1555257	.3628710	10.79316	10.29161	-.470721
#2	.8771929	.1523725	.3627887	10.51273	10.31504	-.478363
#3	.8746717	.1521023	.3583362	10.52802	10.31599	-.470107

Reviewed By:mohan
On:1/12/2025 8:52:46 PM
Inst Id :P5

Sample Name: P5207-07 Acquired: 01/09/2025 19:00:39 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHN05 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0064889	.5609931	9.249815	.0243708	1.807099	.1543874
Stddev	.0000796	.0041818	.073120	.0017485	.025491	.0027111
%RSD	1.226501	.7454282	.7905061	7.174635	1.410607	1.756018
#1	.0064083	.5585372	9.329777	.0248626	1.836284	.1575049
#2	.0065674	.5658216	9.186359	.0258207	1.789196	.1525821
#3	.0064911	.5586206	9.233308	.0224290	1.795816	.1530752

Elem	Li6707
Units	ppm
Avg	.0847634
Stddev	.0058231
%RSD	6.869852
#1	.0847103
#2	.0789670
#3	.0906129

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2713.743	24476.37	1127.094	2051.072	2122.675
Stddev	5.872	116.07	13.450	25.007	6.488
%RSD	.2163817	.4741989	1.193325	1.219200	.3056553
#1	2720.306	24367.54	1111.565	2030.222	2130.094
#2	2711.937	24463.05	1134.641	2044.198	2119.868
#3	2708.987	24598.53	1135.076	2078.797	2118.063

Reviewed By:mohan
On:1/12/2025 8:52:46 PM
Inst Id :P5

Sample Name: P5207-08 Acquired: 01/09/2025 19:04:25 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHN34 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1785472	-.018542	1.020627	.0597121	.0271415	56.80378
Stddev	.0023314	.003716	.003326	.0031329	.0054605	.52824
%RSD	1.305761	20.04196	.3258929	5.246629	20.11849	.9299413
#1	.1800490	-.022804	1.017319	.0622063	.0307476	57.39588
#2	.1758614	-.016839	1.023971	.0561958	.0208592	56.38081
#3	.1797313	-.015982	1.020590	.0607342	.0298177	56.63466

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9283558	.0049208	.0056892	56.75103	.1420098	.0438378
Stddev	.0126311	.0004226	.0000539	.48432	.0008028	.0008285
%RSD	1.360586	8.587550	.9469775	.8534182	.5652938	1.889992
#1	.9426247	.0052568	.0056271	57.25720	.1417666	.0429483
#2	.9186056	.0044464	.0057167	56.29200	.1429060	.0445875
#3	.9238370	.0050592	.0057238	56.70389	.1413567	.0439775

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3330843	130.4855	8.328346	20.77436	.1736302	.0046017
Stddev	.0054431	.9035	.085270	.38857	.0015154	.0011881
%RSD	1.634157	.6924495	1.023856	1.870424	.8727681	25.81802
#1	.3378283	131.5090	8.424076	21.20926	.1722538	.0058257
#2	.3271418	129.7983	8.260534	20.65245	.1733827	.0034532
#3	.3342828	130.1493	8.300429	20.46136	.1752541	.0045261

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4919907	.1456661	1.110069	7.921922	F 12.41742	-.404726
Stddev	.0377607	.0014421	.005476	.357998	.04324	.011437
%RSD	7.675088	.9900042	.4932890	4.519083	.3482200	2.825819
#1	.5215124	.1468726	1.116294	7.876443	12.37095	-.415694
#2	.5050189	.1440689	1.105998	7.588836	12.42485	-.392872
#3	.4494410	.1460568	1.107914	8.300486	12.45647	-.405612

Reviewed By:mohan
On:1/12/2025 8:52:46 PM
Inst Id :P5

Sample Name: P5207-08 Acquired: 01/09/2025 19:04:25 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHN34 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0135636	4.010809	9.435880	.0513857	.8279224	.0101796
Stddev	.0006224	.019389	.158205	.0022376	.0091614	.0011397
%RSD	4.588651	.4834191	1.676633	4.354456	1.106559	11.19608
#1	.0140939	3.989516	9.575942	.0539476	.8372917	.0108168
#2	.0137184	4.027446	9.264282	.0498145	.8274916	.0088638
#3	.0128784	4.015465	9.467415	.0503949	.8189840	.0108581

Elem	Li6707
Units	ppm
Avg	.0385770
Stddev	.0039503
%RSD	10.24009
#1	.0411457
#2	.0340283
#3	.0405571

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2512.307	22620.07	1031.185	1886.955	2338.686
Stddev	5.229	191.58	12.087	15.185	4.585
%RSD	.2081439	.8469571	1.172164	.8047508	.1960432
#1	2512.538	22590.95	1018.071	1881.253	2341.227
#2	2506.966	22444.72	1041.880	1875.447	2333.393
#3	2517.417	22824.55	1033.603	1904.166	2341.437

Reviewed By:mohan
On:1/12/2025 8:52:46 PM
Inst Id :P5

Sample Name: P5207-09 Acquired: 01/09/2025 19:08:13 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHN35 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4233787	-.042051	1.661021	.1250608	.0584672	69.27814
Stddev	.0076419	.000649	.001707	.0023644	.0015557	.45150
%RSD	1.804990	1.543530	.1027834	1.890604	2.660793	.6517159
#1	.4145564	-.041678	1.659422	.1263358	.0602484	69.07687
#2	.4276335	-.042801	1.660822	.1223326	.0573746	68.96228
#3	.4279462	-.041675	1.662819	.1265141	.0577787	69.79527

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.309813	.0074261	.0078380	50.76043	.1433319	.0331976
Stddev	.008931	.0001692	.0001044	.40355	.0013894	.0009050
%RSD	.6818290	2.278331	1.332020	.7950130	.9693836	2.726151
#1	1.301444	.0074570	.0078403	50.36340	.1433263	.0324656
#2	1.308779	.0075777	.0077324	50.74769	.1447241	.0342095
#3	1.319216	.0072436	.0079412	51.17020	.1419453	.0329177

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5129157	232.0619	11.35430	21.74903	.2158714	.0081176
Stddev	.0073315	1.3868	.06201	.25834	.0008071	.0013660
%RSD	1.429371	.5975970	.5460959	1.187844	.3738781	16.82711
#1	.5101191	230.8518	11.30764	21.45617	.2155961	.0068254
#2	.5073941	231.7588	11.33061	21.84631	.2152380	.0079803
#3	.5212338	233.5752	11.42466	21.94461	.2167802	.0095470

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7952124	.1937758	1.434549	9.287652	F 16.70269	-.755748
Stddev	.0176358	.0032214	.007312	.236205	.06666	.018874
%RSD	2.217751	1.662422	.5096961	2.543221	.3991257	2.497414
#1	.7749605	.1916457	1.426601	9.399700	16.63510	-.750643
#2	.8071869	.1922001	1.436056	9.016275	16.70460	-.739951
#3	.8034898	.1974818	1.440989	9.446982	16.76838	-.776649

Reviewed By:mohan
On:1/12/2025 8:52:46 PM
Inst Id :P5

Sample Name: P5207-09 Acquired: 01/09/2025 19:08:13 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHN35 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0133621	2.894987	7.972686	.0904736	.8713592	-.079175
Stddev	.0012431	.003683	.121146	.0019703	.0033627	.000368
%RSD	9.303313	.1272342	1.519511	2.177787	.3859199	.4649591
#1	.0119944	2.892933	7.914071	.0891814	.8718451	-.078753
#2	.0144232	2.892789	7.891996	.0894980	.8744525	-.079345
#3	.0136687	2.899240	8.111991	.0927414	.8677799	-.079427

Elem	Li6707
Units	ppm
Avg	.0515089
Stddev	.0066003
%RSD	12.81391
#1	.0446103
#2	.0577637
#3	.0521528

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2617.900	23765.97	1083.611	1981.086	2306.951
Stddev	7.220	199.59	10.801	8.857	1.933
%RSD	.2758055	.8398306	.9967467	.4470655	.0837716
#1	2613.522	23639.51	1087.229	1975.953	2305.132
#2	2626.234	23662.33	1092.138	1975.991	2308.980
#3	2613.944	23996.06	1071.465	1991.313	2306.743

Reviewed By:mohan
On:1/12/2025 8:52:46 PM
Inst Id :P5

Sample Name: P5207-10 Acquired: 01/09/2025 19:11:59 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHN36 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4415159	-.021567	1.414340	.0946349	.0395428	70.56016
Stddev	.0058480	.002439	.003482	.0037327	.0050454	.08987
%RSD	1.324534	11.31068	.2462116	3.944267	12.75949	.1273619
#1	.4384097	-.024126	1.418331	.0927840	.0442315	70.50714
#2	.4482616	-.019269	1.411920	.0921894	.0401931	70.50942
#3	.4378764	-.021306	1.412770	.0989313	.0342037	70.66392

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.351464	.0067766	.0070256	52.66259	.1243460	.0598582
Stddev	.005560	.0001437	.0001351	.20493	.0015086	.0007390
%RSD	.4114314	2.119809	1.923232	.3891381	1.213200	1.234516
#1	1.347465	.0066107	.0071795	52.68663	.1255046	.0603334
#2	1.357814	.0068599	.0069710	52.85445	.1248932	.0602343
#3	1.349113	.0068591	.0069263	52.44671	.1226402	.0590068

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4602235	173.4303	12.57663	22.78592	.1793769	.0076405
Stddev	.0019601	.5675	.06501	.09190	.0014470	.0008017
%RSD	.4258968	.3272298	.5168878	.4033166	.8066752	10.49247
#1	.4605198	172.7843	12.51313	22.71209	.1800885	.0068225
#2	.4581321	173.6582	12.64304	22.75682	.1777119	.0084248
#3	.4620185	173.8485	12.57371	22.88885	.1803302	.0076741

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6476420	.1802083	1.456556	8.653630	F 14.59859	-.547029
Stddev	.0097526	.0007697	.009149	.273682	.06644	.000937
%RSD	1.505857	.4270963	.6281359	3.162630	.4550893	.1713725
#1	.6363965	.1798161	1.458461	8.716335	14.67506	-.546943
#2	.6527484	.1797137	1.464603	8.890518	14.55507	-.546137
#3	.6537810	.1810950	1.446604	8.354037	14.56563	-.548006

Reviewed By:mohan
On:1/12/2025 8:52:46 PM
Inst Id :P5

Sample Name: P5207-10 Acquired: 01/09/2025 19:11:59 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHN36 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0113692	2.925436	8.255123	.0637123	.8846146	.0027339
Stddev	.0007627	.020649	.041973	.0005917	.0103168	.0003738
%RSD	6.707997	.7058273	.5084536	.9287739	1.166249	13.67135
#1	.0122442	2.947892	8.233273	.0642223	.8736540	.0027543
#2	.0108450	2.907268	8.228581	.0638511	.8941367	.0030971
#3	.0110186	2.921147	8.303514	.0630635	.8860531	.0023504

Elem	Li6707
Units	ppm
Avg	.0470021
Stddev	.0094365
%RSD	20.07682
#1	.0370050
#2	.0482466
#3	.0557546

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2658.971	24292.11	1105.611	2008.514	2302.936
Stddev	11.854	137.50	1.683	17.458	14.154
%RSD	.4458226	.5660180	.1522648	.8692191	.6146084
#1	2648.815	24187.78	1105.936	1998.402	2288.974
#2	2671.997	24240.62	1107.108	1998.467	2317.274
#3	2656.102	24447.92	1103.789	2028.673	2302.560

Reviewed By:mohan
On:1/12/2025 8:52:46 PM
Inst Id :P5

Sample Name: P5207-11 Acquired: 01/09/2025 19:15:46 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHN37 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4814372	-.025854	.6861354	.1182516	.0482665	81.83732
Stddev	.0061090	.001321	.0018519	.0051456	.0072666	.41908
%RSD	1.268909	5.108905	.2699079	4.351417	15.05506	.5120919
#1	.4797531	-.025091	.6840166	.1241555	.0451803	81.38834
#2	.4763469	-.027379	.6869443	.1158787	.0430524	81.90546
#3	.4882116	-.025092	.6874452	.1147206	.0565667	82.21815

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.113453	.0070480	.0063434	49.53931	.1191507	.0752749
Stddev	.009175	.0003540	.0001064	.28876	.0006669	.0017526
%RSD	.8240583	5.022244	1.677726	.5828814	.5597023	2.328286
#1	1.112242	.0072349	.0062666	49.57008	.1195733	.0771955
#2	1.104943	.0072693	.0062986	49.23640	.1183819	.0748670
#3	1.123174	.0066397	.0064649	49.81145	.1194969	.0737623

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4328608	204.1691	16.05915	29.17096	.2055590	.0075872
Stddev	.0018390	1.7658	.11735	.09714	.0000620	.0006547
%RSD	.4248392	.8648847	.7307345	.3329877	.0301584	8.629198
#1	.4349842	202.5566	15.95588	29.06039	.2056302	.0068327
#2	.4317937	203.8945	16.03480	29.20998	.2055294	.0080052
#3	.4318044	206.0561	16.18676	29.24253	.2055173	.0079237

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6122533	.2015067	.8166129	7.879487	F 12.59760	-.643384
Stddev	.0053868	.0006090	.0070160	.451739	.01893	.003374
%RSD	.8798303	.3022214	.8591636	5.733100	.1502622	.5244902
#1	.6183452	.2015927	.8211139	7.550788	12.60956	-.647000
#2	.6102952	.2020681	.8201961	7.693071	12.57578	-.640319
#3	.6081194	.2008593	.8085289	8.394601	12.60747	-.642833

Reviewed By:mohan
On:1/12/2025 8:52:46 PM
Inst Id :P5

Sample Name: P5207-11 Acquired: 01/09/2025 19:15:46 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHN37 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0123288	2.051642	3.276838	.0376073	.9870498	-.055157
Stddev	.0005871	.004779	.008417	.0002087	.0090706	.001205
%RSD	4.761712	.2329297	.2568764	.5550166	.9189566	2.185545
#1	.0124977	2.051982	3.285612	.0373664	.9925733	-.054029
#2	.0128130	2.046702	3.276073	.0377214	.9765814	-.055016
#3	.0116758	2.056242	3.268829	.0377340	.9919948	-.056427

Elem	Li6707
Units	ppm
Avg	.0861560
Stddev	.0041032
%RSD	4.762547
#1	.0906536
#2	.0826167
#3	.0851978

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2790.543	25630.77	1153.339	2088.863	2269.503
Stddev	2.768	111.31	5.040	5.907	6.344
%RSD	.0991803	.4342907	.4370193	.2827974	.2795261
#1	2793.265	25600.16	1149.120	2085.021	2263.837
#2	2790.632	25754.18	1158.920	2085.903	2276.357
#3	2787.732	25537.97	1151.977	2095.665	2268.314

Reviewed By:mohan
On:1/12/2025 8:52:46 PM
Inst Id :P5

Sample Name: P5207-12 Acquired: 01/09/2025 19:19:32 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHN38 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1406686	.0206650	.2454312	.0209034	.0129559	45.87882
Stddev	.0069584	.0041923	.0035025	.0089207	.0028050	.22785
%RSD	4.946685	20.28681	1.427070	42.67567	21.65001	.4966279
#1	.1424038	.0202947	.2432381	.0157239	.0158903	46.12264
#2	.1465952	.0166702	.2435850	.0157823	.0103013	45.67130
#3	.1330067	.0250301	.2494706	.0312041	.0126761	45.84252

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5011927	.0043524	.0030562	F 917.2602	.0727177	.0914097
Stddev	.0016117	.0002536	.0001065	4.2426	.0011571	.0010587
%RSD	.3215747	5.825588	3.485360	.4625330	1.591197	1.158157
#1	.5029132	.0045304	.0031791	922.1500	.0739751	.0905213
#2	.4997180	.0044648	.0029913	915.0748	.0716978	.0911267
#3	.5009471	.0040621	.0029981	914.5557	.0724801	.0925811

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2897530	131.7220	10.40106	201.8319	.1279746	.0044715
Stddev	.0034707	.8223	.05058	.9351	.0010294	.0015558
%RSD	1.197831	.6242316	.4863216	.4632850	.8044003	34.79347
#1	.2924317	132.5920	10.45927	202.8449	.1270786	.0041419
#2	.2909951	131.6164	10.37618	201.0018	.1290991	.0061657
#3	.2858321	130.9577	10.36774	201.6492	.1277462	.0031070

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.223301	.1190504	.4004979	5.675985	8.185608	-.345264
Stddev	.016372	.0013383	.0020652	.142976	.021490	.002883
%RSD	1.338339	1.124168	.5156682	2.518964	.2625309	.8348731
#1	1.223544	.1204356	.3981180	5.725635	8.168767	-.348575
#2	1.239550	.1189510	.4018192	5.514803	8.209811	-.343900
#3	1.206809	.1177645	.4015566	5.787517	8.178246	-.343317

Reviewed By:mohan
On:1/12/2025 8:52:46 PM
Inst Id :P5

Sample Name: P5207-12 Acquired: 01/09/2025 19:19:32 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHN38 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0079045	1.555761	5.511948	.0237322	.6128992	.5836543
Stddev	.0009068	.004360	.060105	.0007931	.0043952	.0019424
%RSD	11.47194	.2802685	1.090448	3.342062	.7171182	.3327994
#1	.0086031	1.550757	5.567692	.0231881	.6131134	.5854694
#2	.0082305	1.558743	5.519881	.0233663	.6171834	.5816057
#3	.0068797	1.557784	5.448270	.0246423	.6084008	.5838878

Elem	Li6707
Units	ppm
Avg	.0496698
Stddev	.0103886
%RSD	20.91521
#1	.0411547
#2	.0466102
#3	.0612446

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2319.033	21083.91	989.2116	1740.515	1912.201
Stddev	.971	50.07	8.2472	3.178	1.499
%RSD	.0418547	.2375008	.8337141	.1825789	.0783844
#1	2319.948	21064.81	981.2408	1743.232	1913.830
#2	2318.015	21140.72	988.6840	1741.292	1911.893
#3	2319.135	21046.20	997.7099	1737.021	1910.881

Reviewed By:mohan
On:1/12/2025 8:52:46 PM
Inst Id :P5

Sample Name: P5207-16 Acquired: 01/09/2025 19:23:20 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHN54 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1792916	-.029645	3.201442	.0966751	.0471356	80.53240
Stddev	.0027028	.001889	.004783	.0049596	.0056773	.40276
%RSD	1.507512	6.373761	.1494018	5.130212	12.04468	.5001259
#1	.1820040	-.027465	3.206817	.1021716	.0442726	80.95173
#2	.1792724	-.030655	3.197654	.0953193	.0536744	80.49690
#3	.1765984	-.030814	3.199854	.0925343	.0434597	80.14855

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.339765	.0083939	.0097594	61.74566	.1936916	.0391587
Stddev	.005752	.0002988	.0000777	.38379	.0008532	.0010557
%RSD	.1722222	3.559844	.7959942	.6215651	.4405047	2.695829
#1	3.345677	.0084698	.0097636	62.18749	.1941129	.0395081
#2	3.339430	.0080644	.0096797	61.49497	.1927097	.0379726
#3	3.334188	.0086473	.0098349	61.55453	.1942522	.0399953

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5580754	178.3275	5.622868	22.12057	.2289233	.0079943
Stddev	.0032189	.7308	.029230	.25678	.0009039	.0010178
%RSD	.5767817	.4098235	.5198391	1.160822	.3948625	12.73133
#1	.5611077	178.7517	5.649627	21.85627	.2288028	.0081416
#2	.5584208	178.7472	5.627301	22.36910	.2298814	.0089303
#3	.5546978	177.4836	5.591674	22.13633	.2280857	.0069108

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8940092	.2341207	3.802275	15.35159	F 18.23518	-.532746
Stddev	.0079669	.0022662	.017488	.19055	.04028	.004754
%RSD	.8911467	.9679465	.4599397	1.241261	.2208809	.8922999
#1	.9006821	.2351358	3.785621	15.15908	18.18991	-.535965
#2	.8961569	.2357019	3.820492	15.35557	18.26707	-.534986
#3	.8851885	.2315245	3.800711	15.54013	18.24854	-.527286

Reviewed By:mohan
On:1/12/2025 8:52:46 PM
Inst Id :P5

Sample Name: P5207-16 Acquired: 01/09/2025 19:23:20 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHN54 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0136593	4.673786	12.84249	.2419581	.9185171	.0499764
Stddev	.0005994	.012316	.08372	.0012216	.0018341	.0003118
%RSD	4.388244	.2635093	.6518919	.5048742	.1996816	.6239398
#1	.0138621	4.663723	12.91810	.2421439	.9187564	.0502679
#2	.0141310	4.670115	12.85686	.2430761	.9202198	.0496476
#3	.0129848	4.687520	12.75252	.2406543	.9165751	.0500135

Elem	Li6707
Units	ppm
Avg	.0885283
Stddev	.0079039
%RSD	8.928064
#1	.0941998
#2	.0918849
#3	.0795001

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2682.516	24592.86	1094.630	2001.637	2308.503
Stddev	1.853	95.20	4.862	11.679	4.275
%RSD	.0690718	.3870884	.4441336	.5834972	.1851815
#1	2684.649	24553.89	1089.270	2010.743	2313.087
#2	2681.304	24701.35	1098.755	2005.700	2307.797
#3	2681.596	24523.32	1095.865	1988.469	2304.626

Reviewed By:mohan
On:1/12/2025 8:52:46 PM
Inst Id :P5

Sample Name: P5207-17 Acquired: 01/09/2025 19:27:06 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHN55 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1938625	-.035253	3.127937	.1004512	.0474556	81.36863
Stddev	.0062722	.001018	.013484	.0063108	.0034264	.18906
%RSD	3.235405	2.886473	.4310874	6.282463	7.220240	.2323552
#1	.1984669	-.034089	3.123077	.0944726	.0502806	81.57831
#2	.1867187	-.035976	3.117558	.0998324	.0436442	81.21115
#3	.1964018	-.035693	3.143178	.1070486	.0484422	81.31644

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.269938	.0086332	.0096058	41.91562	.1686885	.0326496
Stddev	.009899	.0001511	.0000406	.09274	.0004341	.0012248
%RSD	.3027226	1.750048	.4228166	.2212442	.2573577	3.751422
#1	3.261422	.0087149	.0096208	41.83368	.1688477	.0312374
#2	3.267592	.0087259	.0096368	41.89687	.1681972	.0334221
#3	3.280799	.0084589	.0095598	42.01629	.1690206	.0332894

