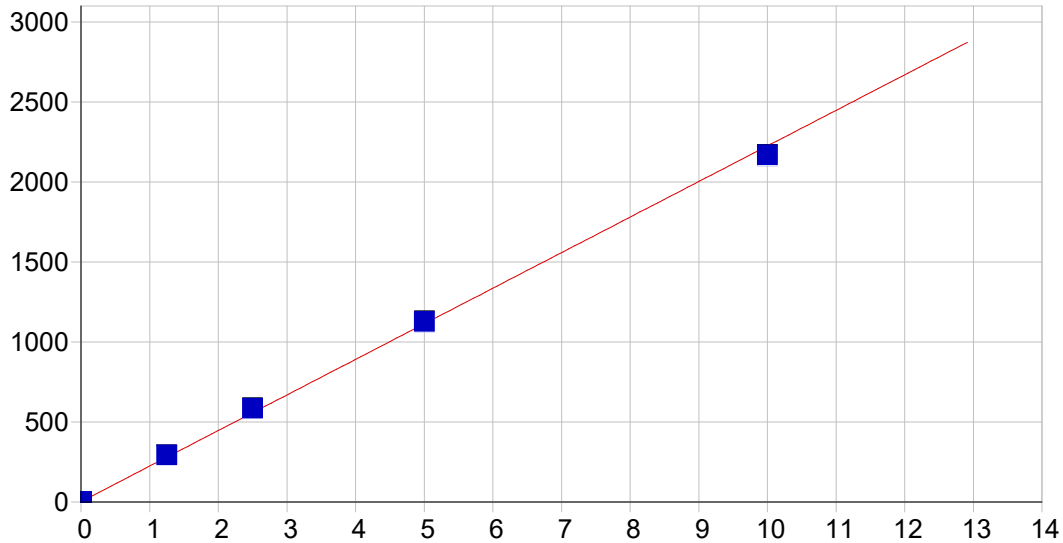
Reviewed By:Mohan
On:1/8/2025 7:28:17 AM
Inst Id :P5



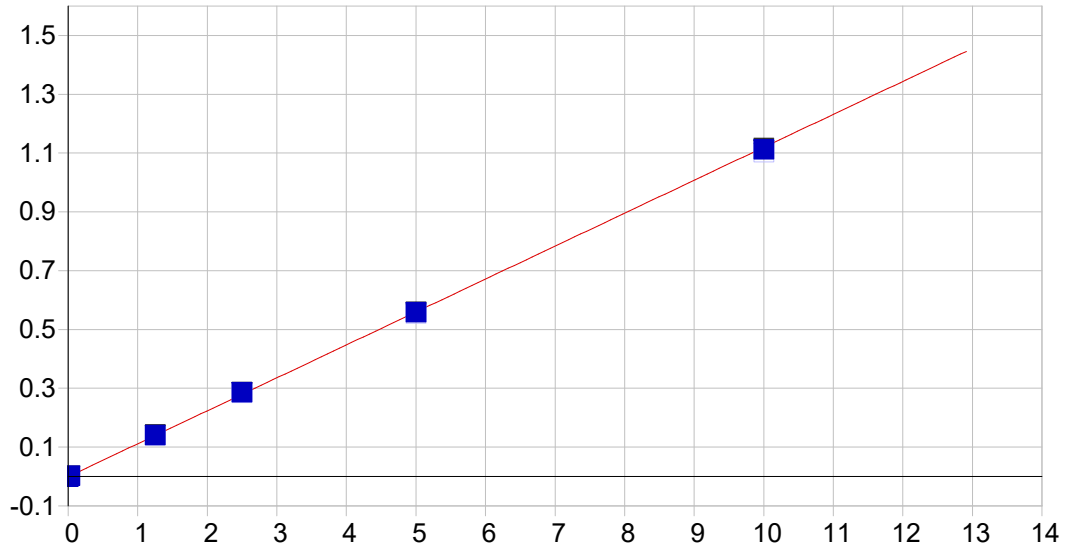
As 189.042 {478}

Date of Fit:	01/06/2025 14:35:23	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	1.851126	Re-Slope:	1.000000
A1 (