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6550757	181.9180	6.048785	20.21655	.2118990	.0077259
Stddev	.0032935	.7191	.026334	.09997	.0018290	.0006791
%RSD	.5027716	.3953045	.4353537	.4944947	.8631465	8.789607
#1	.6584598	182.2365	6.045330	20.32396	.2137575	.0084899
#2	.6518809	181.0946	6.024350	20.19947	.2101010	.0074967
#3	.6548865	182.4229	6.076676	20.12622	.2118385	.0071911

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7691142	.2524099	4.107951	12.35695	F 11.76422	-.562806
Stddev	.0417267	.0013215	.010479	.28211	.02756	.010154
%RSD	5.425296	.5235397	.2550802	2.282976	.2342850	1.804093
#1	.8172956	.2530879	4.096456	12.09307	11.73486	-.567468
#2	.7452142	.2508870	4.110431	12.32349	11.76827	-.551159
#3	.7448328	.2532547	4.116968	12.65430	11.78953	-.569791

Reviewed By:mohan
On:1/12/2025 8:52:46 PM
Inst Id :P5

Sample Name: P5207-17 Acquired: 01/09/2025 19:27:06 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHN55 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0113961	3.658706	12.53772	.2756492	.9269931	.0299917
Stddev	.0015719	.010752	.06040	.0014046	.0011024	.0002450
%RSD	13.79363	.2938865	.4817622	.5095645	.1189175	.8169753
#1	.0109517	3.650125	12.59624	.2755392	.9258397	.0302697
#2	.0100943	3.670768	12.47560	.2743028	.9280361	.0298986
#3	.0131425	3.655226	12.54132	.2771056	.9271034	.0298069

Elem	Li6707
Units	ppm
Avg	.1021721
Stddev	.0050505
%RSD	4.943165
#1	.0964931
#2	.1038625
#3	.1061605

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2650.004	24283.75	1090.384	1992.228	2317.966
Stddev	12.576	90.14	5.491	7.003	8.585
%RSD	.4745761	.3711937	.5035629	.3515223	.3703875
#1	2650.625	24217.46	1084.194	1999.236	2320.413
#2	2637.129	24247.40	1094.665	1985.230	2308.423
#3	2662.259	24386.39	1092.294	1992.217	2325.063

Reviewed By:mohan
On:1/12/2025 8:52:46 PM
Inst Id :P5

Sample Name: P5207-18 Acquired: 01/09/2025 19:30:53 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHN56 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1682715	-.036630	2.088077	.1023267	.0405873	74.72197	2.399941
Stddev	.0038944	.002730	.005866	.0017199	.0023324	.32102	.005533
%RSD	2.314332	7.452750	.2809077	1.680812	5.746679	.4296250	.2305364
#1	.1652094	-.038414	2.081475	.1035982	.0408032	75.00460	2.396338
#2	.1726546	-.033487	2.090072	.1030120	.0381545	74.78837	2.406311
#3	.1669506	-.037990	2.092685	.1003697	.0428043	74.37293	2.397173

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0075217	.0062315	34.64894	.1343117	.0291986	.5221562	176.8526
Stddev	.0000537	.0001913	.08830	.0002945	.0002800	.0040423	1.0608
%RSD	.7138371	3.069243	.2548304	.2192751	.9588323	.7741636	.5998397
#1	.0075817	.0060119	34.61044	.1341154	.0289697	.5254712	177.6126
#2	.0075053	.0063609	34.74995	.1341694	.0295107	.5233444	177.3046
#3	.0074781	.0063218	34.58643	.1346504	.0291152	.5176529	175.6407

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.805457	19.42776	.1644058	.0057245	.6435783	.2129337	2.149115
Stddev	.017322	.23227	.0003158	.0003017	.0256694	.0017335	.007927
%RSD	.2983664	1.195536	.1921050	5.270194	3.988541	.8141280	.3688301
#1	5.818497	19.68420	.1644787	.0056335	.6609397	.2149230	2.153073
#2	5.812072	19.36757	.1640599	.0054788	.6140925	.2117455	2.154284
#3	5.785803	19.23152	.1646788	.0060612	.6557028	.2121328	2.139989

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.221102	8.542832	-.565601	.0094577	2.766296	12.49869	.1602284
Stddev	.044295	.017370	.003483	.0007547	.009541	.08440	.0026088
%RSD	.5387968	.2033277	.6157940	7.980164	.3449140	.6752509	1.628156
#1	8.203767	8.522822	-.567519	.0092755	2.757254	12.58039	.1608075
#2	8.271443	8.551652	-.567704	.0088107	2.765364	12.50385	.1573788
#3	8.188097	8.554022	-.561581	.0102869	2.776269	12.41183	.1624990

Reviewed By:mohan
On:1/12/2025 8:52:46 PM
Inst Id :P5

Sample Name: P5207-18 Acquired: 01/09/2025 19:30:53 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHN56 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.7498887	-.007503	.0880067
Stddev	.0064600	.000959	.0085742
%RSD	.8614639	12.78014	9.742640
#1	.7573435	-.006972	.0927341
#2	.7459359	-.008610	.0931766
#3	.7463866	-.006927	.0781094

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2661.459	24082.79	1087.408	2001.189	2347.203
Stddev	11.452	51.68	7.779	6.620	8.695
%RSD	.4302914	.2145993	.7154148	.3308229	.3704592
#1	2674.222	24028.89	1078.795	1993.709	2356.652
#2	2658.073	24131.93	1089.506	2003.561	2345.421
#3	2652.081	24087.54	1093.923	2006.296	2339.537

Reviewed By:mohan
On:1/12/2025 8:52:46 PM
Inst Id :P5

Sample Name: P5207-19 Acquired: 01/09/2025 19:34:39 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHN57 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1324706	-.030593	.5510049	.0993973	.0371083	68.51578	1.288396
Stddev	.0044741	.002083	.0016266	.0030050	.0009822	.16723	.010097
%RSD	3.377434	6.808501	.2952018	3.023187	2.646742	.2440778	.7837104
#1	.1334156	-.028362	.5503610	.0981351	.0382369	68.68311	1.295050
#2	.1363967	-.030930	.5528548	.0972294	.0364478	68.34865	1.293361
#3	.1275995	-.032486	.5497988	.1028276	.0366401	68.51559	1.276778

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0065666	.0037405	28.55270	.1115856	.0264757	.2525707	176.8438
Stddev	.0003869	.0001517	.12413	.0012813	.0007923	.0039973	.3835
%RSD	5.891656	4.054807	.4347488	1.148282	2.992415	1.582631	.2168714
#1	.0069280	.0037082	28.57340	.1101685	.0267567	.2552411	177.0591
#2	.0066132	.0036076	28.66518	.1126624	.0255812	.2544957	177.0713
#3	.0061585	.0039057	28.41952	.1119260	.0270892	.2479751	176.4010

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.658558	22.49625	.1437702	.0045901	.5559563	.1811303	.7736389
Stddev	.023116	.08469	.0019796	.0009276	.0038699	.0007145	.0025403
%RSD	.2669770	.3764819	1.376881	20.20844	.6960848	.3944868	.3283632
#1	8.680923	22.57723	.1428032	.0035280	.5536843	.1808374	.7729525
#2	8.634757	22.50323	.1460474	.0050010	.5537599	.1819447	.7715123
#3	8.659994	22.40828	.1424601	.0052412	.5604247	.1806087	.7764520

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.848176	6.028739	-.569882	.0082756	1.455244	11.25375	.0485498
Stddev	.098700	.017794	.009662	.0011541	.003847	.10053	.0014686
%RSD	1.687709	.2951587	1.695464	13.94564	.2643498	.8932661	3.024955
#1	5.740694	6.015377	-.566822	.0092727	1.459633	11.26743	.0472597
#2	5.869092	6.021903	-.580704	.0085428	1.452457	11.34674	.0482417
#3	5.934741	6.048938	-.562120	.0070114	1.453642	11.14709	.0501480

Reviewed By:mohan
On:1/12/2025 8:52:46 PM
Inst Id :P5

Sample Name: P5207-19 Acquired: 01/09/2025 19:34:39 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHN57 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.5959506	-.066555	.0644045
Stddev	.0146733	.000134	.0087279
%RSD	2.462158	.2009947	13.55167
#1	.6119662	-.066677	.0544918
#2	.5927315	-.066576	.0709356
#3	.5831542	-.066412	.0677860

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2723.455	24834.66	1117.615	2036.602	2352.344
Stddev	7.166	24.34	8.106	8.038	4.839
%RSD	.2631075	.0980157	.7252914	.3946526	.2057263
#1	2719.427	24811.76	1114.503	2035.081	2354.016
#2	2731.728	24860.22	1111.526	2045.291	2356.126
#3	2719.210	24832.00	1126.816	2029.434	2346.890

Reviewed By:mohan
On:1/12/2025 8:52:46 PM
Inst Id :P5

Sample Name: CCV140 Acquired: 01/09/2025 19:38:26 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV140 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.990227	4.766833	24.35267	4.975227	4.934145	393.6037
Stddev	.018652	.048255	.25349	.039214	.063596	2.3102
%RSD	.3737672	1.012303	1.040913	.7881859	1.288893	.5869355
#1	4.972178	4.745186	24.16729	4.938261	4.875931	396.0273
#2	4.989076	4.733193	24.24919	4.971064	4.924487	393.3570
#3	5.009428	4.822121	24.64153	5.016357	5.002018	391.4267

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.978037	.5015244	2.458280	400.0355	15.28550	2.380914
Stddev	.021921	.0029723	.023131	.2108	.07286	.023299
%RSD	.2196947	.5926611	.9409491	.0526862	.4766430	.9785764
#1	9.956167	.5045758	2.441974	400.2534	15.28575	2.366307
#2	9.977936	.5013595	2.448112	400.0203	15.21252	2.368652
#3	10.00001	.4986380	2.484753	399.8327	15.35824	2.407784

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.91602	394.1334	14.19833	391.1103	2.479653	1.252486
Stddev	.08595	1.7117	.04444	1.3799	.021569	.008983
%RSD	.5762474	.4342872	.3130179	.3528195	.8698549	.7171861
#1	14.99206	395.7387	14.24900	391.9415	2.463867	1.252817
#2	14.93325	394.3292	14.18003	391.8721	2.470863	1.243342
#3	14.82276	392.3322	14.16596	389.5175	2.504230	1.261298

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	416.0986	2.438314	14.39859	153.8227	4.859318	F 4.136800
Stddev	2.8574	.013696	.04890	.3159	.042974	.025117
%RSD	.6867006	.5616836	.3396339	.2053625	.8843532	.6071560
#1	417.0188	2.448930	14.35128	153.5553	4.834561	4.164406
#2	418.3825	2.443156	14.39553	153.7415	4.834454	4.130697
#3	412.8945	2.422855	14.44894	154.1713	4.908940	4.115298

Reviewed By:mohan
On:1/12/2025 8:52:46 PM
Inst Id :P5

Sample Name: CCV140 Acquired: 01/09/2025 19:38:26 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV140 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.824634	4.917320	F 7.940407	4.936126	4.905323	4.634113
Stddev	.064978	.061840	.046354	.051764	.037251	.019271
%RSD	1.346787	1.257591	.5837769	1.048669	.7594068	.4158428
#1	4.775090	4.872909	7.980450	4.894513	4.916130	4.642065
#2	4.800608	4.891100	7.951144	4.919775	4.935975	4.648136
#3	4.898203	4.987950	7.889626	4.994091	4.863862	4.612139

Elem	Li6707
Units	ppm
Avg	4.971811
Stddev	.026694
%RSD	.5369002
#1	4.942096
#2	4.979575
#3	4.993762

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1810.002	16856.13	824.8966	1370.053	1795.735
Stddev	19.052	74.12	5.2121	6.269	14.205
%RSD	1.052596	.4397036	.6318533	.4575626	.7910165
#1	1822.489	16881.81	820.7373	1376.692	1802.374
#2	1819.444	16914.00	823.2091	1369.232	1805.404
#3	1788.073	16772.59	830.7435	1364.235	1779.427

Reviewed By:mohan
On:1/12/2025 8:52:46 PM
Inst Id :P5

Sample Name: CCB140 Acquired: 01/09/2025 19:42:12 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB140 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0029645	-.000793	.0010762	-.007489	.0028418	-.027541
Stddev	.0076384	.005072	.0022220	.006799	.0058743	.020886
%RSD	257.6679	639.3485	206.4588	90.78303	206.7075	75.83369
#1	.0076975	-.005171	-.001041	-.014012	.0084049	-.003677
#2	-.005848	-.001974	.003390	-.008011	.0034212	-.042485
#3	.007043	.004765	.000880	-.000444	-.003301	-.036462

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.005199	-.000230	.0000697	.0159780	-.000858	.0002303
Stddev	.005417	.000201	.0000097	.0233281	.001021	.0002957
%RSD	104.1883	87.78303	13.85543	146.0015	118.9402	128.3925
#1	-.010956	-.000009	.0000806	-.010187	-.000869	.0000627
#2	-.004437	-.000276	.0000667	.034604	-.001873	.0000565
#3	-.000203	-.000403	.0000619	.023517	.000168	.0005716

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004471	-.053899	.0039301	.0577196	.0000686	-.001682
Stddev	.0010221	.034141	.0045292	.0888493	.0000381	.001277
%RSD	228.5948	63.34174	115.2446	153.9328	55.46651	75.90195
#1	.0012266	-.087737	.0045527	.0337006	.0001016	-.000394
#2	.0008249	-.054497	-.000878	-.016651	.0000270	-.002947
#3	-.000710	-.019463	.008116	.156109	.0000774	-.001705

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0195553	.0003512	.0009150	.6724836	.0004870	.0191110
Stddev	.0058731	.0011768	.0011043	.4216772	.0003582	.0029186
%RSD	30.03310	335.0648	120.6827	62.70446	73.55268	15.27160
#1	.0261083	.0017018	.0008589	.5967568	.0000868	.0220810
#2	.0147666	-.000454	.0020462	1.126893	.0007776	.0190052
#3	.0177910	-.000195	-.000160	.293801	.0005967	.0162468

Reviewed By:mohan
On:1/12/2025 8:52:46 PM
Inst Id :P5

Sample Name: CCB140 Acquired: 01/09/2025 19:42:12 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB140 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004683	.0062640	-.000069	-.000375	.0137698	.0003942
Stddev	.0005707	.0011033	.004081	.000799	.0104437	.0004614
%RSD	121.8624	17.61321	5900.232	212.8700	75.84523	117.0554
#1	.0006851	.0050422	.001883	-.000423	.0251291	.0000976
#2	.0008988	.0071873	-.004760	.000446	.0045836	.0009257
#3	-.000179	.0065627	.002669	-.001150	.0115967	.0001591

Elem	Li6707
Units	ppm
Avg	F .0332163
Stddev	.0033188
%RSD	9.991388
#1	.0333915
#2	.0298134
#3	.0364440

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2225.896	20213.51	895.2899	1665.132	2613.106
Stddev	11.909	118.10	4.5459	12.313	15.722
%RSD	.5350069	.5842670	.5077536	.7394776	.6016596
#1	2214.913	20077.22	890.0424	1652.037	2597.806
#2	2224.221	20277.79	897.8000	1676.477	2612.293
#3	2238.553	20285.53	898.0273	1666.881	2629.219

Reviewed By:mohan
On:1/12/2025 8:52:46 PM
Inst Id :P5

Sample Name: P5207-20 Acquired: 01/09/2025 19:46:11 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHN58 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1763405	-.027030	.6589169	.1320880	.0530863	71.50085
Stddev	.0036523	.001978	.0035911	.0009277	.0025827	.47395
%RSD	2.071179	7.316666	.5449985	.7023138	4.865148	.6628595
#1	.1804105	-.024790	.6599582	.1329818	.0509599	71.39733
#2	.1733484	-.028533	.6549202	.1321524	.0559604	72.01801
#3	.1752626	-.027768	.6618722	.1311298	.0523385	71.08722

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.543783	.0065121	.0060704	72.81630	.1248318	.0672388
Stddev	.016161	.0002288	.0001763	.43469	.0012469	.0012421
%RSD	1.046816	3.513930	2.904198	.5969640	.9988751	1.847309
#1	1.547616	.0065664	.0062447	72.68630	.1259410	.0675130
#2	1.557683	.0062610	.0058922	73.30115	.1250722	.0658825
#3	1.526051	.0067090	.0060743	72.46145	.1234822	.0683209

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3245642	229.6085	19.18589	33.36977	.2128547	.0084747
Stddev	.0014367	1.7054	.13865	.38995	.0026197	.0005709
%RSD	.4426452	.7427316	.7226481	1.168586	1.230754	6.736477
#1	.3255545	229.2862	19.17691	32.92543	.2155897	.0080711
#2	.3252217	231.4520	19.32881	33.65505	.2103679	.0082250
#3	.3229165	228.0872	19.05195	33.52884	.2126065	.0091279

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9203157	.1991065	.9392584	7.257420	F 11.42417	-.734185
Stddev	.0353655	.0015664	.0059844	.076494	.04915	.006216
%RSD	3.842760	.7866930	.6371376	1.054008	.4302650	.8466211
#1	.9192082	.1989817	.9323697	7.221038	11.47064	-.728204
#2	.9562219	.2007315	.9431736	7.205907	11.37271	-.740612
#3	.8855169	.1976063	.9422320	7.345314	11.42916	-.733741

Reviewed By:mohan
On:1/12/2025 8:52:46 PM
Inst Id :P5

Sample Name: P5207-20 Acquired: 01/09/2025 19:46:11 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHN58 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0091578	1.217257	8.199677	.0441199	.6262522	-.067923
Stddev	.0004966	.005821	.052813	.0003718	.0023549	.000151
%RSD	5.422775	.4782046	.6440860	.8425801	.3760269	.2225249
#1	.0085864	1.219751	8.190715	.0437222	.6235592	-.068021
#2	.0094019	1.221415	8.256398	.0444586	.6272723	-.067749
#3	.0094851	1.210604	8.151918	.0441789	.6279249	-.067999

Elem	Li6707
Units	ppm
Avg	.0953380
Stddev	.0022362
%RSD	2.345500
#1	.0927593
#2	.0965128
#3	.0967419

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2844.265	25872.75	1170.228	2134.514	2297.686
Stddev	16.384	108.51	4.810	13.653	16.047
%RSD	.5760462	.4193953	.4110012	.6396083	.6983872
#1	2832.522	25877.22	1172.297	2145.764	2287.576
#2	2862.983	25978.96	1164.730	2138.453	2316.188
#3	2837.290	25762.08	1173.656	2119.325	2289.293

Reviewed By:mohan
On:1/12/2025 8:52:46 PM
Inst Id :P5

Sample Name: P5207-21 Acquired: 01/09/2025 19:49:58 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHN59 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0510860	.0076322	.1355315	.0433692	.0264827	50.57271	.6066492
Stddev	.0029168	.0023666	.0017411	.0008034	.0065650	.26733	.0034167
%RSD	5.709568	31.00781	1.284608	1.852534	24.78993	.5286097	.5632075
#1	.0490006	.0051772	.1339447	.0433866	.0192271	50.87736	.6036004
#2	.0544191	.0098991	.1352559	.0425572	.0282086	50.46348	.6103421
#3	.0498384	.0078204	.1373939	.0441638	.0320123	50.37729	.6060050

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0044930	.0034101	504.7120	.0879666	.0700626	.1272199	150.0834
Stddev	.0004672	.0000943	2.1550	.0007202	.0004560	.0009086	.4300
%RSD	10.39827	2.764061	.4269684	.8187262	.6508980	.7142273	.2865082
#1	.0043648	.0033563	504.8194	.0885465	.0697454	.1275699	150.4467
#2	.0041033	.0035190	506.8112	.0871605	.0698572	.1261884	149.6087
#3	.0050109	.0033552	502.5053	.0881930	.0705852	.1279016	150.1948

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.70231	92.00393	.1723745	.0050571	.9623047	.1218223	.3884714
Stddev	.02742	.38486	.0006783	.0009087	.0332798	.0003421	.0039700
%RSD	.2158547	.4183045	.3935008	17.96834	3.458346	.2808142	1.021948
#1	12.73263	92.44775	.1729364	.0040998	.9458756	.1219974	.3858445
#2	12.69507	91.80156	.1725660	.0059077	1.000604	.1220415	.3865315
#3	12.67925	91.76249	.1716210	.0051639	.940434	.1214281	.3930384

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.873854	4.754878	-.414761	.0059302	.6148979	9.901761	.0250962
Stddev	.193231	.007312	.002377	.0008123	.0077521	.047451	.0013025
%RSD	1.957001	.1537733	.5730629	13.69861	1.260720	.4792203	5.190193
#1	9.654716	4.749601	-.412459	.0061099	.6230133	9.889987	.0245501
#2	10.01978	4.751809	-.417206	.0066376	.6075690	9.953991	.0265829
#3	9.94706	4.763224	-.414618	.0050430	.6141113	9.861306	.0241557

Reviewed By:mohan
On:1/12/2025 8:52:46 PM
Inst Id :P5

Sample Name: P5207-21 Acquired: 01/09/2025 19:49:58 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHN59 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.7522489	.1351145	.0919941
Stddev	.0027690	.0018085	.0070030
%RSD	.3680952	1.338484	7.612397
#1	.7490730	.1348811	.0924292
#2	.7535171	.1370283	.0987694
#3	.7541567	.1334340	.0847837

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2427.206	21795.31	1019.459	1827.202	2045.765
Stddev	9.768	113.18	5.074	9.870	9.528
%RSD	.4024206	.5192850	.4977456	.5401890	.4657250
#1	2431.037	21852.25	1020.038	1825.066	2055.299
#2	2416.103	21664.96	1014.121	1837.965	2036.244
#3	2434.477	21868.70	1024.219	1818.574	2045.752

Reviewed By:mohan
On:1/12/2025 8:52:46 PM
Inst Id :P5

Sample Name: P5207-22 Acquired: 01/09/2025 19:53:46 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHN60 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0827512	.0015140	.2845443	.0703493	.0340883	70.22489
Stddev	.0045311	.0050242	.0020001	.0131111	.0023055	.31625
%RSD	5.475557	331.8522	.7029012	18.63708	6.763203	.4503404
#1	.0872874	-.001673	.2833336	.0595219	.0321543	70.56972
#2	.0827408	-.001090	.2834465	.0665991	.0366395	69.94839
#3	.0782253	.007306	.2868528	.0849268	.0334711	70.15656

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.185452	.0056595	.0063142	F 820.9292	.1274934	.0785908
Stddev	.004371	.0001017	.0000797	2.4739	.0014313	.0008047
%RSD	.3687437	1.796974	1.261610	.3013515	1.122674	1.023939
#1	1.181558	.0055988	.0062725	821.8677	.1261531	.0784829
#2	1.184619	.0056027	.0064060	818.1234	.1273260	.0778454
#3	1.190180	.0057769	.0062640	822.7965	.1290011	.0794440

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2217876	205.0117	20.87759	399.2740	.2317790	.0081766
Stddev	.0020112	.9021	.07328	1.9170	.0018797	.0015101
%RSD	.9068160	.4400187	.3509982	.4801225	.8109666	18.46882
#1	.2236640	205.0353	20.94285	400.4125	.2305053	.0068337
#2	.2196644	204.0980	20.79832	397.0608	.2308939	.0078849
#3	.2220343	205.9017	20.89160	400.3488	.2339378	.0098114

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.645526	.1553755	.6526203	11.96967	6.324385	-.549524
Stddev	.015126	.0015081	.0047515	.08934	.051804	.006231
%RSD	.9192143	.9705969	.7280630	.7464089	.8191103	1.133939
#1	1.629719	.1569733	.6563128	12.05876	6.288435	-.551531
#2	1.646996	.1551764	.6472597	11.97018	6.300956	-.554504
#3	1.659863	.1539769	.6542884	11.88008	6.383765	-.542536

Reviewed By:mohan
On:1/12/2025 8:52:46 PM
Inst Id :P5

Sample Name: P5207-22 Acquired: 01/09/2025 19:53:46 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHN60 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0076075	1.951279	11.96653	.0393915	1.053271	.1506381
Stddev	.0008611	.020027	.06935	.0019330	.013402	.0006274
%RSD	11.31985	1.026356	.5795393	4.907038	1.272461	.4164978
#1	.0074489	1.940178	12.01507	.0371923	1.068734	.1513307
#2	.0085369	1.939261	11.88710	.0408209	1.044998	.1504760
#3	.0068366	1.974398	11.99741	.0401614	1.046080	.1501077

Elem	Li6707
Units	ppm
Avg	.1297931
Stddev	.0107973
%RSD	8.318835
#1	.1403216
#2	.1187458
#3	.1303120

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2411.464	21645.34	1044.027	1823.618	1850.600
Stddev	14.196	108.95	2.562	4.511	15.731
%RSD	.5886711	.5033383	.2453530	.2473545	.8500512
#1	2424.486	21753.27	1041.441	1822.542	1864.968
#2	2413.574	21535.40	1046.564	1828.570	1853.040
#3	2396.331	21647.37	1044.077	1819.743	1833.791

Reviewed By:mohan
On:1/12/2025 8:52:46 PM
Inst Id :P5

Sample Name: P5198-01 Acquired: 01/09/2025 19:57:32 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHMN6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2087736	-.029596	5.747406	.0993627	.0452017	70.65677
Stddev	.0050283	.002118	.019599	.0057530	.0026226	.33256
%RSD	2.408506	7.157312	.3410041	5.789916	5.801889	.4706745
#1	.2082105	-.027348	5.748026	.1051397	.0472067	70.78757
#2	.2140598	-.031555	5.727504	.0936340	.0422338	70.27870
#3	.2040506	-.029884	5.766687	.0993143	.0461647	70.90405

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.070307	.0079568	.0174333	75.26557	.1687526	.0427538
Stddev	.009939	.0002356	.0000622	.43006	.0014057	.0001393
%RSD	.4800840	2.961250	.3570059	.5713921	.8330080	.3259244
#1	2.063293	.0082177	.0174106	75.15121	.1676312	.0426112
#2	2.065946	.0078931	.0175037	74.90425	.1703296	.0428896
#3	2.081681	.0077596	.0173856	75.74125	.1682970	.0427605

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4441627	196.2092	11.84303	31.14365	.2274733	.0079436
Stddev	.0010450	1.1715	.07852	.09489	.0018110	.0012918
%RSD	.2352648	.5970760	.6630272	.3046745	.7961286	16.26217
#1	.4452866	196.5921	11.81806	31.24788	.2289726	.0064520
#2	.4439811	194.8941	11.78004	31.12079	.2254613	.0086941
#3	.4432205	197.1413	11.93101	31.06228	.2279862	.0086848

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8601230	.2048580	5.179256	8.264186	F 10.04545	-.627255
Stddev	.0418154	.0005188	.023532	.164107	.00949	.010128
%RSD	4.861554	.2532514	.4543521	1.985757	.0945088	1.614660
#1	.8500488	.2052249	5.196288	8.243383	10.04974	-.638079
#2	.8242651	.2042644	5.152405	8.111473	10.03456	-.625677
#3	.9060552	.2050846	5.189076	8.437702	10.05203	-.618009

Reviewed By:mohan
On:1/12/2025 8:52:46 PM
Inst Id :P5

Sample Name: P5198-01 Acquired: 01/09/2025 19:57:32 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHMN6 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0108019	3.878533	12.48877	.1680551	.8108013	-.004504
Stddev	.0006607	.004501	.04358	.0017665	.0153658	.000570
%RSD	6.116345	.1160405	.3489593	1.051158	1.895140	12.66320
#1	.0100508	3.874339	12.53755	.1681756	.8128389	-.004097
#2	.0110617	3.877972	12.45365	.1662314	.7945183	-.004259
#3	.0112932	3.883288	12.47512	.1697583	.8250466	-.005156

Elem	Li6707
Units	ppm
Avg	.0643628
Stddev	.0048785
%RSD	7.579673
#1	.0656927
#2	.0589573
#3	.0684384

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2605.858	23476.35	1072.961	1973.617	2308.719
Stddev	3.539	109.60	5.289	12.692	1.154
%RSD	.1358164	.4668325	.4929532	.6430958	.0499991
#1	2606.702	23584.56	1071.487	1975.549	2309.335
#2	2608.899	23479.07	1078.831	1985.232	2309.434
#3	2601.973	23365.42	1068.565	1960.069	2307.387

Reviewed By:mohan
On:1/12/2025 8:52:46 PM
Inst Id :P5

Sample Name: P5198-02 Acquired: 01/09/2025 20:01:19 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHMN7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1802295	-.025433	4.668743	.0936435	.0384153	63.36603	1.841583
Stddev	.0033691	.001771	.010979	.0081060	.0048432	.32869	.008979
%RSD	1.869318	6.964584	.2351676	8.656199	12.60756	.5187199	.4875537
#1	.1823829	-.026230	4.673299	.0904564	.0440065	63.67203	1.851921
#2	.1763470	-.026666	4.656219	.0876154	.0355151	63.01858	1.837090
#3	.1819587	-.023403	4.676712	.1028586	.0357244	63.40747	1.835738

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0079953	.0233277	101.2528	.1421775	.0486992	.4605573	189.3847
Stddev	.0002500	.0000542	.3066	.0011610	.0008048	.0066306	.8577
%RSD	3.126653	.2323030	.3027691	.8165816	1.652502	1.439690	.4529107
#1	.0081784	.0233430	101.5469	.1435002	.0495065	.4635906	190.2440
#2	.0077105	.0233725	101.2765	.1417051	.0486941	.4529527	188.5286
#3	.0080969	.0232675	100.9351	.1413272	.0478970	.4651287	189.3816

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.913723	31.34275	.1969367	.0084548	.7636411	.1824511	4.941134
Stddev	.014540	.13849	.0019009	.0013975	.0061917	.0011056	.026809
%RSD	.1466635	.4418611	.9652430	16.52954	.8108160	.6059606	.5425747
#1	9.907004	31.19770	.1989689	.0096251	.7612343	.1833013	4.910187
#2	9.903757	31.47359	.1952021	.0088320	.7706749	.1812013	4.955945
#3	9.930407	31.35695	.1966391	.0069074	.7590142	.1828508	4.957272

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.362266	8.092572	-.600383	.0119487	3.265454	11.89022	.1903918
Stddev	.234528	.021598	.008299	.0012932	.009146	.16489	.0019376
%RSD	3.686231	.2668871	1.382322	10.82262	.2800747	1.386754	1.017714
#1	6.357214	8.116023	-.603880	.0106599	3.275263	11.99769	.1894839
#2	6.599280	8.073497	-.590908	.0119398	3.263938	11.70038	.1926167
#3	6.130305	8.088195	-.606362	.0132462	3.257161	11.97261	.1890748

Reviewed By:mohan
On:1/12/2025 8:52:46 PM
Inst Id :P5

Sample Name: P5198-02 Acquired: 01/09/2025 20:01:19 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHMN7 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.7545359	.0551019	.0520344
Stddev	.0069549	.0010764	.0096195
%RSD	.9217478	1.953412	18.48677
#1	.7578548	.0554285	.0412271
#2	.7465432	.0559772	.0596596
#3	.7592096	.0539001	.0552166

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2560.479	22977.75	1052.754	1922.090	2327.069
Stddev	1.399	138.27	10.096	11.727	3.057
%RSD	.0546217	.6017670	.9590161	.6101233	.1313626
#1	2560.561	22901.91	1044.106	1927.901	2324.171
#2	2559.041	22893.99	1063.848	1908.592	2326.774
#3	2561.834	23137.35	1050.306	1929.777	2330.263

Reviewed By:mohan
On:1/12/2025 8:52:46 PM
Inst Id :P5

Sample Name: P5198-03 Acquired: 01/09/2025 20:05:05 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHMN8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2138775	-.025554	6.885870	.1027858	.0409992	65.12701	2.132707
Stddev	.0034241	.007305	.034801	.0015733	.0038482	.20456	.005850
%RSD	1.600961	28.58616	.5053911	1.530697	9.386111	.3140872	.2743217
#1	.2163215	-.033130	6.880965	.1031171	.0436745	64.93491	2.133061
#2	.2153470	-.024976	6.853782	.1010732	.0427341	65.34209	2.138373
#3	.2099639	-.018555	6.922863	.1041672	.0365890	65.10404	2.126688

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0082882	.0133381	77.58476	.1495338	.0417640	.4756294	191.7695
Stddev	.0001126	.0002125	.44126	.0002793	.0012509	.0015820	.7353
%RSD	1.358826	1.593406	.5687425	.1867972	2.995153	.3326077	.3834421
#1	.0082162	.0131524	77.54976	.1493681	.0423195	.4773461	191.2801
#2	.0082303	.0132919	78.04248	.1498563	.0403315	.4753118	192.6151
#3	.0084180	.0135699	77.16205	.1493770	.0426408	.4742303	191.4132

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.88216	27.18518	.1864113	.0089140	.7624716	.2132284	3.926004
Stddev	.01162	.15487	.0014789	.0009258	.0282821	.0003983	.001092
%RSD	.1067902	.5696935	.7933423	10.38535	3.709259	.1867857	.0278239
#1	10.86942	27.07833	.1862181	.0098689	.7817537	.2131618	3.927087
#2	10.89218	27.11442	.1850385	.0088526	.7756565	.2128675	3.926023
#3	10.88489	27.36279	.1879772	.0080204	.7300046	.2136557	3.924902

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.702869	7.690764	-.620849	.0114784	2.637921	11.06781	.2540551
Stddev	.050240	.011228	.002214	.0005686	.013867	.03859	.0028150
%RSD	.7495305	.1459965	.3565704	4.953896	.5256808	.3486718	1.108044
#1	6.732715	7.686634	-.621614	.0113299	2.642139	11.08893	.2558509
#2	6.731026	7.682186	-.622579	.0121065	2.622435	11.09124	.2508107
#3	6.644864	7.703473	-.618354	.0109987	2.649189	11.02327	.2555036

Reviewed By:mohan
On:1/12/2025 8:52:46 PM
Inst Id :P5

Sample Name: P5198-03 Acquired: 01/09/2025 20:05:05 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHMN8 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	1.123509	.0595030	.0680507
Stddev	.008042	.0006115	.0080646
%RSD	.7158333	1.027724	11.85084
#1	1.121290	.0591113	.0773604
#2	1.132428	.0602076	.0632108
#3	1.116808	.0591899	.0635809

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2603.337	23437.17	1073.007	1958.460	2325.203
Stddev	5.905	183.23	5.570	11.313	3.116
%RSD	.2268340	.7818116	.5191326	.5776442	.1339916
#1	2609.479	23637.72	1077.660	1970.796	2325.405
#2	2597.700	23278.51	1066.834	1948.571	2328.212
#3	2602.833	23395.29	1074.526	1956.011	2321.991

Reviewed By:mohan
On:1/12/2025 8:52:46 PM
Inst Id :P5

Sample Name: P5198-04 Acquired: 01/09/2025 20:08:52 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHMN9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1715967	-.024717	1.646418	.1024529	.0408912	83.46736	1.953856
Stddev	.0053054	.006301	.004321	.0041789	.0052645	.64564	.027566
%RSD	3.091759	25.49149	.2624511	4.078899	12.87436	.7735262	1.410862
#1	.1721558	-.024923	1.648952	.1046118	.0458944	83.80429	1.976203
#2	.1660339	-.018316	1.641429	.1051108	.0353995	83.87483	1.962313
#3	.1766003	-.030912	1.648873	.0976361	.0413797	82.72295	1.923052

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0079017	.0109838	64.44858	.1270395	.0517874	.2329600	195.6489
Stddev	.0001955	.0001781	.52070	.0006455	.0005441	.0034483	1.6235
%RSD	2.473504	1.621569	.8079371	.5081271	1.050703	1.480220	.8297774
#1	.0079211	.0111464	64.83112	.1277186	.0511986	.2351408	196.7492
#2	.0080867	.0110116	64.65902	.1264339	.0522717	.2347548	196.4131
#3	.0076972	.0107935	63.85559	.1269661	.0518918	.2289845	193.7844

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.94806	28.72755	.1705131	.0084697	.6065902	.1901097	1.403360
Stddev	.18240	.37052	.0004876	.0014924	.0148668	.0032342	.003082
%RSD	1.076235	1.289780	.2859844	17.62065	2.450874	1.701212	.2196500
#1	17.04631	29.14910	.1704405	.0091927	.5969288	.1926702	1.399869
#2	17.06028	28.58004	.1700658	.0067534	.6237097	.1911837	1.405705
#3	16.73760	28.45350	.1710329	.0094629	.5991322	.1864752	1.404507

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.407680	5.974574	-.657986	.0111887	1.699965	12.80916	.0650402
Stddev	.169887	.003998	.014552	.0003529	.011382	.16153	.0008871
%RSD	2.293395	.0669147	2.211641	3.154026	.6695699	1.261064	1.363870
#1	7.211511	5.969960	-.670460	.0108355	1.699232	12.93774	.0642909
#2	7.505840	5.976730	-.661499	.0115413	1.688966	12.86189	.0648100
#3	7.505689	5.977030	-.641999	.0111894	1.711695	12.62785	.0660197

Reviewed By:mohan
On:1/12/2025 8:52:46 PM
Inst Id :P5

Sample Name: P5198-04 Acquired: 01/09/2025 20:08:52 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHMN9 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.5583340	-.053642	.0702129
Stddev	.0066944	.000483	.0029914
%RSD	1.198997	.9011426	4.260439
#1	.5586718	-.053428	.0668297
#2	.5648531	-.054195	.0725076
#3	.5514771	-.053302	.0713014

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2875.906	25792.42	1167.718	2172.697	2321.853
Stddev	13.278	29.14	14.272	1.778	6.420
%RSD	.4616877	.1129877	1.222182	.0818214	.2765116
#1	2890.767	25772.45	1155.555	2174.750	2329.083
#2	2865.208	25825.86	1164.171	2171.681	2319.656
#3	2871.744	25778.95	1183.429	2171.661	2316.820

Reviewed By:mohan
On:1/12/2025 8:52:46 PM
Inst Id :P5

Sample Name: P5198-08 Acquired: 01/09/2025 20:12:38 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHMP1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0709015	.0047866	.5805047	.0274314	.0188126	60.07549	1.036776
Stddev	.0045999	.0030096	.0030298	.0032641	.0034061	.23724	.006501
%RSD	6.487778	62.87530	.5219205	11.89911	18.10552	.3949006	.6270685
#1	.0725767	.0057043	.5770735	.0274479	.0148885	59.89524	1.044167
#2	.0656987	.0014250	.5828117	.0306872	.0210043	59.98697	1.034221
#3	.0744290	.0072305	.5816288	.0241591	.0205451	60.34426	1.031942

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0051446	.0046196	528.5375	.0931029	.0588916	.1324611	130.6974
Stddev	.0000999	.0001221	2.9104	.0009334	.0002702	.0021108	.7409
%RSD	1.941443	2.644121	.5506501	1.002553	.4587615	1.593494	.5668469
#1	.0050551	.0044910	530.7243	.0923008	.0588546	.1333895	131.5473
#2	.0051263	.0046335	525.2342	.0941274	.0591784	.1300453	130.1878
#3	.0052523	.0047341	529.6540	.0928804	.0586419	.1339486	130.3571

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.839992	112.9032	.1173651	.0047371	.9274064	.1307895	.7383326
Stddev	.043891	.2974	.0006700	.0018245	.0042601	.0014119	.0062292
%RSD	.4460509	.2634095	.5708862	38.51549	.4593580	1.079501	.8436820
#1	9.839027	113.1451	.1176892	.0060794	.9252833	.1305840	.7397217
#2	9.796591	112.5711	.1178114	.0026597	.9246250	.1294916	.7437499
#3	9.884357	112.9933	.1165946	.0054721	.9323109	.1322928	.7315261

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.371139	4.881558	-.376220	.0061462	1.916022	10.78727	.0333220
Stddev	.123165	.005777	.006579	.0008058	.003938	.10655	.0011286
%RSD	2.293082	.1183385	1.748756	13.10973	.2055520	.9877308	3.387048
#1	5.480250	4.888066	-.371148	.0053577	1.914782	10.83392	.0320551
#2	5.395581	4.879571	-.373857	.0069682	1.912852	10.66535	.0336910
#3	5.237586	4.877037	-.383654	.0061128	1.920431	10.86254	.0342200

Reviewed By:mohan
On:1/12/2025 8:52:46 PM
Inst Id :P5

Sample Name: P5198-08 Acquired: 01/09/2025 20:12:38 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHMP1 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.5177408	.3607883	.0763553
Stddev	.0139576	.0007599	.0081921
%RSD	2.695861	.2106225	10.72890
#1	.5313565	.3599150	.0669329
#2	.5034648	.3611516	.0817907
#3	.5184009	.3612984	.0803422

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2427.146	21616.00	1016.717	1829.955	2047.523
Stddev	3.930	99.86	4.710	18.028	4.306
%RSD	.1619328	.4619731	.4633006	.9851498	.2103114
#1	2431.508	21659.36	1014.395	1831.767	2052.469
#2	2423.881	21501.79	1022.138	1811.089	2044.613
#3	2426.048	21686.85	1013.619	1847.007	2045.486

Reviewed By:mohan
On:1/12/2025 8:52:46 PM
Inst Id :P5

Sample Name: P5198-09 Acquired: 01/09/2025 20:16:26 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHMP2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0369167	.0215829	.3243019	-.001011	.0115983	42.43517
Stddev	.0024964	.0026149	.0008639	.008455	.0051854	.28586
%RSD	6.762304	12.11558	.2663784	836.2352	44.70848	.6736437
#1	.0340726	.0245770	.3233454	.002495	.0059806	42.24774
#2	.0379317	.0204238	.3245346	-.010655	.0126128	42.76419
#3	.0387457	.0197479	.3250255	.005127	.0162015	42.29358

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5047920	.0035758	.0036451	F 1220.063	.0796362	.0670344
Stddev	.0042604	.0001825	.0000097	4.191	.0009937	.0009803
%RSD	.8439868	5.104188	.2666846	.3435120	1.247852	1.462337
#1	.5009701	.0035105	.0036352	1216.885	.0785881	.0667162
#2	.5093854	.0037820	.0036546	1224.813	.0805647	.0662527
#3	.5040204	.0034350	.0036457	1218.492	.0797558	.0681342

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1827445	102.4799	8.037594	206.6258	.1152431	.0028384
Stddev	.0007232	.3767	.014235	1.1134	.0005234	.0006088
%RSD	.3957315	.3675430	.1771078	.5388276	.4541554	21.44947
#1	.1831527	102.0978	8.023789	206.1632	.1152799	.0030999
#2	.1819095	102.8508	8.052223	207.8959	.1157470	.0032727
#3	.1831712	102.4913	8.036769	205.8183	.1147022	.0021425

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.451557	.1079515	.6052462	7.824526	5.987456	-.248182
Stddev	.024605	.0007636	.0034465	.252969	.023159	.001790
%RSD	1.695080	.7073442	.5694370	3.233027	.3867948	.7212148
#1	1.452864	.1074972	.6021270	7.651950	5.975809	-.248320
#2	1.475483	.1088331	.6089462	8.114913	5.972433	-.246327
#3	1.426325	.1075241	.6046653	7.706713	6.014127	-.249898

Reviewed By:mohan
On:1/12/2025 8:52:46 PM
Inst Id :P5

Sample Name: P5198-09 Acquired: 01/09/2025 20:16:26 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHMP2 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0019902	1.844328	8.360689	.0234324	.4242369	.9863183
Stddev	.0013457	.004511	.045334	.0020933	.0133632	.0064824
%RSD	67.61844	.2446041	.5422226	8.933302	3.149947	.6572327
#1	.0034501	1.847837	8.357242	.0242001	.4116197	.9809562
#2	.0007992	1.839239	8.407648	.0250335	.4228525	.9935224
#3	.0017213	1.845908	8.317178	.0210637	.4382384	.9844765

Elem	Li6707
Units	ppm
Avg	.0703011
Stddev	.0046420
%RSD	6.603025
#1	.0697199
#2	.0659771
#3	.0752064

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2263.739	20282.49	982.6087	1717.017	1889.884
Stddev	5.620	97.08	4.0988	8.176	4.585
%RSD	.2482448	.4786229	.4171369	.4761704	.2425910
#1	2269.205	20349.14	986.1510	1726.394	1895.127
#2	2257.978	20327.21	978.1192	1713.277	1886.630
#3	2264.034	20171.11	983.5558	1711.380	1887.895

Reviewed By:mohan
On:1/12/2025 8:52:46 PM
Inst Id :P5

Sample Name: P5198-10 Acquired: 01/09/2025 20:20:14 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHMP3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0746925	-.028050	.3024002	.0751148	.0291158	85.15740	.8124798
Stddev	.0028999	.001869	.0042425	.0043253	.0052837	.42801	.0084745
%RSD	3.882504	6.664575	1.402927	5.758301	18.14733	.5026102	1.043043
#1	.0738423	-.026804	.3022738	.0762265	.0232565	85.33141	.8044030
#2	.0723127	-.030199	.3067044	.0703422	.0335184	85.47099	.8213027
#3	.0779225	-.027146	.2982223	.0787759	.0305724	84.66979	.8117337

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0056283	.0030276	33.00676	.1349363	.0221177	.1522039	138.6003
Stddev	.0003261	.0000410	.21387	.0015229	.0005456	.0010429	.8549
%RSD	5.793660	1.354185	.6479603	1.128584	2.466835	.6851717	.6167984
#1	.0052518	.0030229	32.84344	.1354577	.0227042	.1511994	137.9731
#2	.0058175	.0030708	33.24884	.1332212	.0216252	.1532813	139.5740
#3	.0058156	.0029892	32.92800	.1361299	.0220236	.1521310	138.2537

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.651238	22.65727	.1724071	.0041634	.5681841	.1730210	.4124305
Stddev	.033548	.29329	.0011370	.0004035	.0193088	.0005838	.0054538
%RSD	.7212729	1.294473	.6594561	9.691880	3.398336	.3373960	1.322348
#1	4.671884	22.81797	.1726007	.0045654	.5903863	.1723682	.4150907
#2	4.669302	22.83509	.1734348	.0037584	.5553147	.1734929	.4061571
#3	4.612529	22.31875	.1711857	.0041665	.5588513	.1732017	.4160437

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.737632	8.432800	-.474244	.0086973	3.066881	12.65805	.0264273
Stddev	.250377	.016478	.000642	.0009443	.009162	.06368	.0006833
%RSD	5.284846	.1954076	.1354206	10.85721	.2987560	.5030583	2.585484
#1	4.689199	8.431769	-.474156	.0079431	3.068458	12.63664	.0256485
#2	5.008687	8.449769	-.474926	.0083924	3.075152	12.72967	.0267074
#3	4.515010	8.416861	-.473651	.0097563	3.057032	12.60784	.0269260

Reviewed By:mohan
On:1/12/2025 8:52:46 PM
Inst Id :P5

Sample Name: P5198-10 Acquired: 01/09/2025 20:20:14 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHMP3 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.7896480	-.057354	.0590310
Stddev	.0032921	.000823	.0092558
%RSD	.4169063	1.434553	15.67955
#1	.7872512	-.056404	.0484223
#2	.7882911	-.057855	.0654580
#3	.7934016	-.057802	.0632128

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2456.696	22356.66	999.8330	1878.937	2367.142
Stddev	8.357	116.01	4.3983	13.576	4.825
%RSD	.3401569	.5188993	.4399039	.7225151	.2038256
#1	2451.369	22236.17	997.3347	1866.208	2367.395
#2	2452.392	22366.21	997.2529	1893.225	2362.196
#3	2466.328	22467.60	1004.912	1877.377	2371.835

Reviewed By:mohan
On:1/12/2025 8:52:46 PM
Inst Id :P5

Sample Name: P5198-11 Acquired: 01/09/2025 20:24:01 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHMP4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0640938	-.028026	.2862421	.0717047	.0281597	85.31549	.7488193
Stddev	.0053941	.003126	.0028158	.0083605	.0023577	.74699	.0077972
%RSD	8.415992	11.15270	.9836951	11.65968	8.372637	.8755669	1.041270
#1	.0698123	-.031451	.2866077	.0627535	.0308067	84.64861	.7403925
#2	.0590966	-.027297	.2888573	.0730490	.0262851	85.17516	.7557783
#3	.0633725	-.025328	.2832615	.0793117	.0273872	86.12269	.7502870

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0057072	.0029447	30.01403	.1356619	.0186493	.1426179	137.2403
Stddev	.0001016	.0000695	.14809	.0006258	.0010589	.0018509	1.3130
%RSD	1.780306	2.359393	.4933911	.4612604	5.678128	1.297828	.9567192
#1	.0056633	.0028658	29.84324	.1356371	.0197942	.1417941	135.7283
#2	.0056350	.0029716	30.09223	.1350489	.0184485	.1413219	137.8992
#3	.0058234	.0029967	30.10663	.1362997	.0177051	.1447377	138.0934

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.304807	22.88053	.1769981	.0027208	.5145013	.1723648	.4194797
Stddev	.037235	.09524	.0006846	.0007887	.0157751	.0026252	.0034335
%RSD	.8649732	.4162492	.3867668	28.99016	3.066088	1.523040	.8185134
#1	4.267273	22.82269	.1773281	.0019071	.5072561	.1694041	.4170681
#2	4.305412	22.99045	.1774553	.0034820	.5036504	.1744083	.4179604
#3	4.341737	22.82844	.1762111	.0027732	.5325975	.1732820	.4234108

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.287402	7.683170	-.475822	.0081133	2.467393	13.14463	.0260077
Stddev	.257309	.035531	.008875	.0008734	.009361	.11469	.0017762
%RSD	6.001522	.4624583	1.865200	10.76445	.3793731	.8725333	6.829565
#1	4.233638	7.724191	-.466028	.0071899	2.478094	13.01324	.0279568
#2	4.061223	7.662030	-.478107	.0082242	2.460724	13.19595	.0244803
#3	4.567346	7.663287	-.483331	.0089260	2.463360	13.22470	.0255860

Reviewed By:mohan
On:1/12/2025 8:52:46 PM
Inst Id :P5

Sample Name: P5198-11 Acquired: 01/09/2025 20:24:01 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHMP4 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.8838652	-.062923	.0643276
Stddev	.0082936	.001051	.0024143
%RSD	.9383307	1.670416	3.753158
#1	.8747783	-.061711	.0666654
#2	.8910268	-.063585	.0618435
#3	.8857906	-.063472	.0644738

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2428.805	21821.30	993.5586	1844.505	2399.867
Stddev	5.976	58.08	7.5143	7.005	6.058
%RSD	.2460646	.2661760	.7563000	.3797637	.2524378
#1	2426.586	21831.61	1001.807	1851.807	2395.006
#2	2435.574	21758.76	987.102	1843.868	2406.654
#3	2424.256	21873.54	991.767	1837.841	2397.942

Reviewed By:mohan
On:1/12/2025 8:52:46 PM
Inst Id :P5

Sample Name: P5198-12 Acquired: 01/09/2025 20:27:48 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHMP5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0738919	-.010043	.2690712	.1683540	.0435409	109.6595
Stddev	.0039274	.004799	.0004994	.0040151	.0059225	.6749
%RSD	5.315028	47.78629	.1856175	2.384936	13.60213	.6154547
#1	.0727800	-.015019	.2686721	.1655804	.0367119	110.3134
#2	.0706403	-.005443	.2689103	.1729582	.0472715	109.6997
#3	.0782553	-.009666	.2696313	.1665234	.0466392	108.9654

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.009683	.0041782	.0038609	22.50522	.1435032	.1444031
Stddev	.003098	.0002711	.0000327	.17204	.0002272	.0024983
%RSD	.3068353	6.487519	.8472076	.7644320	.1583156	1.730122
#1	1.006988	.0043918	.0038241	22.70387	.1437636	.1425047
#2	1.013068	.0038733	.0038718	22.40477	.1433456	.1434712
#3	1.008993	.0042695	.0038868	22.40702	.1434004	.1472335

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0790422	221.8586	F 54.75867	21.06761	.1494301	.0118250
Stddev	.0018109	1.4529	.33941	.41624	.0008041	.0007817
%RSD	2.291034	.6548623	.6198270	1.975731	.5381220	6.610436
#1	.0811172	222.9416	54.99235	21.35212	.1485050	.0124144
#2	.0777806	222.4269	54.91430	20.58987	.1499607	.0109383
#3	.0782289	220.2076	54.36935	21.26082	.1498247	.0121223

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5834359	.2083974	.3934211	3.724303	F 11.44679	-.780941
Stddev	.0157775	.0022497	.0027029	.173976	.05521	.015922
%RSD	2.704237	1.079521	.6870310	4.671369	.4823622	2.038759
#1	.5669229	.2107291	.3907711	3.920745	11.38737	-.798818
#2	.5850276	.2082233	.3961740	3.662487	11.45649	-.775721
#3	.5983572	.2062398	.3933181	3.589676	11.49651	-.768285

Reviewed By:mohan
On:1/12/2025 8:52:46 PM
Inst Id :P5

Sample Name: P5198-12 Acquired: 01/09/2025 20:27:48 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHMP5 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0145256	1.397023	13.38941	.0287568	1.005699	-.147598
Stddev	.0001543	.016888	.15071	.0002986	.006207	.001581
%RSD	1.062281	1.208849	1.125614	1.038231	.6171504	1.070943
#1	.0145817	1.382194	13.56032	.0287220	1.012526	-.149011
#2	.0146439	1.393470	13.33237	.0290712	1.000398	-.147891
#3	.0143511	1.415405	13.27555	.0284771	1.004174	-.145891

Elem	Li6707
Units	ppm
Avg	.0573092
Stddev	.0064295
%RSD	11.21898
#1	.0499040
#2	.0614710
#3	.0605526

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2312.730	20965.61	955.3434	1774.292	2310.175
Stddev	15.471	91.35	10.7830	8.823	8.336
%RSD	.6689555	.4357111	1.128708	.4972618	.3608447
#1	2322.197	20884.72	943.1395	1780.420	2315.844
#2	2321.117	20947.42	959.3069	1764.179	2314.078
#3	2294.877	21064.68	963.5838	1778.276	2300.604

Reviewed By:mohan
On:1/12/2025 8:52:46 PM
Inst Id :P5

Sample Name: P5198-13 Acquired: 01/09/2025 20:31:35 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHMW0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1739625	-.040143	.9896852	.1187229	.0539862	65.61469	.6989798
Stddev	.0059059	.001302	.0034117	.0083417	.0022398	.14151	.0049248
%RSD	3.394937	3.244194	.3447209	7.026217	4.148816	.2156689	.7045707
#1	.1740726	-.040894	.9902594	.1096503	.0558253	65.47140	.6969815
#2	.1680022	-.038639	.9860229	.1260612	.0514919	65.61831	.7045897
#3	.1798125	-.040896	.9927734	.1204571	.0546413	65.75436	.6953683

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0065652	.0050106	44.99529	.1080331	.0152182	.2787025	222.6584
Stddev	.0003313	.0001419	.17026	.0004467	.0004162	.0009349	.1867
%RSD	5.045766	2.831046	.3783858	.4134590	2.734953	.3354359	.0838589
#1	.0061935	.0051630	44.93793	.1075371	.0150940	.2777755	222.5641
#2	.0066729	.0049863	45.18681	.1081584	.0148781	.2796450	222.8735
#3	.0068293	.0048825	44.86112	.1084037	.0156823	.2786870	222.5377

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.644974	20.43926	.1808234	.0060340	.9372409	.1709986	.5902185
Stddev	.034128	.20202	.0013599	.0007898	.0129607	.0012851	.0037186
%RSD	.3538450	.9883686	.7520782	13.08940	1.382857	.7515331	.6300303
#1	9.626403	20.29929	.1811892	.0067387	.9482742	.1712216	.5915815
#2	9.684361	20.67085	.1793179	.0051803	.9229676	.1721577	.5860107
#3	9.624159	20.34765	.1819630	.0061829	.9404809	.1696167	.5930632

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.407986	8.338574	-.751467	.0136959	2.725680	10.83168	.0507411
Stddev	.342413	.036817	.006058	.0006835	.012619	.04243	.0008718
%RSD	4.622210	.4415249	.8061510	4.990175	.4629770	.3917156	1.718202
#1	7.136299	8.319054	-.757889	.0131022	2.713704	10.78286	.0506270
#2	7.792598	8.315628	-.745854	.0135426	2.724478	10.85975	.0516643
#3	7.295060	8.381041	-.750657	.0144430	2.738857	10.85241	.0499319

Reviewed By:mohan
On:1/12/2025 8:52:46 PM
Inst Id :P5

Sample Name: P5198-13 Acquired: 01/09/2025 20:31:35 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHMW0 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.7090717	-.120469	.0270927
Stddev	.0046329	.000697	.0061133
%RSD	.6533685	.5784475	22.56427
#1	.7142194	-.120613	.0333570
#2	.7052370	-.121083	.0267785
#3	.7077588	-.119712	.0211426

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2604.426	23565.96	1071.538	1983.305	2370.473
Stddev	6.114	90.34	3.220	12.696	7.318
%RSD	.2347600	.3833517	.3005492	.6401418	.3087092
#1	2599.845	23574.27	1070.460	1968.709	2367.637
#2	2611.368	23471.76	1068.995	1991.783	2378.784
#3	2602.063	23651.86	1075.159	1989.425	2364.997

Reviewed By:mohan
On:1/12/2025 8:52:46 PM
Inst Id :P5

Sample Name: P5198-14 Acquired: 01/09/2025 20:35:22 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHMW1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1812170	-.022718	.8601912	.0858208	.0342241	61.03083	.7392910
Stddev	.0048154	.003684	.0025799	.0078776	.0018052	.19570	.0019969
%RSD	2.657231	16.21685	.2999241	9.179099	5.274659	.3206563	.2701054
#1	.1758513	-.025794	.8623330	.0768385	.0354445	60.97434	.7384580
#2	.1826370	-.023723	.8573271	.0890688	.0350773	60.86959	.7415695
#3	.1851626	-.018635	.8609134	.0915551	.0321504	61.24856	.7378455

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0055983	.0048085	38.61686	.0913392	.0494621	.2457096	158.5700
Stddev	.0000327	.0000808	.13566	.0008131	.0004249	.0003390	.3606
%RSD	.5845055	1.680855	.3513029	.8902014	.8590311	.1379610	.2274336
#1	.0055768	.0047897	38.62399	.0922781	.0497875	.2460865	158.9551
#2	.0056360	.0047388	38.47778	.0908669	.0496174	.2454296	158.2402
#3	.0055822	.0048971	38.74882	.0908726	.0489814	.2456126	158.5148

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.70214	20.93711	.1248077	.0051599	.7786141	.1513627	.5438479
Stddev	.03434	.19495	.0012369	.0004634	.0117122	.0005860	.0005168
%RSD	.2703389	.9311057	.9910041	8.980424	1.504238	.3871552	.0950320
#1	12.67102	21.15654	.1255761	.0052635	.7733596	.1513156	.5444207
#2	12.69642	20.87090	.1254661	.0046536	.7920335	.1519709	.5437065
#3	12.73898	20.78389	.1233809	.0055628	.7704494	.1508018	.5434164

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.094919	5.329511	-.522528	.0081834	2.179393	10.31303	.0532800
Stddev	.329574	.004230	.004769	.0012783	.005077	.01159	.0002419
%RSD	4.645205	.0793685	.9126490	15.62074	.2329572	.1123802	.4540791
#1	6.725239	5.330589	-.522710	.0067410	2.175132	10.31082	.0534943
#2	7.357997	5.333098	-.527203	.0086333	2.185010	10.32556	.0530176
#3	7.201522	5.324846	-.517670	.0091759	2.178035	10.30269	.0533281

Reviewed By:mohan
On:1/12/2025 8:52:46 PM
Inst Id :P5

Sample Name: P5198-14 Acquired: 01/09/2025 20:35:22 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHMW1 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.5810012	-.063984	.0196558
Stddev	.0081884	.000439	.0045113
%RSD	1.409364	.6856319	22.95160
#1	.5859657	-.064421	.0236990
#2	.5715500	-.063988	.0147897
#3	.5854878	-.063544	.0204786

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2684.009	24431.27	1097.216	2027.974	2387.758
Stddev	8.538	46.43	4.501	8.788	6.519
%RSD	.3181215	.1900627	.4102074	.4333218	.2730384
#1	2675.001	24391.05	1093.757	2017.877	2381.240
#2	2685.041	24482.08	1095.585	2032.148	2387.754
#3	2691.984	24420.67	1102.305	2033.897	2394.279

Reviewed By:mohan
On:1/12/2025 8:52:46 PM
Inst Id :P5

Sample Name: P5198-15 Acquired: 01/09/2025 20:39:10 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHMW2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1480940	-.028529	.3624804	.1101545	.0406963	71.46132	.5848463
Stddev	.0066602	.002442	.0031794	.0036326	.0075786	1.35075	.0132939
%RSD	4.497263	8.560339	.8771323	3.297706	18.62231	1.890177	2.273055
#1	.1521683	-.031336	.3659237	.1143114	.0488249	72.72420	.5964841
#2	.1517056	-.027361	.3618616	.1085614	.0394392	71.62258	.5876961
#3	.1404081	-.026890	.3596558	.1075906	.0338249	70.03719	.5703586

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0058049	.0040149	33.41394	.0954035	.0449651	.2242000	191.3908
Stddev	.0003576	.0000872	.58195	.0003980	.0015041	.0085085	3.6858
%RSD	6.160078	2.172353	1.741644	.4171340	3.345133	3.795049	1.925811
#1	.0060881	.0040428	34.04429	.0949939	.0436979	.2332400	194.8390
#2	.0059236	.0039172	33.30040	.0957887	.0445701	.2230122	191.8271
#3	.0054031	.0040848	32.89712	.0954281	.0466274	.2163478	187.5062

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.71416	24.28180	.1327441	.0070597	.7945471	.1620113	.4750625
Stddev	.28752	.42753	.0002547	.0009174	.0324385	.0059902	.0031865
%RSD	1.829706	1.760685	.1918640	12.99565	4.082640	3.697381	.6707489
#1	15.97532	24.71576	.1324914	.0076563	.8249786	.1678770	.4728273
#2	15.76111	24.26864	.1330007	.0075195	.7982443	.1622528	.4736488
#3	15.40605	23.86101	.1327402	.0060032	.7604184	.1559040	.4787112

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.065233	3.541505	-.638925	.0066628	1.090251	10.54589	.0249483
Stddev	.137935	.008437	.030326	.0003063	.005486	.41634	.0010332
%RSD	2.274190	.2382248	4.746391	4.596716	.5031462	3.947891	4.141399
#1	6.039594	3.535979	-.672051	.0069811	1.087896	10.99725	.0261397
#2	5.941917	3.537320	-.632191	.0063701	1.096520	10.46352	.0244072
#3	6.214189	3.551216	-.612532	.0066374	1.086335	10.17688	.0242980

Reviewed By:mohan
On:1/12/2025 8:52:46 PM
Inst Id :P5

Sample Name: P5198-15 Acquired: 01/09/2025 20:39:10 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHMW2 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.6456636	-.098962	.0379140
Stddev	.0194518	.002043	.0021484
%RSD	3.012679	2.064511	5.666447
#1	.6580842	-.101042	.0354395
#2	.6556604	-.098885	.0389998
#3	.6232463	-.096958	.0393028

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2743.365	25051.78	1088.342	2055.768	2324.651
Stddev	9.456	36.73	42.107	13.287	11.710
%RSD	.3447030	.1466193	3.868934	.6463048	.5037418
#1	2735.119	25042.52	1041.445	2062.413	2313.884
#2	2753.687	25092.25	1100.677	2064.420	2337.119
#3	2741.290	25020.56	1122.904	2040.470	2322.949

Reviewed By:mohan
On:1/12/2025 8:52:46 PM
Inst Id :P5

Sample Name: P5198-16 Acquired: 01/09/2025 20:42:57 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHMW3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1286439	.0023288	.3026992	.0592223	.0289240	59.50120	.5400826
Stddev	.0011499	.0041125	.0021503	.0071509	.0045121	.14696	.0068255
%RSD	.8938326	176.5952	.7103699	12.07459	15.59982	.2469891	1.263782
#1	.1273190	.0070469	.3008391	.0671261	.0240510	59.42031	.5322564
#2	.1292317	-.000496	.3022048	.0532011	.0297639	59.41245	.5431891
#3	.1293812	.000436	.3050536	.0573398	.0329571	59.67083	.5448022

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0050268	.0056047	334.9216	.0854181	.0792234	.2080261	165.6529
Stddev	.0002340	.0001180	1.5426	.0004662	.0008848	.0008357	.7112
%RSD	4.655110	2.106182	.4605991	.5457584	1.116810	.4017490	.4293186
#1	.0050593	.0054716	334.6480	.0848808	.0791095	.2070824	165.4456
#2	.0047782	.0056457	333.5341	.0856571	.0801596	.2083228	165.0683
#3	.0052428	.0056967	336.5828	.0857162	.0784011	.2086729	166.4446

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.50240	24.16221	.1394054	.0069439	1.035970	.1317342	.4773498
Stddev	.12220	.19727	.0011235	.0009342	.012221	.0007103	.0024009
%RSD	.6981686	.8164433	.8059367	13.45313	1.179680	.5392090	.5029583
#1	17.48994	24.21504	.1405410	.0060733	1.040490	.1313177	.4801209
#2	17.38691	23.94391	.1382944	.0068276	1.045287	.1325544	.4758960
#3	17.63035	24.32769	.1393807	.0079308	1.022133	.1313305	.4760323

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.704059	3.135558	-.503578	.0077561	1.439068	7.756937	.0254042
Stddev	.072873	.003430	.001008	.0006031	.011252	.033598	.0007372
%RSD	1.549148	.1093807	.2001411	7.776298	.7819266	.4331367	2.901973
#1	4.630866	3.132753	-.504018	.0084444	1.436489	7.722860	.0250363
#2	4.704703	3.139382	-.504290	.0073201	1.429328	7.790035	.0249234
#3	4.776608	3.134540	-.502424	.0075037	1.451386	7.757917	.0262530

Reviewed By:mohan
On:1/12/2025 8:52:46 PM
Inst Id :P5

Sample Name: P5198-16 Acquired: 01/09/2025 20:42:57 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHMW3 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.5378013	.2339963	.0261068
Stddev	.0069104	.0016933	.0046644
%RSD	1.284931	.7236278	17.86675
#1	.5379712	.2326187	.0250647
#2	.5308075	.2334835	.0220515
#3	.5446251	.2358867	.0312041

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2718.641	25044.67	1132.111	2047.216	2157.259
Stddev	5.555	41.46	6.080	4.544	5.493
%RSD	.2043470	.1655383	.5370448	.2219632	.2546272
#1	2715.411	25004.96	1138.921	2042.469	2152.943
#2	2715.457	25041.37	1127.228	2047.654	2155.392
#3	2725.056	25087.68	1130.184	2051.525	2163.443

Reviewed By:mohan
On:1/12/2025 8:52:46 PM
Inst Id :P5

Sample Name: P5198-17 Acquired: 01/09/2025 20:46:44 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHMW4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1180776	.0176410	.2838862	.0244254	.0140249	35.45462
Stddev	.0046668	.0014692	.0010920	.0138958	.0009687	.22592
%RSD	3.952289	8.328573	.3846740	56.89078	6.907312	.6372051
#1	.1206048	.0184639	.2851364	.0150542	.0137500	35.19602
#2	.1126922	.0159447	.2834037	.0403906	.0132233	35.55421
#3	.1209356	.0185143	.2831185	.0178315	.0151014	35.61363

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3849226	.0037240	.0040401	F 2501.285	.0558027	.1043101
Stddev	.0064265	.0002141	.0001860	22.952	.0007639	.0010470
%RSD	1.669542	5.749621	4.604692	.9176036	1.368842	1.003771
#1	.3816566	.0034822	.0039078	2475.245	.0566717	.1053580
#2	.3923262	.0038001	.0042528	2518.571	.0554991	.1032639
#3	.3807851	.0038897	.0039597	2510.040	.0552374	.1043085

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3046798	166.0420	15.35304	132.5041	.1574564	.0059580
Stddev	.0026874	1.5191	.12896	1.0089	.0009965	.0009343
%RSD	.8820498	.9149064	.8399321	.7613966	.6328718	15.68192
#1	.3019504	164.2904	15.20420	131.3455	.1586066	.0065711
#2	.3073231	167.0002	15.42359	132.9780	.1569094	.0064202
#3	.3047659	166.8353	15.43133	133.1888	.1568532	.0048827

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.336037	.0964206	.8118293	4.403211	7.556704	-.423756
Stddev	.019051	.0010039	.0077649	.112747	.014855	.007084
%RSD	.8155240	1.041140	.9564731	2.560560	.1965756	1.671696
#1	2.314656	.0968235	.8190779	4.287355	7.541493	-.415684
#2	2.351208	.0971605	.8036347	4.409710	7.557445	-.426646
#3	2.342247	.0952779	.8127754	4.512567	7.571174	-.428937

Reviewed By:mohan
On:1/12/2025 8:52:46 PM
Inst Id :P5

Sample Name: P5198-17 Acquired: 01/09/2025 20:46:44 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHMW4 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0018818	9.172548	6.283309	.0290923	.4517557	2.923226
Stddev	.0013700	.019831	.050301	.0035700	.0043507	.022909
%RSD	72.80428	.2162047	.8005520	12.27112	.9630733	.7836905
#1	.0003873	9.162861	6.230013	.0268224	.4467389	2.897989
#2	.0030782	9.159422	6.329953	.0272472	.4540346	2.942711
#3	.0021799	9.195361	6.289963	.0332072	.4544936	2.928977

Elem	Li6707
Units	ppm
Avg	.0421148
Stddev	.0014858
%RSD	3.528074
#1	.0404317
#2	.0426682
#3	.0432446

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2253.202	20386.60	989.5964	1677.351	1752.723
Stddev	8.979	48.12	7.7635	9.420	5.310
%RSD	.3985044	.2360472	.7845089	.5616068	.3029642
#1	2247.245	20418.06	997.7535	1672.861	1747.337
#2	2263.530	20410.53	982.2980	1688.176	1757.954
#3	2248.832	20331.20	988.7375	1671.016	1752.879

Reviewed By:mohan
On:1/12/2025 8:52:46 PM
Inst Id :P5

Sample Name: P5198-18 Acquired: 01/09/2025 20:50:30 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHMW8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0631892	-.027338	.2911214	.0765201	.0297481	86.66910	.7815310
Stddev	.0043281	.001267	.0027796	.0062146	.0017631	.68923	.0037429
%RSD	6.849367	4.633596	.9547827	8.121561	5.926802	.7952470	.4789143
#1	.0681833	-.026439	.2939451	.0828980	.0293996	87.06344	.7832388
#2	.0608532	-.026788	.2910310	.0761794	.0281852	87.07061	.7772388
#3	.0605309	-.028786	.2883882	.0704828	.0316594	85.87326	.7841153

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0054016	.0025800	33.53382	.1218382	.0166379	.1512202	139.4625
Stddev	.0000903	.0001235	.15176	.0016892	.0004870	.0010761	.8753
%RSD	1.672478	4.787834	.4525695	1.386438	2.927020	.7115942	.6276454
#1	.0053331	.0025295	33.67197	.1208373	.0172002	.1507200	140.2035
#2	.0055040	.0027208	33.55812	.1237885	.0163545	.1504853	139.6873
#3	.0053677	.0024898	33.37137	.1208888	.0163589	.1524554	138.4967

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.603403	22.90733	.1683932	.0032167	.4685093	.1749749	.4174742
Stddev	.025380	.38287	.0020792	.0015193	.0148893	.0000492	.0013343
%RSD	.5513301	1.671394	1.234760	47.23120	3.178025	.0281489	.3196021
#1	4.630979	23.34546	.1705250	.0015280	.4842649	.1749282	.4169238
#2	4.581024	22.73950	.1682837	.0044727	.4546722	.1750264	.4165033
#3	4.598206	22.63704	.1663708	.0036492	.4665908	.1749702	.4189957

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.842172	8.343213	-.456364	.0086942	3.035444	12.92382	.0252179
Stddev	.059963	.053271	.004712	.0007365	.008546	.05100	.0011707
%RSD	1.238343	.6384947	1.032561	8.471603	.2815462	.3946269	4.642284
#1	4.817551	8.384584	-.456048	.0082529	3.043171	12.94974	.0253734
#2	4.798439	8.361951	-.451818	.0095444	3.036896	12.86507	.0263031
#3	4.910526	8.283105	-.461227	.0082852	3.026265	12.95666	.0239773

Reviewed By:mohan
On:1/12/2025 8:52:46 PM
Inst Id :P5

Sample Name: P5198-18 Acquired: 01/09/2025 20:50:30 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHMW8 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.8943512	-.054944	.0609447
Stddev	.0131442	.000901	.0078082
%RSD	1.469695	1.639463	12.81197
#1	.8985839	-.055066	.0526263
#2	.8796121	-.055778	.0620920
#3	.9048576	-.053989	.0681157

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2411.017	22065.47	963.8605	1794.510	2381.319
Stddev	9.634	80.95	1.7390	9.076	4.500
%RSD	.3995806	.3668805	.1804169	.5057687	.1889694
#1	2399.896	22015.22	962.1091	1797.595	2376.824
#2	2416.335	22022.33	965.5868	1784.294	2381.309
#3	2416.820	22158.85	963.8858	1801.641	2385.824

Reviewed By:mohan
On:1/12/2025 8:52:46 PM
Inst Id :P5

Sample Name: P5198-19 Acquired: 01/09/2025 20:54:18 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHMW9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1532160	-.034752	1.601028	.1094592	.0413709	93.37895	1.282916
Stddev	.0022575	.006842	.003811	.0048721	.0041841	.05292	.000819
%RSD	1.473412	19.68820	.2380095	4.451035	10.11363	.0566724	.0638145
#1	.1556085	-.026959	1.597697	.1045262	.0394596	93.39524	1.282137
#2	.1529159	-.039772	1.605183	.1142679	.0384837	93.42180	1.283769
#3	.1511235	-.037525	1.600204	.1095834	.0461693	93.31979	1.282841

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0076843	.0060698	38.60637	.1422328	.0391976	.3878197	184.7478
Stddev	.0001231	.0001734	.17400	.0011704	.0005354	.0036784	.3369
%RSD	1.601528	2.856967	.4507061	.8229072	1.365819	.9484844	.1823712
#1	.0075423	.0060206	38.77843	.1427674	.0387796	.3854592	185.1165
#2	.0077595	.0062625	38.43049	.1408905	.0398010	.3920580	184.6710
#3	.0077512	.0059264	38.61018	.1430405	.0390122	.3859418	184.4560

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.878346	22.79539	.1456961	.0064834	.6298980	.2151013	1.156641
Stddev	.019335	.24836	.0012649	.0010418	.0344847	.0005411	.007768
%RSD	.2810940	1.089536	.8682128	16.06899	5.474655	.2515417	.6715661
#1	6.899228	22.88080	.1468971	.0076283	.6302969	.2156644	1.162174
#2	6.874744	22.51559	.1458154	.0055911	.6641815	.2150540	1.159987
#3	6.861066	22.98977	.1443757	.0062309	.5952155	.2145854	1.147761

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.514092	8.076876	-.607227	.0085478	1.821359	12.42291	.0749463
Stddev	.079551	.007620	.004260	.0011448	.009180	.03581	.0005058
%RSD	.8361393	.0943480	.7015234	13.39313	.5040406	.2882260	.6749153
#1	9.490622	8.085530	-.607784	.0075116	1.819754	12.39674	.0746299
#2	9.448916	8.073928	-.611182	.0083552	1.831236	12.46372	.0746793
#3	9.602738	8.071169	-.602717	.0097768	1.813086	12.40828	.0755297

Reviewed By:mohan
On:1/12/2025 8:52:46 PM
Inst Id :P5

Sample Name: P5198-19 Acquired: 01/09/2025 20:54:18 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHMW9 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.5782060	-.042865	.0540001
Stddev	.0072423	.000598	.0026246
%RSD	1.252540	1.395779	4.860353
#1	.5721055	-.042915	.0512624
#2	.5862098	-.043437	.0542432
#3	.5763025	-.042243	.0564947

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2468.172	22369.34	1008.557	1841.081	2350.328
Stddev	1.620	95.16	1.449	6.029	2.262
%RSD	.0656278	.4253872	.1436633	.3274439	.0962345
#1	2466.302	22427.09	1010.221	1834.385	2352.880
#2	2469.079	22421.41	1007.576	1842.783	2348.571
#3	2469.136	22259.51	1007.874	1846.076	2349.532

Reviewed By:mohan
On:1/12/2025 8:52:46 PM
Inst Id :P5

Sample Name: P5202-01 Acquired: 01/09/2025 20:58:03 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHNE9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0942256	-.010802	.2617684	.0561679	.0338418	68.80846	.5597768
Stddev	.0061836	.002518	.0027673	.0097624	.0012124	.30456	.0051485
%RSD	6.562555	23.30961	1.057163	17.38070	3.582676	.4426234	.9197372
#1	.0896616	-.008571	.2645805	.0655445	.0327629	68.72223	.5539296
#2	.1012631	-.013532	.2616767	.0568982	.0351539	68.55631	.5636302
#3	.0917522	-.010302	.2590481	.0460608	.0336085	69.14684	.5617705

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0062683	.0024005	260.9424	.0901715	.0648188	.3915704	164.4525
Stddev	.0001950	.0001715	.9707	.0000744	.0009996	.0020760	.4535
%RSD	3.111362	7.142612	.3719987	.0825532	1.542125	.5301735	.2757766
#1	.0061421	.0022037	260.3568	.0900986	.0641688	.3922732	164.4049
#2	.0061700	.0024805	260.4075	.0901686	.0643178	.3892342	164.0247
#3	.0064930	.0025174	262.0629	.0902474	.0659698	.3932037	164.9280

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.193898	53.85838	.1547688	.0048389	.9131144	.1583250	.2704944
Stddev	.014462	.18504	.0015041	.0012125	.0290345	.0010187	.0037131
%RSD	.1765004	.3435736	.9718322	25.05662	3.179726	.6434020	1.372699
#1	8.203073	53.78375	.1530429	.0034936	.9180953	.1577849	.2675026
#2	8.177227	53.72230	.1558002	.0051761	.8819116	.1576901	.2746499
#3	8.201395	54.06908	.1554632	.0058471	.9393363	.1595000	.2693306

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.198255	9.782793	-.513237	.0075194	.8513753	9.099425	.0284179
Stddev	.183554	.030803	.002308	.0001809	.0038019	.037921	.0002931
%RSD	3.531068	.3148696	.4497667	2.405528	.4465631	.4167409	1.031471
#1	4.995189	9.774300	-.511374	.0076769	.8552402	9.070650	.0283406
#2	5.247203	9.757127	-.512519	.0075594	.8512462	9.085229	.0287420
#3	5.352372	9.816952	-.515820	.0073219	.8476396	9.142396	.0281712

Reviewed By:mohan
On:1/12/2025 8:52:46 PM
Inst Id :P5

Sample Name: P5202-01 Acquired: 01/09/2025 20:58:03 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHNE9 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.7239835	.1566137	.0460073
Stddev	.0058347	.0013999	.0017684
%RSD	.8059199	.8938572	3.843751
#1	.7280155	.1562492	.0451717
#2	.7172930	.1554321	.0448115
#3	.7266421	.1581598	.0480386

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2740.894	24804.33	1131.710	2051.194	2155.918
Stddev	13.076	46.14	6.509	7.163	9.801
%RSD	.4770761	.1860109	.5751657	.3492023	.4545963
#1	2753.905	24751.86	1133.396	2051.391	2163.557
#2	2741.026	24822.53	1137.211	2043.934	2159.328
#3	2727.753	24838.58	1124.524	2058.255	2144.867

Reviewed By:mohan
On:1/12/2025 8:52:46 PM
Inst Id :P5

Sample Name: CCV141 Acquired: 01/09/2025 21:01:49 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV141 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.841878	4.664747	23.80993	4.881245	4.783949	395.5847
Stddev	.014925	.027608	.15536	.037499	.024428	4.3743
%RSD	.3082576	.5918383	.6525003	.7682245	.5106296	1.105792
#1	4.838882	4.696238	23.98922	4.923966	4.811423	399.1815
#2	4.858074	4.653296	23.71494	4.853772	4.764677	390.7151
#3	4.828678	4.644707	23.72563	4.865997	4.775748	396.8575

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.03761	.5062103	2.407973	399.2989	15.02807	2.312368
Stddev	.10145	.0109999	.018217	4.2362	.14079	.016507
%RSD	1.010695	2.172988	.7565280	1.060911	.9368449	.7138444
#1	10.13310	.5108097	2.429003	403.2655	15.16659	2.331285
#2	9.93110	.4936572	2.397032	394.8367	15.03249	2.300888
#3	10.04862	.5141640	2.397885	399.7945	14.88512	2.304931

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.85842	396.1422	14.62916	399.6169	2.423713	1.234706
Stddev	.30340	3.2213	.12792	3.6307	.018200	.009687
%RSD	2.041954	.8131752	.8744236	.9085491	.7509099	.7845843
#1	14.99232	397.9158	14.69279	402.6368	2.444442	1.245304
#2	14.51110	392.4239	14.48190	395.5886	2.410355	1.232506
#3	15.07184	398.0870	14.71279	400.6254	2.416342	1.226308

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	419.3840	2.461749	14.31537	155.3998	4.749641	F 4.076999
Stddev	6.5526	.043566	.24168	1.9564	.030421	.076965
%RSD	1.562437	1.769713	1.688281	1.258971	.6404978	1.887779
#1	418.5266	2.481419	14.41754	156.1577	4.783989	4.103247
#2	413.3023	2.411817	14.48919	153.1778	4.726093	3.990343
#3	426.3231	2.492012	14.03938	156.8638	4.738841	4.137405

Reviewed By:mohan
On:1/12/2025 8:52:46 PM
Inst Id :P5

Sample Name: CCV141 Acquired: 01/09/2025 21:01:49 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV141 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.736532	4.790210	4.817077	4.815796	4.920358	4.727569
Stddev	.039610	.035349	.109824	.032081	.062008	.050707
%RSD	.8362572	.7379516	2.279896	.6661645	1.260243	1.072571
#1	4.781436	4.828480	4.871344	4.852796	4.984048	4.772431
#2	4.706552	4.758781	4.690683	4.795740	4.860181	4.672554
#3	4.721609	4.783368	4.889205	4.798850	4.916845	4.737722

Elem	Li6707
Units	ppm
Avg	5.034857
Stddev	.040337
%RSD	.8011452
#1	5.062062
#2	4.988514
#3	5.053997

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1836.806	17047.57	811.0984	1380.984	1820.390
Stddev	15.491	252.43	8.6310	30.755	12.521
%RSD	.8433607	1.480731	1.064114	2.227029	.6877992
#1	1820.210	16957.11	807.0959	1375.329	1806.682
#2	1850.883	16852.84	821.0040	1353.449	1831.224
#3	1839.326	17332.77	805.1952	1414.174	1823.265

Reviewed By:mohan
On:1/12/2025 8:52:46 PM
Inst Id :P5

Sample Name: CCB141 Acquired: 01/09/2025 21:05:35 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB141 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.004187	.0019337	-.001504	-.009415	-.004751	-.012557
Stddev	.002701	.0027635	.002272	.006373	.000521	.004191
%RSD	64.49197	142.9174	151.0208	67.68663	10.95701	33.37362
#1	-.003472	.0003017	-.003947	-.004949	-.004420	-.017290
#2	-.001917	.0051244	.000545	-.006583	-.005351	-.009317
#3	-.007174	.0003748	-.001111	-.016712	-.004483	-.011065

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003551	-.000369	.0000320	.0183898	-.000236	.0001208
Stddev	.002860	.000328	.0001394	.0526860	.000168	.0004702
%RSD	80.55259	88.98459	435.5980	286.4957	70.98582	389.3404
#1	-.000778	-.000603	-.000060	-.031563	-.000089	-.000338
#2	-.006491	.000006	.000192	.013294	-.000201	.000098
#3	-.003383	-.000509	-.000037	.073439	-.000419	.000602

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0009000	.0077679	.0012882	-.132535	.0011174	-.001691
Stddev	.0013373	.0872818	.0037478	.251260	.0011155	.000720
%RSD	148.5944	1123.622	290.9354	189.5800	99.83573	42.56184
#1	.0020501	-.026414	-.003006	.154880	.0019298	-.001443
#2	-.000567	.106967	.002970	-.241948	-.000155	-.001128
#3	.001217	-.057250	.003901	-.310538	.001577	-.002502

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0190471	.0014527	.0014823	.9294811	-.002245	.0195612
Stddev	.0134470	.0009530	.0010378	.4412402	.001568	.0023549
%RSD	70.59865	65.60467	70.01239	47.47167	69.84567	12.03872
#1	.0043503	.0006396	.0014540	1.124602	-.002559	.0220869
#2	.0307343	.0012169	.0025338	1.239522	-.000544	.0191707
#3	.0220569	.0025015	.0004589	.424319	-.003633	.0174259

Reviewed By:mohan
On:1/12/2025 8:52:46 PM
Inst Id :P5

Sample Name: CCB141 Acquired: 01/09/2025 21:05:35 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB141 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002105	.0000894	.0014523	-.001196	.0067154	.0002940
Stddev	.0003039	.0034857	.0004626	.000523	.0015818	.0003970
%RSD	144.4035	3900.878	31.85584	43.67200	23.55543	135.0061
#1	.0003284	.0040037	.0017057	-.001745	.0075752	-.000164
#2	.0004378	-.002679	.0009183	-.001139	.0048899	.000527
#3	-.000135	-.001056	.0017329	-.000705	.0076812	.000519

Elem	Li6707
Units	ppm
Avg	F .0468155
Stddev	.0130703
%RSD	27.91864
#1	.0615411
#2	.0423159
#3	.0365894

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2198.949	20317.97	883.6323	1673.675	2581.486
Stddev	6.284	205.14	2.3558	21.854	8.500
%RSD	.2857807	1.009659	.2666014	1.305772	.3292729
#1	2204.396	20196.08	884.9849	1658.911	2590.374
#2	2200.378	20203.01	880.9121	1663.333	2580.648
#3	2192.074	20554.81	885.0000	1698.781	2573.436

Reviewed By:mohan
On:1/12/2025 8:52:46 PM
Inst Id :P5

Sample Name: P5202-02 Acquired: 01/09/2025 21:09:33 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHNF7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0839409	-.010239	.7204463	.0424280	.0193778	58.62989	.6846680
Stddev	.0003813	.003419	.0048239	.0099314	.0027322	.30805	.0090367
%RSD	.4542228	33.38770	.6695646	23.40765	14.09957	.5254202	1.319864
#1	.0843296	-.006299	.7148775	.0320328	.0223905	58.61295	.6902498
#2	.0835675	-.012411	.7231268	.0434319	.0186823	58.94606	.6895121
#3	.0839257	-.012009	.7233346	.0518194	.0170606	58.33065	.6742420

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0041436	.0032428	117.6806	.0957306	.0342440	.2235722	109.5309
Stddev	.0003332	.0001075	.8062	.0009651	.0008764	.0020623	.5420
%RSD	8.042063	3.315154	.6851099	1.008106	2.559262	.9224508	.4947932
#1	.0042501	.0033351	117.8075	.0956789	.0343595	.2259397	109.6904
#2	.0044105	.0031247	118.4159	.0967205	.0333157	.2221658	109.9752
#3	.0037701	.0032684	116.8184	.0947925	.0350570	.2226111	108.9271

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.148682	38.82121	.1264477	.0034728	.5683105	.1342301	.8408672
Stddev	.027982	.51912	.0013387	.0010287	.0263480	.0010627	.0083415
%RSD	.5434710	1.337200	1.058661	29.62287	4.636194	.7916818	.9920180
#1	5.141976	39.26063	.1249870	.0035159	.5379100	.1352347	.8492184
#2	5.179407	38.95457	.1276159	.0024231	.5845458	.1331176	.8325354
#3	5.124663	38.24842	.1267402	.0044792	.5824757	.1343381	.8408480

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.668436	7.400287	-.331729	.0104247	3.720950	10.79573	.0400818
Stddev	.334014	.054851	.001500	.0014593	.020307	.11103	.0011118
%RSD	5.892520	.7412022	.4522231	13.99879	.5457353	1.028497	2.773782
#1	6.016312	7.354475	-.332909	.0109002	3.704784	10.86610	.0388039
#2	5.350269	7.385318	-.332238	.0087870	3.714325	10.85335	.0406143
#3	5.638726	7.461069	-.330041	.0115871	3.743742	10.66773	.0408272

Reviewed By:mohan
On:1/12/2025 8:52:46 PM
Inst Id :P5

Sample Name: P5202-02 Acquired: 01/09/2025 21:09:33 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHNF7 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.7087822	.0315920	.0422263
Stddev	.0043574	.0006207	.0007891
%RSD	.6147763	1.964645	1.868863
#1	.7138124	.0322562	.0413270
#2	.7063658	.0310267	.0428033
#3	.7061683	.0314929	.0425487

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2374.227	21597.57	976.5712	1799.925	2320.790
Stddev	7.412	33.06	9.1302	12.837	10.872
%RSD	.3121957	.1530903	.9349200	.7131954	.4684614
#1	2380.481	21620.74	971.4788	1792.166	2328.893
#2	2376.160	21559.71	971.1231	1814.743	2325.044
#3	2366.039	21612.27	987.1118	1792.867	2308.435

Reviewed By:mohan
On:1/12/2025 8:52:46 PM
Inst Id :P5

Sample Name: P5202-03 Acquired: 01/09/2025 21:13:23 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHNF8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0890590	-.009515	.7331363	.0342179	.0235181	60.59545	.6923987
Stddev	.0057053	.001927	.0029994	.0008996	.0055196	.21574	.0049239
%RSD	6.406240	20.25456	.4091194	2.628960	23.46947	.3560394	.7111306
#1	.0840230	-.008762	.7352701	.0349806	.0226577	60.67174	.6914554
#2	.0952553	-.011705	.7297069	.0344473	.0294173	60.35193	.6880147
#3	.0878987	-.008078	.7344321	.0332259	.0184792	60.76269	.6977260

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0045336	.0032580	139.4626	.0943507	.0361263	.2467389	121.7579
Stddev	.0002464	.0000953	.1004	.0000398	.0004085	.0008786	.2899
%RSD	5.435682	2.923838	.0720181	.0422018	1.130642	.3560891	.2380784
#1	.0047871	.0032034	139.3744	.0943475	.0359820	.2477001	121.4531
#2	.0045186	.0032026	139.4414	.0943921	.0358096	.2465393	121.7905
#3	.0042950	.0033680	139.5719	.0943127	.0365874	.2459773	122.0301

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.397747	40.80322	.1298626	.0034201	.9006775	.1432698	.8656803
Stddev	.027045	.07406	.0015801	.0010024	.0161852	.0006711	.0070906
%RSD	.5010498	.1815008	1.216727	29.30993	1.797000	.4684290	.8190732
#1	5.366529	40.78369	.1309403	.0024926	.8890473	.1437486	.8715066
#2	5.412634	40.74088	.1280487	.0032841	.9191620	.1425027	.8577855
#3	5.414077	40.88508	.1305987	.0044836	.8938233	.1435581	.8677489

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.696870	6.901737	-.379332	.0101728	3.287132	11.02764	.0470223
Stddev	.089333	.009718	.004658	.0014361	.011814	.03979	.0026489
%RSD	1.901971	.1408012	1.227891	14.11743	.3594064	.3607894	5.633231
#1	4.658581	6.912818	-.381190	.0116713	3.288467	11.07162	.0497037
#2	4.798966	6.897728	-.374032	.0088085	3.274707	11.01715	.0469560
#3	4.633064	6.894666	-.382775	.0100386	3.298222	10.99415	.0444072

Reviewed By:mohan
On:1/12/2025 8:52:46 PM
Inst Id :P5

Sample Name: P5202-03 Acquired: 01/09/2025 21:13:23 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHNF8 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.7014513	.0528214	.0324222
Stddev	.0153472	.0001465	.0085443
%RSD	2.187927	.2773960	26.35333
#1	.6928229	.0528554	.0311245
#2	.6923602	.0529479	.0415411
#3	.7191708	.0526608	.0246009

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2387.911	21662.93	976.6738	1806.209	2309.919
Stddev	7.179	42.54	3.1167	6.640	5.671
%RSD	.3006296	.1963649	.3191141	.3676284	.2455103
#1	2381.556	21700.57	973.2253	1803.203	2303.474
#2	2386.479	21616.78	977.5069	1813.820	2312.134
#3	2395.698	21671.44	979.2894	1801.603	2314.148

Reviewed By:mohan
On:1/12/2025 8:52:46 PM
Inst Id :P5

Sample Name: P5202-04 Acquired: 01/09/2025 21:17:13 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHNF9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1302765	-.000907	.8001141	.0438403	.0324190	64.49868	1.057971
Stddev	.0055739	.006016	.0002909	.0032594	.0017624	.51617	.007411
%RSD	4.278516	663.0123	.0363540	7.434723	5.436280	.8002819	.7004616
#1	.1367091	.005508	.8001615	.0475459	.0340662	65.02561	1.065718
#2	.1268741	-.001806	.8003783	.0414175	.0305605	63.99399	1.050950
#3	.1272463	-.006424	.7998024	.0425573	.0326302	64.47645	1.057245

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0053816	.0044481	335.9151	.1138230	.0595152	.3155332	153.2719
Stddev	.0005303	.0000208	2.6720	.0008062	.0013566	.0062936	1.3646
%RSD	9.854158	.4675055	.7954286	.7082458	2.279467	1.994594	.8902893
#1	.0055641	.0044347	338.9318	.1143465	.0579576	.3227750	154.6504
#2	.0047841	.0044375	333.8464	.1128946	.0604388	.3113863	151.9218
#3	.0057966	.0044720	334.9671	.1142278	.0601491	.3124383	153.2436

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.919466	86.53205	.1572488	.0062861	.8943849	.1609723	.8272485
Stddev	.115361	.92621	.0022001	.0011522	.0230382	.0011037	.0022498
%RSD	1.162979	1.070372	1.399107	18.32861	2.575871	.6856740	.2719622
#1	10.03579	87.50675	.1553001	.0073357	.9154734	.1620901	.8252907
#2	9.80510	85.66346	.1568117	.0064693	.8697973	.1598831	.8297062
#3	9.91751	86.42595	.1596347	.0050533	.8978839	.1609438	.8267485

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.013309	7.153407	-.464944	.0109463	2.354239	11.88219	.0552245
Stddev	.364533	.002569	.007031	.0010756	.001745	.15083	.0018653
%RSD	5.197736	.0359116	1.512262	9.826331	.0741004	1.269402	3.377732
#1	7.426682	7.151726	-.471781	.0111963	2.352786	12.05631	.0549509
#2	6.737873	7.152129	-.465317	.0097677	2.356174	11.79142	.0572115
#3	6.875373	7.156364	-.457734	.0118750	2.353757	11.79885	.0535111

Reviewed By:mohan
On:1/12/2025 8:52:46 PM
Inst Id :P5

Sample Name: P5202-04 Acquired: 01/09/2025 21:17:13 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHNF9 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.6950425	.1773643	.0597180
Stddev	.0122330	.0019931	.0137769
%RSD	1.760039	1.123717	23.06989
#1	.7085505	.1795358	.0753799
#2	.6918658	.1756185	.0494724
#3	.6847113	.1769384	.0543016

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2418.430	21876.72	999.4167	1827.847	2123.799
Stddev	12.852	106.50	9.4864	9.718	12.443
%RSD	.5314219	.4868210	.9491961	.5316778	.5858651
#1	2425.085	21927.75	989.0480	1838.320	2130.681
#2	2426.589	21948.11	1007.660	1826.100	2131.281
#3	2403.615	21754.31	1001.542	1819.121	2109.436

Reviewed By:mohan
On:1/12/2025 8:52:46 PM
Inst Id :P5

Sample Name: P5202-05 Acquired: 01/09/2025 21:21:01 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHNG0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1458816	-.009156	1.166266	.0508313	.0295776	63.75467	.9904027
Stddev	.0047516	.004509	.006796	.0039676	.0044013	.42070	.0119364
%RSD	3.257129	49.25158	.5826997	7.805435	14.88036	.6598738	1.205207
#1	.1457782	-.008616	1.160730	.0524653	.0307238	63.28947	.9766720
#2	.1411826	-.004940	1.164218	.0463076	.0332924	64.10843	.9983065
#3	.1506841	-.013910	1.173851	.0537210	.0247167	63.86610	.9962296

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0061391	.0048403	309.1658	.1132598	.0652073	.9234233	168.8678
Stddev	.0002403	.0001574	2.7378	.0007737	.0010785	.0101691	1.5716
%RSD	3.914466	3.252424	.8855584	.6831124	1.653916	1.101238	.9306507
#1	.0060781	.0049840	306.1599	.1130640	.0664521	.9239763	167.1289
#2	.0064040	.0048650	311.5168	.1126028	.0646139	.9333046	170.1866
#3	.0059352	.0046720	309.8207	.1141125	.0645558	.9129890	169.2880

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.715157	67.97592	.2975393	.0088240	1.229931	.1549049	.8241635
Stddev	.084695	.80347	.0020255	.0012097	.022483	.0021886	.0050938
%RSD	.9718155	1.181988	.6807574	13.70867	1.827996	1.412894	.6180620
#1	8.642726	67.27146	.2991045	.0101142	1.233236	.1562597	.8273186
#2	8.808281	68.85099	.2982618	.0086423	1.250579	.1560750	.8182869
#3	8.694465	67.80531	.2952516	.0077154	1.205979	.1523799	.8268849

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.283589	6.674168	-.522573	.0107348	2.163460	7.552086	.0947311
Stddev	.201218	.030470	.007443	.0010354	.003515	.095769	.0016178
%RSD	2.762623	.4565430	1.424269	9.645374	.1624669	1.268111	1.707827
#1	7.188725	6.707290	-.519238	.0111379	2.167496	7.563765	.0965752
#2	7.147339	6.647328	-.531100	.0095585	2.161075	7.641480	.0940679
#3	7.514704	6.667886	-.517381	.0115081	2.161808	7.451014	.0935502

Reviewed By:mohan
On:1/12/2025 8:52:46 PM
Inst Id :P5

Sample Name: P5202-05 Acquired: 01/09/2025 21:21:01 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHNG0 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.9607851	.1897297	.0623606
Stddev	.0064709	.0004407	.0034206
%RSD	.6734983	.2322660	5.485112
#1	.9546898	.1894562	.0585082
#2	.9675754	.1902381	.0650413
#3	.9600903	.1894948	.0635323

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2445.268	22094.74	1015.986	1849.849	2129.479
Stddev	6.264	98.50	10.150	10.394	4.838
%RSD	.2561855	.4457990	.9990254	.5618814	.2272007
#1	2438.933	22204.23	1018.682	1855.484	2124.199
#2	2445.411	22066.64	1004.761	1856.209	2130.538
#3	2451.460	22013.35	1024.517	1837.855	2133.700

Reviewed By:mohan
On:1/12/2025 8:52:46 PM
Inst Id :P5

Sample Name: P5202-06 Acquired: 01/09/2025 21:24:47 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHNG1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1792014	-.012347	2.346322	.0799342	.0342565	60.46403
Stddev	.0094646	.005762	.019081	.0043968	.0024406	.61059
%RSD	5.281542	46.66476	.8132495	5.500508	7.124578	1.009843
#1	.1848957	-.011757	2.368218	.0749250	.0344648	60.18100
#2	.1844326	-.018381	2.337502	.0831549	.0317184	61.16478
#3	.1682759	-.006903	2.333245	.0817226	.0365863	60.04632

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.771217	.0078437	.0058927	174.3449	.1026946	.0776204
Stddev	.010044	.0000995	.0002142	.8498	.0001984	.0028741
%RSD	.5670515	1.268863	3.634131	.4874224	.1931800	3.702751
#1	1.765954	.0079478	.0060986	173.7455	.1026450	.0806932
#2	1.782799	.0078336	.0059083	175.3174	.1029131	.0749983
#3	1.764899	.0077495	.0056712	173.9717	.1025257	.0771697

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3831789	176.4241	13.67592	43.14612	.1635343	.0081999
Stddev	.0051789	1.8880	.12461	.35465	.0014799	.0014397
%RSD	1.351559	1.070148	.9111613	.8219690	.9049570	17.55793
#1	.3805877	174.7116	13.62170	42.76189	.1650796	.0068507
#2	.3891420	178.4487	13.81845	43.46091	.1633936	.0097157
#3	.3798071	176.1120	13.58761	43.21556	.1621298	.0080332

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.076570	.1670634	1.190779	8.754561	F 13.62590	-.570629
Stddev	.022186	.0010301	.009343	.191195	.14420	.012031
%RSD	2.060786	.6165878	.7846321	2.183946	1.058252	2.108397
#1	1.051927	.1663333	1.194761	8.814466	13.78942	-.557769
#2	1.094954	.1682417	1.180105	8.908630	13.57133	-.581611
#3	1.082829	.1666153	1.197472	8.540587	13.51696	-.572506

Reviewed By:mohan
On:1/12/2025 8:52:46 PM
Inst Id :P5

Sample Name: P5202-06 Acquired: 01/09/2025 21:24:47 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHNG1 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0139907	3.063242	10.23132	.0965462	.8469548	.1234314
Stddev	.0005165	.020161	.13055	.0006088	.0017925	.0004607
%RSD	3.691814	.6581604	1.275967	.6305271	.2116383	.3732386
#1	.0139379	3.086505	10.15343	.0965335	.8470093	.1239631
#2	.0135026	3.052384	10.38203	.0959439	.8451357	.1231801
#3	.0145316	3.050837	10.15849	.0971612	.8487194	.1231510

Elem	Li6707
Units	ppm
Avg	.0592760
Stddev	.0052160
%RSD	8.799464
#1	.0586559
#2	.0543979
#3	.0647744

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2528.570	22779.66	1039.507	1909.240	2224.589
Stddev	21.304	41.27	11.387	13.018	20.624
%RSD	.8425177	.1811562	1.095463	.6818460	.9270980
#1	2507.418	22738.45	1047.225	1906.191	2202.078
#2	2550.023	22779.55	1026.429	1923.512	2242.574
#3	2528.269	22820.98	1044.868	1898.017	2229.115

Reviewed By:mohan
On:1/12/2025 8:52:46 PM
Inst Id :P5

Sample Name: P5202-07 Acquired: 01/09/2025 21:28:33 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHNG2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1343632	-.013139	.5898879	.0555162	.0333317	60.99943
Stddev	.0043906	.002122	.0062311	.0077917	.0035743	.65241
%RSD	3.267715	16.14761	1.056321	14.03504	10.72340	1.069527
#1	.1393997	-.014695	.5913392	.0611119	.0373972	60.25327
#2	.1313422	-.010722	.5830592	.0588197	.0319149	61.46236
#3	.1323477	-.014001	.5952652	.0466170	.0306830	61.28265

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9580197	.0054064	.0034598	250.5919	.0990988	.0595178
Stddev	.0103262	.0002466	.0001040	2.5103	.0012360	.0020230
%RSD	1.077870	4.560615	3.005264	1.001752	1.247261	3.399044
#1	.9464962	.0056848	.0033414	247.7722	.1005124	.0611011
#2	.9611289	.0052156	.0035014	251.4197	.0985624	.0572387
#3	.9664341	.0053189	.0035365	252.5838	.0982216	.0602137

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2741961	165.7858	9.354540	51.79749	.1530480	.0060516
Stddev	.0015693	1.7873	.105543	.57733	.0009269	.0019884
%RSD	.5723163	1.078085	1.128255	1.114598	.6056248	32.85710
#1	.2724128	163.7289	9.238054	51.13235	.1531775	.0040723
#2	.2753664	166.6679	9.381757	52.16884	.1520632	.0080489
#3	.2748090	166.9606	9.443809	52.09129	.1539033	.0060337

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.045942	.1669355	.6014048	6.537003	F 15.20997	-.533823
Stddev	.034113	.0018952	.0008993	.043559	.06349	.002979
%RSD	3.261439	1.135279	.1495368	.6663428	.4174269	.5580342
#1	1.028026	.1649710	.6010011	6.557631	15.17483	-.536944
#2	1.085280	.1670827	.6007780	6.566416	15.17182	-.533513
#3	1.024521	.1687527	.6024352	6.486962	15.28326	-.531011

Reviewed By:mohan
On:1/12/2025 8:52:46 PM
Inst Id :P5

Sample Name: P5202-07 Acquired: 01/09/2025 21:28:33 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHNG2 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0081283	1.175866	10.34590	.0401907	.7703210	.2064079
Stddev	.0012622	.009334	.03595	.0014487	.0096114	.0020154
%RSD	15.52887	.7938339	.3475143	3.604661	1.247716	.9763907
#1	.0086962	1.173186	10.30521	.0385628	.7613992	.2041050
#2	.0066819	1.168164	10.37338	.0406713	.7690653	.2078492
#3	.0090069	1.186247	10.35912	.0413381	.7804986	.2072697

Elem	Li6707
Units	ppm
Avg	.0640683
Stddev	.0021857
%RSD	3.411543
#1	.0625353
#2	.0630984
#3	.0665711

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2571.573	23068.35	1061.466	1947.144	2151.850
Stddev	11.813	115.18	4.491	8.131	7.658
%RSD	.4593708	.4992902	.4230523	.4176007	.3558822
#1	2567.288	23081.61	1063.470	1941.486	2150.308
#2	2584.930	23176.33	1064.606	1956.462	2160.162
#3	2562.499	22947.12	1056.322	1943.485	2145.081

Reviewed By:mohan
On:1/12/2025 8:52:46 PM
Inst Id :P5

Sample Name: P5202-08 Acquired: 01/09/2025 21:32:20 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHNG3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1344325	-.006730	.3550543	.0607084	.0307884	61.58099
Stddev	.0055513	.002885	.0012567	.0049282	.0032492	.88577
%RSD	4.129446	42.86143	.3539545	8.117799	10.55338	1.438374
#1	.1362359	-.008832	.3541208	.0589381	.0345343	62.59112
#2	.1282036	-.003441	.3545588	.0662771	.0291005	61.21490
#3	.1388578	-.007917	.3564832	.0569098	.0287306	60.93696

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6809067	.0050969	.0026086	256.4960	.0931919	.0557519
Stddev	.0067006	.0002011	.0000503	3.2374	.0006539	.0011056
%RSD	.9840715	3.945890	1.929096	1.262150	.7017075	1.983029
#1	.6886189	.0053282	.0026143	260.1766	.0928040	.0549082
#2	.6775890	.0049633	.0025557	255.2220	.0939470	.0553440
#3	.6765122	.0049992	.0026558	254.0895	.0928249	.0570034

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4593215	169.9120	10.25689	67.72748	.1695369	.0067110
Stddev	.0054081	2.6087	.15334	1.22580	.0015171	.0017188
%RSD	1.177413	1.535343	1.494977	1.809901	.8948403	25.61191
#1	.4648686	172.8682	10.42973	69.13341	.1704932	.0051519
#2	.4590318	168.9347	10.20378	67.16633	.1677877	.0064271
#3	.4540641	167.9330	10.13718	66.88270	.1703299	.0085541

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.015453	.1520035	.4188777	8.132637	F 12.55837	-.537147
Stddev	.024210	.0017185	.0010533	.379011	.05968	.008361
%RSD	2.384150	1.130546	.2514479	4.660366	.4752185	1.556576
#1	1.037858	.1539706	.4181900	8.559844	12.60813	-.546760
#2	.989772	.1507937	.4200903	7.836755	12.49220	-.531572
#3	1.018728	.1512463	.4183530	8.001311	12.57476	-.533108

Reviewed By:mohan
On:1/12/2025 8:52:46 PM
Inst Id :P5

Sample Name: P5202-08 Acquired: 01/09/2025 21:32:20 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHNG3 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0081576	.8044188	9.569555	.0266086	.6605030	.1544695
Stddev	.0008150	.0064051	.131034	.0019820	.0097681	.0010892
%RSD	9.990970	.7962433	1.369278	7.448582	1.478892	.7051011
#1	.0079801	.7974346	9.718002	.0260888	.6596300	.1557257
#2	.0074460	.8058033	9.520682	.0287986	.6512007	.1537886
#3	.0090468	.8100184	9.469983	.0249383	.6706784	.1538941

Elem	Li6707
Units	ppm
Avg	.0773057
Stddev	.0041139
%RSD	5.321654
#1	.0820307
#2	.0745186
#3	.0753678

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2535.010	22715.08	1038.750	1905.758	2161.868
Stddev	9.913	82.69	16.419	13.208	8.214
%RSD	.3910349	.3640235	1.580607	.6930772	.3799472
#1	2529.009	22638.73	1020.191	1890.660	2157.278
#2	2546.452	22703.62	1044.678	1911.434	2171.351
#3	2529.569	22802.91	1051.382	1915.179	2156.974

Reviewed By:mohan
On:1/12/2025 8:52:46 PM
Inst Id :P5

Sample Name: P5202-09 Acquired: 01/09/2025 21:36:07 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHNG4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1193854	-.007991	3.451933	.0598292	.0382269	60.04368
Stddev	.0051484	.006552	.006936	.0076235	.0045141	.64704
%RSD	4.312404	81.99641	.2009296	12.74219	11.80860	1.077610
#1	.1146416	-.012970	3.456559	.0685399	.0383580	59.93207
#2	.1248602	-.000568	3.455282	.0543732	.0426740	59.45970
#3	.1186544	-.010434	3.443958	.0565745	.0336487	60.73926

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.653858	.0059357	.0124931	479.0954	.1716621	.0556521
Stddev	.011485	.0000288	.0002239	1.6645	.0007061	.0008033
%RSD	.6944210	.4846785	1.792036	.3474293	.4113347	1.443358
#1	1.640618	.0059670	.0123585	477.4797	.1724105	.0563694
#2	1.659822	.0059297	.0123692	479.0018	.1710077	.0558025
#3	1.661133	.0059105	.0127515	480.8048	.1715682	.0547842

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5273837	177.1322	9.133311	88.21666	.2341376	.0081665
Stddev	.0092126	1.0985	.042389	.22702	.0011718	.0003681
%RSD	1.746846	.6201751	.4641172	.2573474	.5004560	4.507680
#1	.5167493	176.8044	9.098319	88.23392	.2352384	.0078037
#2	.5324710	176.2348	9.121168	88.43456	.2329059	.0085398
#3	.5329309	178.3573	9.180447	87.98150	.2342684	.0081559

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.248074	.1662113	2.517231	8.003348	F 11.92302	-.533682
Stddev	.042535	.0027643	.007132	.084450	.03018	.016835
%RSD	3.408078	1.663128	.2833448	1.055184	.2531185	3.154501
#1	1.201518	.1633262	2.520748	8.034400	11.95660	-.514417
#2	1.257802	.1664713	2.521922	7.907768	11.89818	-.541063
#3	1.284904	.1688364	2.509023	8.067876	11.91427	-.545565

Reviewed By:mohan
On:1/12/2025 8:52:46 PM
Inst Id :P5

Sample Name: P5202-09 Acquired: 01/09/2025 21:36:07 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHNG4 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0135444	5.313767	9.277986	.1455960	.7289859	.4900793
Stddev	.0009876	.011428	.166479	.0007579	.0049727	.0015550
%RSD	7.291333	.2150666	1.794345	.5205365	.6821368	.3172883
#1	.0130534	5.321197	9.085882	.1460426	.7283531	.4885637
#2	.0128986	5.300607	9.367938	.1460245	.7243599	.4900033
#3	.0146812	5.319497	9.380139	.1447210	.7342447	.4916709

Elem	Li6707
Units	ppm
Avg	.0709905
Stddev	.0049895
%RSD	7.028350
#1	.0695689
#2	.0668662
#3	.0765365

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2429.320	21639.97	1015.596	1843.359	2076.400
Stddev	2.200	188.54	11.594	16.944	.856
%RSD	.0905715	.8712431	1.141637	.9191669	.0412123
#1	2426.973	21436.82	1028.983	1824.409	2076.865
#2	2431.335	21673.78	1009.060	1848.621	2076.922
#3	2429.653	21809.32	1008.746	1857.048	2075.412

Reviewed By:mohan
On:1/12/2025 8:52:46 PM
Inst Id :P5

Sample Name: P5202-13 Acquired: 01/09/2025 21:39:52 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHNG6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1385449	-.006711	3.711505	.0556484	.0437233	53.22636	1.917640
Stddev	.0007459	.005815	.002161	.0078705	.0070078	.24036	.008543
%RSD	.5384114	86.64706	.0582136	14.14325	16.02752	.4515826	.4454719
#1	.1384843	-.000998	3.711991	.0471219	.0367247	53.35133	1.915848
#2	.1378311	-.006513	3.713381	.0571880	.0437051	53.37848	1.926936
#3	.1393193	-.012623	3.709143	.0626353	.0507402	52.94925	1.910135

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0064657	.0122723	449.4680	.1376413	.0550674	.5415929	176.5947
Stddev	.0001320	.0002516	3.0480	.0004585	.0002783	.0029706	.9712
%RSD	2.041026	2.049910	.6781426	.3331372	.5054292	.5484833	.5499366
#1	.0063696	.0124741	451.6984	.1379043	.0553480	.5436680	176.7922
#2	.0066161	.0119904	450.7106	.1379077	.0550628	.5429207	177.4520
#3	.0064113	.0123523	445.9950	.1371118	.0547914	.5381900	175.5400

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.833206	84.06342	.2061788	.0086683	1.342530	.1536875	2.345746
Stddev	.058258	.69198	.0006513	.0009642	.027099	.0017852	.008250
%RSD	.6595327	.8231655	.3158810	11.12306	2.018526	1.161563	.3517139
#1	8.895094	84.63342	.2059253	.0082297	1.369649	.1555486	2.340333
#2	8.825093	84.26335	.2056924	.0080015	1.342491	.1535246	2.355242
#3	8.779429	83.29349	.2069187	.0097738	1.315450	.1519894	2.341664

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.732240	9.817307	-.519284	.0122475	3.619280	11.15244	.1767936
Stddev	.524973	.013793	.004267	.0002477	.017554	.04579	.0018992
%RSD	7.797893	.1404966	.8216416	2.022575	.4850016	.4105752	1.074256
#1	7.318179	9.802296	-.518517	.0119644	3.637975	11.18477	.1747278
#2	6.304720	9.820200	-.523882	.0123538	3.603150	11.17250	.1784639
#3	6.573823	9.829423	-.515453	.0124243	3.616715	11.10004	.1771892

Reviewed By:mohan
On:1/12/2025 8:52:46 PM
Inst Id :P5

Sample Name: P5202-13 Acquired: 01/09/2025 21:39:52 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHNG6 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.7281125	.4992576	.0576411
Stddev	.0096133	.0027262	.0044940
%RSD	1.320298	.5460572	7.796500
#1	.7328965	.5003550	.0528456
#2	.7343953	.5012641	.0617559
#3	.7170459	.4961537	.0583218

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2379.636	21366.37	991.9666	1810.472	2092.246
Stddev	7.257	83.05	7.9681	8.801	4.224
%RSD	.3049833	.3886717	.8032592	.4860911	.2018824
#1	2387.162	21419.60	985.1718	1810.102	2096.992
#2	2379.067	21270.68	989.9916	1801.862	2088.900
#3	2372.680	21408.83	1000.736	1819.451	2090.845

Reviewed By:mohan
On:1/12/2025 8:52:46 PM
Inst Id :P5

Sample Name: P5202-14 Acquired: 01/09/2025 21:43:38 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHNG7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1004775	-.007996	1.768720	.0420564	.0348216	50.79210	1.091703
Stddev	.0055148	.003388	.007550	.0083278	.0005681	.15329	.004404
%RSD	5.488580	42.37607	.4268388	19.80153	1.631519	.3018080	.4034185
#1	.0971623	-.011186	1.777429	.0332594	.0353145	50.61524	1.090923
#2	.1068436	-.008363	1.764687	.0498182	.0349502	50.87420	1.096446
#3	.0974266	-.004439	1.764043	.0430917	.0342003	50.88686	1.087742

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0060687	.0048848	581.9073	.0934535	.0481583	.3982753	173.2552
Stddev	.0002892	.0001738	1.6775	.0014149	.0006573	.0040587	.3234
%RSD	4.765887	3.558277	.2882684	1.514045	1.364809	1.019065	.1866656
#1	.0057481	.0047649	581.7181	.0923732	.0473998	.3938547	173.0464
#2	.0061476	.0048054	583.6713	.0929322	.0485590	.4018334	173.6278
#3	.0063102	.0050842	580.3324	.0950551	.0485162	.3991377	173.0916

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.355890	101.6617	.1432020	.0061950	1.377621	.1328076	1.074850
Stddev	.003695	.5139	.0011386	.0006583	.037717	.0020255	.006310
%RSD	.0581356	.5054852	.7950770	10.62563	2.737835	1.525113	.5870811
#1	6.359593	101.7764	.1445051	.0069223	1.341934	.1311934	1.068836
#2	6.352203	102.1086	.1423996	.0056401	1.417084	.1350804	1.074293
#3	6.355875	101.1002	.1427014	.0060227	1.373845	.1321490	1.081420

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.036646	6.787048	-.506952	.0092955	2.687201	11.14666	.1439583
Stddev	.032984	.022758	.006982	.0005189	.006854	.11725	.0038696
%RSD	.4687394	.3353115	1.377307	5.582711	.2550745	1.051864	2.688016
#1	7.001462	6.808642	-.507177	.0087210	2.691902	11.03367	.1440193
#2	7.066866	6.789220	-.513819	.0097304	2.690366	11.26774	.1477971
#3	7.041611	6.763282	-.499860	.0094351	2.679336	11.13856	.1400585

Reviewed By:mohan
On:1/12/2025 8:52:46 PM
Inst Id :P5

Sample Name: P5202-14 Acquired: 01/09/2025 21:43:38 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHNG7 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.6015929	.5426762	.0759624
Stddev	.0100748	.0009396	.0081373
%RSD	1.674680	.1731321	10.71229
#1	.6119904	.5426495	.0720910
#2	.6009128	.5417503	.0704835
#3	.5918754	.5436288	.0853126

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2305.570	20711.08	969.1171	1746.277	2028.132
Stddev	3.739	27.44	6.5162	6.876	3.576
%RSD	.1621645	.1324706	.6723846	.3937572	.1763416
#1	2309.774	20689.42	973.2645	1743.596	2030.525
#2	2302.617	20741.93	961.6065	1754.090	2024.020
#3	2304.320	20701.89	972.4803	1741.146	2029.850

Reviewed By:mohan
On:1/12/2025 8:52:46 PM
Inst Id :P5

Sample Name: P5202-15 Acquired: 01/09/2025 21:47:25 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHNG8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1084206	-.006913	.9740222	.0629919	.0338142	67.73524	1.012355
Stddev	.0076510	.006227	.0057212	.0066986	.0031704	.19384	.003782
%RSD	7.056771	90.08528	.5873798	10.63401	9.375847	.2861697	.3735813
#1	.1166070	-.009744	.9676240	.0625295	.0333088	67.95861	1.008088
#2	.1072040	-.011221	.9757964	.0565365	.0372070	67.63591	1.013685
#3	.1014507	.000227	.9786460	.0699096	.0309270	67.61120	1.015292

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0069748	.0043846	689.2343	.0990154	.0626221	.2401298	197.2578
Stddev	.0000611	.0002260	1.0216	.0011611	.0023215	.0009575	.3736
%RSD	.8753093	5.153981	.1482290	1.172601	3.707153	.3987320	.1893830
#1	.0070307	.0045897	690.1366	.0978695	.0612729	.2412304	197.6832
#2	.0069096	.0041424	689.4413	.0989856	.0612907	.2396702	197.1067
#3	.0069842	.0044218	688.1250	.1001910	.0653027	.2394888	196.9834

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.384869	127.5654	.1832631	.0074850	1.376780	.1451410	.6527322
Stddev	.006547	.5692	.0013656	.0000702	.027791	.0005136	.0035398
%RSD	.0697635	.4462229	.7451406	.9384501	2.018573	.3538519	.5423023
#1	9.390882	128.2098	.1835414	.0074177	1.407658	.1447760	.6494637
#2	9.377894	127.1312	.1844681	.0074793	1.368905	.1449186	.6522411
#3	9.385831	127.3551	.1817798	.0075578	1.353775	.1457283	.6564919

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.940838	6.923608	-.581133	.0080044	2.449139	9.419451	.0824899
Stddev	.216718	.012611	.003854	.0004687	.010049	.051721	.0006791
%RSD	2.423916	.1821430	.6632731	5.855088	.4103147	.5490822	.8233004
#1	9.124171	6.910259	-.579665	.0077362	2.451054	9.479115	.0828881
#2	8.701664	6.925244	-.578228	.0085456	2.438271	9.391893	.0817057
#3	8.996681	6.935321	-.585506	.0077315	2.458094	9.387344	.0828757

Reviewed By:mohan
On:1/12/2025 8:52:46 PM
Inst Id :P5

Sample Name: P5202-15 Acquired: 01/09/2025 21:47:25 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHNG8 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.3114544	.4797400	.0960068
Stddev	.0017057	.0011173	.0071935
%RSD	.5476598	.2328965	7.492680
#1	.3129881	.4795538	.0926276
#2	.3096174	.4809387	.1042677
#3	.3117577	.4787275	.0911251

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2373.510	21286.40	995.3005	1786.644	1979.657
Stddev	8.231	129.39	7.5396	5.564	8.851
%RSD	.3467715	.6078646	.7575163	.3114419	.4471001
#1	2382.869	21144.92	987.3117	1780.747	1989.789
#2	2367.396	21315.58	996.2982	1791.802	1973.426
#3	2370.266	21398.72	1002.292	1787.384	1975.757

Reviewed By:mohan
On:1/12/2025 8:52:46 PM
Inst Id :P5

Sample Name: P5202-16 Acquired: 01/09/2025 21:51:12 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHNG9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1150312	-.003598	4.044816	.0350376	.0285583	50.89089	1.250159
Stddev	.0025937	.002479	.013970	.0033294	.0003628	.62853	.016350
%RSD	2.254812	68.88908	.3453693	9.502411	1.270403	1.235045	1.307816
#1	.1161936	-.001047	4.036885	.0341761	.0287676	51.48429	1.264235
#2	.1168405	-.003751	4.036616	.0387131	.0281393	50.95606	1.254016
#3	.1120596	-.005998	4.060946	.0322237	.0287679	50.23232	1.232225

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0053390	.0042984	403.4928	.1038280	.0564427	.3710810	143.9966
Stddev	.0002731	.0001442	2.8824	.0015148	.0008567	.0020050	1.2064
%RSD	5.114248	3.354560	.7143580	1.458988	1.517870	.5403053	.8377867
#1	.0056463	.0041330	405.4012	.1021554	.0558356	.3706683	145.2831
#2	.0052466	.0043641	404.9000	.1051076	.0560698	.3732602	143.8159
#3	.0051242	.0043980	400.1771	.1042209	.0574227	.3693144	142.8907

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.679399	64.19025	.1506693	.0059795	1.302408	.1403967	1.387645
Stddev	.063918	.36062	.0011616	.0010928	.009055	.0019527	.003752
%RSD	.6603501	.5617995	.7709662	18.27643	.6952188	1.390842	.2703865
#1	9.731012	64.42177	.1519839	.0055068	1.295435	.1406297	1.385025
#2	9.699283	64.37424	.1502426	.0072291	1.312641	.1422225	1.391943
#3	9.607902	63.77475	.1497814	.0052025	1.299147	.1383380	1.385967

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.730276	9.421577	-.411436	.0112928	2.029421	9.849045	.1624433
Stddev	.125546	.009402	.002535	.0006105	.002498	.053690	.0025549
%RSD	1.624087	.0997936	.6160663	5.406318	.1230862	.5451301	1.572816
#1	7.873513	9.416132	-.408619	.0107209	2.028531	9.860858	.1652158
#2	7.678007	9.416166	-.412160	.0119358	2.027490	9.895845	.1601838
#3	7.639310	9.432434	-.413531	.0112216	2.032242	9.790432	.1619303

Reviewed By:mohan
On:1/12/2025 8:52:46 PM
Inst Id :P5

Sample Name: P5202-16 Acquired: 01/09/2025 21:51:12 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHNG9 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.5308180	.4251779	.0714533
Stddev	.0111853	.0045602	.0057969
%RSD	2.107173	1.072548	8.112798
#1	.5405294	.4298319	.0656568
#2	.5333363	.4249843	.0714525
#3	.5185883	.4207176	.0772505

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2411.778	21656.07	996.7146	1808.985	2104.311
Stddev	4.664	70.98	8.9490	7.513	4.353
%RSD	.1933706	.3277515	.8978509	.4152923	.2068473
#1	2415.812	21626.74	990.0924	1803.018	2105.913
#2	2412.849	21604.45	993.1559	1806.515	2107.636
#3	2406.671	21737.01	1006.896	1817.421	2099.385

Reviewed By:mohan
On:1/12/2025 8:52:46 PM
Inst Id :P5

Sample Name: P5202-17 Acquired: 01/09/2025 21:54:59 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHNH0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1098504	-.015046	3.286745	.0683389	.0404890	58.54368	1.306721
Stddev	.0053931	.002057	.007792	.0075804	.0007356	.29257	.006312
%RSD	4.909463	13.67188	.2370711	11.09230	1.816861	.4997484	.4830730
#1	.1041757	-.013043	3.278177	.0596571	.0413379	58.22730	1.301263
#2	.1149089	-.017153	3.288654	.0736446	.0400389	58.59929	1.305267
#3	.1104666	-.014942	3.293406	.0717152	.0400901	58.80446	1.313634

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0065425	.0038254	489.7755	.0925962	.0509358	.6410230	204.2767
Stddev	.0003580	.0000972	1.9515	.0007059	.0009544	.0061007	1.5190
%RSD	5.471311	2.541755	.3984474	.7623129	1.873659	.9517080	.7435983
#1	.0064667	.0038556	488.2808	.0921821	.0506100	.6472189	203.5308
#2	.0069322	.0039039	489.0625	.0934112	.0501870	.6408277	203.2749
#3	.0062284	.0037166	491.9832	.0921952	.0520104	.6350223	206.0245

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.840403	70.01672	.1598727	.0071779	1.531379	.1572437	1.130325
Stddev	.052101	.25485	.0004055	.0008666	.058174	.0021137	.009073
%RSD	.5294577	.3639886	.2536217	12.07257	3.798803	1.344203	.8027287
#1	9.788173	69.72536	.1594275	.0080923	1.528294	.1594988	1.129203
#2	9.840662	70.19821	.1599695	.0063688	1.474810	.1553078	1.121865
#3	9.892373	70.12659	.1602209	.0070727	1.591035	.1569246	1.139908

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.047204	9.647836	-.587407	.0097902	2.541799	9.897412	.1322729
Stddev	.122999	.029738	.007364	.0000907	.005019	.104631	.0006203
%RSD	1.359524	.3082331	1.253631	.9261904	.1974452	1.057157	.4689266
#1	9.001723	9.651556	-.595133	.0096971	2.538424	10.01537	.1329834
#2	9.186466	9.616413	-.586620	.0098783	2.539407	9.86107	.1319961
#3	8.953422	9.675539	-.580469	.0097951	2.547566	9.81580	.1318392

Reviewed By:mohan
On:1/12/2025 8:52:46 PM
Inst Id :P5

Sample Name: P5202-17 Acquired: 01/09/2025 21:54:59 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHNH0 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.7560844	.5156939	.0945279
Stddev	.0006294	.0041782	.0096644
%RSD	.0832492	.8102180	10.22381
#1	.7567545	.5109691	.0910131
#2	.7555056	.5172109	.0871127
#3	.7559930	.5189018	.1054577

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2356.683	21500.48	993.1044	1788.856	2051.599
Stddev	2.364	194.62	5.0048	20.388	2.048
%RSD	.1002963	.9051958	.5039594	1.139736	.0998110
#1	2359.229	21691.38	988.3894	1802.269	2052.158
#2	2354.559	21507.71	998.3559	1798.905	2053.310
#3	2356.262	21302.34	992.5681	1765.394	2049.331

Reviewed By:mohan
On:1/12/2025 8:52:46 PM
Inst Id :P5

Sample Name: P5202-18 Acquired: 01/09/2025 21:58:45 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHNJ5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2019184	-.025645	2.520570	.0941813	.0501306	68.89556
Stddev	.0013373	.005711	.006605	.0088053	.0030682	.19991
%RSD	.6622783	22.26843	.2620302	9.349255	6.120513	.2901704
#1	.2022207	-.031752	2.514845	.0955105	.0532938	68.90588
#2	.2004558	-.020437	2.519071	.0847870	.0471671	69.09011
#3	.2030786	-.024747	2.527796	.1022464	.0499310	68.69068

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.655034	.0068576	.0072008	135.6583	.1898347	.0371026
Stddev	.011749	.0000828	.0001177	.5294	.0009184	.0008828
%RSD	.7098945	1.207293	1.633860	.3902213	.4837704	2.379287
#1	1.667512	.0067839	.0072946	136.2242	.1906077	.0361024
#2	1.653407	.0069472	.0072390	135.5755	.1888195	.0377728
#3	1.644184	.0068417	.0070688	135.1752	.1900768	.0374328

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3597299	202.9227	8.781759	35.41246	.1789816	.0091413
Stddev	.0004915	.6559	.028334	.13250	.0015906	.0013612
%RSD	.1366295	.3232499	.3226412	.3741609	.8886995	14.89099
#1	.3593361	203.4638	8.800622	35.46022	.1806534	.0104139
#2	.3595728	203.1110	8.795476	35.51447	.1788043	.0093039
#3	.3602807	202.1931	8.749177	35.26271	.1774871	.0077060

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8536118	.1561823	1.430918	10.10960	F 20.48143	-.632996
Stddev	.0219299	.0016856	.005875	.16485	.04130	.010765
%RSD	2.569066	1.079223	.4105954	1.630644	.2016540	1.700634
#1	.8403382	.1559160	1.425749	9.92220	20.43424	-.639674
#2	.8789242	.1546457	1.437308	10.17432	20.51099	-.620577
#3	.8415731	.1579851	1.429696	10.23226	20.49905	-.638737

Reviewed By:mohan
On:1/12/2025 8:52:46 PM
Inst Id :P5

Sample Name: P5202-18 Acquired: 01/09/2025 21:58:45 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHNJ5 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0096515	3.284880	11.13927	.0968050	.6970494	.1016797
Stddev	.0005359	.003086	.04998	.0010263	.0108579	.0016402
%RSD	5.552116	.0939522	.4486935	1.060157	1.557689	1.613111
#1	.0100404	3.286059	11.16584	.0966292	.7024154	.1031054
#2	.0098738	3.281378	11.08162	.0979078	.7041796	.0998871
#3	.0090403	3.287202	11.17035	.0958779	.6845533	.1020465

Elem	Li6707
Units	ppm
Avg	.0820659
Stddev	.0041772
%RSD	5.090031
#1	.0819855
#2	.0779295
#3	.0862827

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2597.073	23868.04	1072.676	1946.084	2252.820
Stddev	8.974	121.34	4.446	11.159	9.526
%RSD	.3455551	.5083896	.4144389	.5734162	.4228698
#1	2606.449	23788.94	1067.584	1949.023	2263.059
#2	2588.563	23807.44	1075.782	1933.750	2244.218
#3	2596.207	24007.75	1074.663	1955.480	2251.182

Reviewed By:mohan
On:1/12/2025 8:52:46 PM
Inst Id :P5

Sample Name: P5202-19 Acquired: 01/09/2025 22:02:31 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHNJ6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2093679	-.020911	2.809292	.1006455	.0456662	65.38543
Stddev	.0053495	.004067	.008198	.0054005	.0049646	1.04987
%RSD	2.555069	19.45038	.2918002	5.365818	10.87149	1.605659
#1	.2057130	-.025048	2.809610	.0969322	.0503624	66.03057
#2	.2155079	-.020770	2.800940	.1068407	.0404709	65.95172
#3	.2068827	-.016917	2.817326	.0981634	.0461654	64.17401

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.675082	.0069985	.0056083	138.5889	.1038947	.0503727
Stddev	.036685	.0001576	.0000577	2.6818	.0029359	.0018181
%RSD	2.190033	2.251265	1.028983	1.935072	2.825857	3.609290
#1	1.698703	.0071531	.0056509	140.4237	.1017087	.0491327
#2	1.693723	.0068381	.0055426	139.8319	.1027437	.0495256
#3	1.632820	.0070044	.0056314	135.5111	.1072317	.0524598

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4712385	198.3239	10.47820	37.97922	.1685650	.0089443
Stddev	.0050945	3.6547	.22181	.74398	.0011663	.0004611
%RSD	1.081097	1.842775	2.116872	1.958915	.6918674	5.155035
#1	.4709616	200.8382	10.60836	38.47573	.1691514	.0087286
#2	.4764659	200.0020	10.60417	38.33809	.1672220	.0094737
#3	.4662881	194.1316	10.22209	37.12382	.1693218	.0086306

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.276315	.1795174	1.250750	7.928354	F 11.39608	-.631843
Stddev	.002089	.0021330	.023349	.189499	.04131	.002491
%RSD	.0917536	1.188158	1.866788	2.390138	.3624945	.3943123
#1	2.275072	.1790582	1.225330	8.140623	11.38201	-.633236
#2	2.278727	.1818425	1.255679	7.868221	11.36366	-.633327
#3	2.275148	.1776514	1.271241	7.776217	11.44259	-.628967

Reviewed By:mohan
On:1/12/2025 8:52:46 PM
Inst Id :P5

Sample Name: P5202-19 Acquired: 01/09/2025 22:02:31 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHNJ6 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0113613	2.858359	12.87471	.1175304	.8433526	.1242614
Stddev	.0003832	.013480	.14977	.0021615	.0234976	.0021754
%RSD	3.372771	.4715998	1.163268	1.839063	2.786219	1.750634
#1	.0115472	2.862108	12.86285	.1150628	.8607696	.1251107
#2	.0116161	2.843401	13.03005	.1184403	.8526616	.1258841
#3	.0109206	2.869567	12.73122	.1190882	.8166267	.1217896

Elem	Li6707
Units	ppm
Avg	.0527255
Stddev	.0059149
%RSD	11.21830
#1	.0592748
#2	.0511289
#3	.0477727

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2548.845	23830.68	1038.197	1950.417	2253.159
Stddev	2.690	423.97	8.588	33.998	5.151
%RSD	.1055316	1.779099	.8271610	1.743091	.2286179
#1	2546.927	24231.55	1035.483	1983.915	2255.340
#2	2547.689	23873.63	1031.294	1951.396	2256.860
#3	2551.920	23386.87	1047.814	1915.941	2247.276

Reviewed By:mohan
On:1/12/2025 8:52:46 PM
Inst Id :P5

Sample Name: P5203-01 Acquired: 01/09/2025 22:06:18 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHN27 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1097486	-.008713	3.007951	.0537970	.0259355	55.66159	1.221721
Stddev	.0034141	.001398	.001893	.0045082	.0027971	.26718	.004854
%RSD	3.110818	16.04599	.0629227	8.380091	10.78479	.4800052	.3973430
#1	.1134776	-.009730	3.009978	.0572097	.0244466	55.74007	1.224401
#2	.1089919	-.009291	3.006230	.0554949	.0291621	55.88074	1.216117
#3	.1067764	-.007119	3.007646	.0486863	.0241977	55.36396	1.224645

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0055823	.0055730	170.8518	.1993188	.0514756	.3674762	142.1806
Stddev	.0001556	.0001070	.3390	.0019141	.0009716	.0004866	.2660
%RSD	2.786605	1.920224	.1983891	.9603324	1.887515	.1324210	.1870564
#1	.0057205	.0054507	171.1921	.1973518	.0524930	.3671894	142.4741
#2	.0054138	.0056188	170.8492	.1994292	.0505574	.3680380	141.9556
#3	.0056126	.0056495	170.5142	.2011753	.0513765	.3672010	142.1121

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.941767	65.41566	.2008833	.0053495	.9368621	.1591556	1.673453
Stddev	.013666	.07482	.0004943	.0007092	.0350063	.0009535	.007427
%RSD	.1968625	.1143806	.2460682	13.25672	3.736553	.5990988	.4438422
#1	6.947967	65.49878	.2008261	.0048422	.9206487	.1595689	1.675672
#2	6.951233	65.39452	.2004201	.0061598	.9770357	.1598328	1.679519
#3	6.926100	65.35368	.2014038	.0050465	.9129018	.1580652	1.665169

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.517155	9.790314	-.425165	.0129286	4.786697	6.023281	.2344777
Stddev	.204569	.017764	.006348	.0013454	.004296	.016542	.0012567
%RSD	3.138937	.1814470	1.493081	10.40619	.0897547	.2746286	.5359500
#1	6.574382	9.810503	-.419097	.0143985	4.786771	6.042179	.2334758
#2	6.687017	9.783357	-.431760	.0117582	4.790956	6.016236	.2358877
#3	6.290066	9.777081	-.424637	.0126292	4.782364	6.011429	.2340696

Reviewed By:mohan
On:1/12/2025 8:52:46 PM
Inst Id :P5

Sample Name: P5203-01 Acquired: 01/09/2025 22:06:18 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHN27 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.7200266	.1398157	.0456747
Stddev	.0084995	.0002131	.0065265
%RSD	1.180436	.1524214	14.28901
#1	.7165657	.1400613	.0394455
#2	.7138036	.1396788	.0524625
#3	.7297105	.1397071	.0451162

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2434.335	22370.88	1010.082	1833.603	2251.721
Stddev	10.619	99.34	4.260	12.248	8.583
%RSD	.4362378	.4440398	.4217603	.6679750	.3811663
#1	2433.935	22462.09	1009.522	1838.837	2253.636
#2	2423.921	22265.04	1006.130	1819.607	2242.343
#3	2445.149	22385.49	1014.595	1842.364	2259.185

Reviewed By:mohan
On:1/12/2025 8:52:46 PM
Inst Id :P5

Sample Name: P5203-02 Acquired: 01/09/2025 22:10:04 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHN28 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0983704	-.005889	2.432917	.0431462	.0275431	48.02202	1.017927
Stddev	.0046585	.002948	.004365	.0025743	.0041104	.53657	.011221
%RSD	4.735668	50.05424	.1793955	5.966413	14.92350	1.117348	1.102375
#1	.0952771	-.007959	2.428840	.0429861	.0228964	47.42706	1.005586
#2	.1037283	-.002514	2.432392	.0406557	.0290291	48.16972	1.020678
#3	.0961060	-.007193	2.437521	.0457967	.0307039	48.46927	1.027517

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0049358	.0057830	188.3690	.1123579	.0475256	.3134840	128.1852
Stddev	.0000660	.0001053	1.9200	.0003228	.0002625	.0026066	1.1581
%RSD	1.336393	1.821235	1.019274	.2873196	.5522339	.8314764	.9034936
#1	.0048836	.0058083	186.3508	.1127020	.0474886	.3122819	126.8757
#2	.0049138	.0058733	188.5833	.1123099	.0472837	.3116954	128.6052
#3	.0050099	.0056673	190.1728	.1120617	.0478046	.3164747	129.0748

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.064130	73.64211	.1679784	.0041306	1.074711	.1340032	1.387573
Stddev	.063939	.58053	.0010272	.0010834	.025548	.0019739	.004387
%RSD	1.054383	.7883182	.6114946	26.22848	2.377170	1.472995	.3161464
#1	5.991046	73.32667	.1681787	.0029684	1.049836	.1339295	1.391937
#2	6.091602	73.28758	.1668658	.0043108	1.100882	.1320672	1.383164
#3	6.109741	74.31207	.1688906	.0051126	1.073417	.1360129	1.387618

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.568694	7.776302	-.383429	.0145014	4.154172	6.296007	.1033234
Stddev	.317166	.025319	.008936	.0009732	.008591	.068668	.0014887
%RSD	6.942166	.3255858	2.330625	6.711054	.2068029	1.090667	1.440778
#1	4.228303	7.761161	-.377285	.0150379	4.158404	6.253015	.1046907
#2	4.855914	7.762215	-.379322	.0150882	4.144286	6.259804	.1035419
#3	4.621864	7.805532	-.393681	.0133780	4.159826	6.375201	.1017375

Reviewed By:mohan
On:1/12/2025 8:52:46 PM
Inst Id :P5

Sample Name: P5203-02 Acquired: 01/09/2025 22:10:04 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHN28 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.7547083	.1489041	.0322878
Stddev	.0115161	.0018496	.0014371
%RSD	1.525900	1.242134	4.450892
#1	.7415276	.1473977	.0306313
#2	.7628224	.1483463	.0332012
#3	.7597749	.1509684	.0330309

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2361.143	21638.87	973.3027	1764.870	2219.432
Stddev	2.223	167.61	8.8816	9.814	3.740
%RSD	.0941658	.7745844	.9125169	.5560722	.1685010
#1	2361.279	21679.37	982.7587	1768.260	2217.791
#2	2363.295	21454.72	972.0128	1753.811	2223.712
#3	2358.855	21782.51	965.1367	1772.540	2216.793

Reviewed By:mohan
On:1/12/2025 8:52:46 PM
Inst Id :P5

Sample Name: P5203-03 Acquired: 01/09/2025 22:13:51 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHN29 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1150289	.0019694	3.915545	.0411553	.0239250	67.46742	1.466404
Stddev	.0038879	.0034257	.008952	.0043054	.0051201	.39683	.008754
%RSD	3.379953	173.9503	.2286243	10.46147	21.40071	.5881765	.5969738
#1	.1143924	-.001064	3.905218	.0423389	.0238682	67.03333	1.469832
#2	.1191957	.005685	3.920322	.0363819	.0290733	67.81152	1.472926
#3	.1114984	.001287	3.921095	.0447452	.0188335	67.55741	1.456455

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0060074	.0053701	461.3048	.1240810	.0658587	.3610845	142.4295
Stddev	.0002272	.0000945	2.0871	.0011563	.0004502	.0044827	.7970
%RSD	3.782444	1.760608	.4524239	.9319127	.6835382	1.241464	.5595579
#1	.0059880	.0053247	459.7228	.1253915	.0653873	.3607524	141.5941
#2	.0062437	.0054787	463.6702	.1236474	.0659047	.3657241	143.1814
#3	.0057905	.0053067	460.5213	.1232042	.0662841	.3567771	142.5130

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.002227	99.90624	.1758535	.0053863	1.458826	.1674128	1.703443
Stddev	.046360	.74752	.0004891	.0004220	.059907	.0021932	.006236
%RSD	.5793443	.7482265	.2781205	7.834022	4.106532	1.310048	.3660832
#1	7.964236	99.05311	.1753185	.0049170	1.389653	.1654001	1.708995
#2	8.053884	100.2191	.1759645	.0055073	1.492916	.1697502	1.696696
#3	7.988559	100.4465	.1762776	.0057345	1.493908	.1670880	1.704638

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.032478	8.752163	-.392480	.0135296	5.809395	18.90945	.1089478
Stddev	.004564	.026016	.007870	.0006846	.015375	.26250	.0010936
%RSD	.0906842	.2972521	2.005106	5.059718	.2646527	1.388177	1.003779
#1	5.036077	8.734248	-.386905	.0142714	5.791825	18.83841	.1084193
#2	5.034012	8.782004	-.401482	.0129223	5.820380	19.20015	.1082188
#3	5.027345	8.740238	-.389053	.0133950	5.815981	18.68978	.1102052

Reviewed By:mohan
On:1/12/2025 8:52:46 PM
Inst Id :P5

Sample Name: P5203-03 Acquired: 01/09/2025 22:13:51 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHN29 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	1.168289	.7025921	.0659430
Stddev	.014921	.0036201	.0046879
%RSD	1.277182	.5152557	7.109001
#1	1.162995	.7003997	.0622437
#2	1.185135	.7067706	.0712151
#3	1.156737	.7006059	.0643703

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2347.887	21503.26	987.3434	1763.996	2065.214
Stddev	6.383	123.41	7.5928	13.608	4.255
%RSD	.2718682	.5739004	.7690141	.7714137	.2060407
#1	2350.124	21439.79	990.4641	1757.309	2067.089
#2	2352.850	21645.49	978.6875	1779.653	2068.209
#3	2340.686	21424.51	992.8786	1755.025	2060.343

Reviewed By:mohan
On:1/12/2025 8:52:46 PM
Inst Id :P5

Sample Name: P5203-04 Acquired: 01/09/2025 22:17:37 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHN30 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1428131	-.013721	7.804827	.0648820	.0368353	66.53812	1.839654
Stddev	.0025514	.003035	.016963	.0041060	.0028748	.83551	.014550
%RSD	1.786494	22.12239	.2173348	6.328473	7.804415	1.255694	.7909011
#1	.1405074	-.016239	7.821244	.0606389	.0364267	65.57580	1.822988
#2	.1423778	-.014572	7.805870	.0688357	.0341867	67.07881	1.849828
#3	.1455541	-.010350	7.787367	.0651714	.0398925	66.95974	1.846145

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0062212	.0040219	176.7053	.1158660	.0631769	.6590876	155.9524
Stddev	.0002472	.0000893	1.5951	.0006172	.0014637	.0026172	1.6252
%RSD	3.973993	2.220700	.9027040	.5327112	2.316774	.3970990	1.042106
#1	.0061276	.0041216	174.8637	.1163944	.0648650	.6563933	154.1088
#2	.0065016	.0039947	177.5938	.1151876	.0624052	.6592491	157.1775
#3	.0060345	.0039492	177.6582	.1160159	.0622606	.6616203	156.5710

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.213278	45.04451	.1514781	.0065464	1.481921	.1926384	2.160503
Stddev	.093139	.28372	.0011880	.0014505	.010976	.0003217	.011236
%RSD	1.010921	.6298751	.7842744	22.15732	.7406678	.1670228	.5200663
#1	9.105967	44.79327	.1510585	.0048786	1.471285	.1924681	2.148108
#2	9.260759	45.35222	.1528190	.0072471	1.493208	.1924377	2.163382
#3	9.273109	44.98802	.1505568	.0075136	1.481269	.1930096	2.170020

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.752371	8.630954	-.478372	.0133925	2.592439	8.496269	.1058901
Stddev	.462721	.022504	.002101	.0008017	.008785	.041851	.0006567
%RSD	8.044002	.2607335	.4392702	5.986374	.3388760	.4925839	.6202125
#1	5.220713	8.641178	-.475997	.0140293	2.595870	8.450938	.1062362
#2	6.064192	8.646531	-.479991	.0124922	2.598991	8.533438	.1063013
#3	5.972209	8.605153	-.479128	.0136559	2.582456	8.504431	.1051326

Reviewed By:mohan
On:1/12/2025 8:52:46 PM
Inst Id :P5

Sample Name: P5203-04 Acquired: 01/09/2025 22:17:37 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHN30 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.8531459	.2531524	.0719733
Stddev	.0184125	.0034333	.0053875
%RSD	2.158186	1.356233	7.485365
#1	.8323961	.2494657	.0664545
#2	.8595077	.2562583	.0772191
#3	.8675338	.2537333	.0722462

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2541.436	23265.41	1047.742	1902.373	2252.950
Stddev	12.135	26.73	4.931	9.011	10.397
%RSD	.4774903	.1148964	.4705974	.4736514	.4614907
#1	2527.425	23238.02	1052.974	1912.523	2241.109
#2	2548.248	23266.79	1043.182	1899.284	2260.586
#3	2548.635	23291.43	1047.069	1895.314	2257.154

Reviewed By:mohan
On:1/12/2025 8:52:46 PM
Inst Id :P5

Sample Name: P5203-05 Acquired: 01/09/2025 22:21:24 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHN31 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0986658	-.004308	1.983926	.0442785	.0295077	63.01904	.8860246
Stddev	.0017153	.005336	.004559	.0068217	.0074015	.28907	.0015089
%RSD	1.738538	123.8485	.2297849	15.40630	25.08332	.4586951	.1703025
#1	.0985802	-.010206	1.978947	.0514214	.0380508	63.29665	.8849726
#2	.0969949	.000183	1.987895	.0435827	.0250279	62.71974	.8853476
#3	.1004224	-.002901	1.984937	.0378314	.0254443	63.04075	.8877534

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0052614	.0025204	250.2005	.1082160	.0736820	.2150553	143.4906
Stddev	.0000972	.0000602	.3826	.0012415	.0004246	.0010317	.8821
%RSD	1.847187	2.388340	.1529240	1.147237	.5762608	.4797619	.6147609
#1	.0053064	.0025592	250.4436	.1068627	.0735143	.2154824	144.2422
#2	.0053279	.0024510	249.7595	.1084831	.0733670	.2138785	142.5194
#3	.0051499	.0025509	250.3985	.1093022	.0741649	.2158048	143.7101

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.808854	133.3966	.1486402	.0056254	.8850326	.1576197	.5468724
Stddev	.039155	.4950	.0002772	.0002300	.0170302	.0018201	.0030009
%RSD	.5014119	.3710964	.1864611	4.088762	1.924244	1.154729	.5487351
#1	7.838412	133.7445	.1485979	.0057538	.9041211	.1594222	.5494643
#2	7.764447	132.8298	.1489361	.0057625	.8713958	.1557825	.5435848
#3	7.823702	133.6153	.1483867	.0053598	.8795809	.1576545	.5475682

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.874738	5.809135	-.440670	.0127352	1.301013	9.667530	.0363904
Stddev	.098726	.026872	.009453	.0008343	.009583	.091031	.0019782
%RSD	2.025255	.4625732	2.145187	6.551515	.7365586	.9416124	5.435996
#1	4.883401	5.778107	-.444236	.0119361	1.291808	9.717157	.0384594
#2	4.968847	5.824816	-.429953	.0136008	1.300299	9.562470	.0361942
#3	4.771966	5.824481	-.447822	.0126685	1.310933	9.722962	.0345176

Reviewed By:mohan
On:1/12/2025 8:52:46 PM
Inst Id :P5

Sample Name: P5203-05 Acquired: 01/09/2025 22:21:24 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHN31 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.8105970	.0856554	.0678756
Stddev	.0114469	.0007682	.0064258
%RSD	1.412154	.8968080	9.467028
#1	.8111181	.0852219	.0606601
#2	.8217744	.0865423	.0729810
#3	.7988984	.0852019	.0699859

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2616.256	23674.70	1089.320	1956.083	2117.275
Stddev	3.619	42.23	7.548	7.537	3.822
%RSD	.1383300	.1783796	.6929342	.3853037	.1805200
#1	2620.434	23676.59	1083.086	1947.984	2118.469
#2	2614.078	23631.56	1097.712	1957.374	2120.357
#3	2614.256	23715.95	1087.163	1962.891	2112.998

Reviewed By:mohan
On:1/12/2025 8:52:46 PM
Inst Id :P5

Sample Name: CCV142 Acquired: 01/09/2025 22:25:11 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV142 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.965687	4.614590	23.51523	4.786667	4.756741	395.2961
Stddev	.023213	.024876	.08182	.012185	.019279	1.8095
%RSD	.4674693	.5390663	.3479596	.2545547	.4053048	.4577481
#1	4.940789	4.588072	23.44749	4.773169	4.753109	396.2721
#2	4.969537	4.618290	23.49206	4.789977	4.739535	396.4081
#3	4.986734	4.637409	23.60614	4.796855	4.777577	393.2082

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.817969	.4939714	2.368185	396.6141	14.71143	2.274275
Stddev	.009875	.0017564	.007421	.5694	.06813	.007807
%RSD	.1005825	.3555714	.3133533	.1435717	.4631023	.3432556
#1	9.808439	.4946269	2.361767	396.4797	14.72380	2.268755
#2	9.817312	.4953057	2.366476	397.2387	14.77252	2.270865
#3	9.828157	.4919814	2.376311	396.1239	14.63796	2.283207

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.04293	391.8200	13.84811	385.5001	2.390560	1.196586
Stddev	.04101	.8880	.03166	2.3344	.005172	.003562
%RSD	.2726163	.2266356	.2286405	.6055386	.2163524	.2977069
#1	15.06260	391.4804	13.82651	385.1864	2.387965	1.198557
#2	15.07039	392.8277	13.88446	387.9754	2.387199	1.198727
#3	14.99579	391.1519	13.83337	383.3385	2.396515	1.192474

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	414.5424	2.437383	14.08163	150.8184	4.620125	F 4.079359
Stddev	2.1181	.001650	.06553	.8293	.016967	.007428
%RSD	.5109442	.0676876	.4653553	.5498741	.3672451	.1820962
#1	416.0869	2.439278	14.09777	149.9964	4.608809	4.082520
#2	412.1279	2.436262	14.00954	151.6548	4.611932	4.084683
#3	415.4126	2.436610	14.13758	150.8041	4.639633	4.070873

Reviewed By:mohan
On:1/12/2025 8:52:46 PM
Inst Id :P5

Sample Name: CCV142 Acquired: 01/09/2025 22:25:11 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV142 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.626430	4.726524	F 10.50895	4.767580	4.854982	4.593159
Stddev	.009607	.007867	.03026	.017056	.037305	.013229
%RSD	.2076618	.1664430	.2879252	.3577562	.7683941	.2880066
#1	4.621174	4.718417	10.52887	4.748789	4.869603	4.599940
#2	4.620598	4.727028	10.52385	4.771870	4.882762	4.601621
#3	4.637519	4.734127	10.47413	4.782082	4.812581	4.577915

Elem	Li6707
Units	ppm
Avg	4.836462
Stddev	.016521
%RSD	.3416008
#1	4.819155
#2	4.838167
#3	4.852065

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1850.382	17184.13	818.8013	1385.413	1831.720
Stddev	1.133	84.30	3.7198	6.447	1.316
%RSD	.0612371	.4905637	.4543037	.4653288	.0718315
#1	1849.075	17099.60	814.6513	1381.036	1833.235
#2	1851.073	17184.58	819.9171	1392.816	1830.873
#3	1850.999	17268.20	821.8356	1382.387	1831.050

Reviewed By:mohan
On:1/12/2025 8:52:46 PM
Inst Id :P5

Sample Name: CCB142 Acquired: 01/09/2025 22:28:57 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB142 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0026297	-.000620	.0010542	-.009080	-.002483	.0665836
Stddev	.0040270	.002615	.0013129	.003498	.004128	.1018217
%RSD	153.1368	421.5346	124.5354	38.51990	166.2390	152.9229
#1	-.001834	.001092	.0014014	-.012432	-.001662	.0810088
#2	.003733	.000677	.0021586	-.009357	-.006960	.1604235
#3	.005990	-.003630	-.000397	-.005452	.001172	-.041681

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.006268	-.000256	.0001682	.0487804	.0001818	.0001936
Stddev	.002271	.000228	.0001456	.0348970	.0012801	.0003116
%RSD	36.23280	89.31727	86.57319	71.53888	704.0313	160.9875
#1	-.006593	-.000438	.0002964	.0344357	.0001395	.0002370
#2	-.003852	.000000	.0000098	.0885637	-.001077	-.000137
#3	-.008360	-.000329	.0001985	.0233419	.001483	.000481

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000211	.0447400	.0003856	.1832656	-.000562	-.000702
Stddev	.000508	.0246098	.0029255	.0717529	.000312	.000596
%RSD	241.0673	55.00622	758.7386	39.15242	55.44936	84.94096
#1	.000373	.0272309	-.002385	.1428016	-.000203	-.000634
#2	-.000553	.0728779	.003445	.1408839	-.000716	-.000143
#3	-.000452	.0341112	.000097	.2661114	-.000767	-.001329

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0293094	.0004959	.0027352	.8608704	.0025034	.0179574
Stddev	.0260774	.0010489	.0003873	.3956152	.0029406	.0013804
%RSD	88.97281	211.5070	14.16090	45.95526	117.4645	7.686889
#1	.0391711	.0016969	.0023035	.4546101	.0058150	.0168365
#2	.0490177	-.000241	.0030524	.8830976	.0001979	.0194992
#3	-.000261	.000031	.0028497	1.244903	.0014972	.0175365

Reviewed By:mohan
On:1/12/2025 8:52:46 PM
Inst Id :P5

Sample Name: CCB142 Acquired: 01/09/2025 22:28:57 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v95) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB142 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0010822	.0011790	-.001000	.0005747	.0087809	.0005219
Stddev	.0010930	.0031521	.000955	.0014703	.0012590	.0005200
%RSD	101.0074	267.3531	95.42104	255.8484	14.33769	99.63706
#1	.0016134	.0043542	-.000422	-.000875	.0089115	.0000465
#2	.0018080	-.001949	-.002102	.002064	.0099694	.0004420
#3	-.000175	.001132	-.000477	.000535	.0074617	.0010773

Elem	Li6707
Units	ppm
Avg	F .0468521
Stddev	.0083789
%RSD	17.88367
#1	.0564595
#2	.0430376
#3	.0410592

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2223.797	20525.26	895.6404	1677.980	2612.074
Stddev	3.802	50.91	7.2315	7.851	4.026
%RSD	.1709660	.2480478	.8074069	.4678576	.1541366
#1	2225.682	20486.12	898.9576	1674.893	2607.595
#2	2226.288	20506.84	887.3455	1672.143	2615.392
#3	2219.421	20582.82	900.6182	1686.905	2613.235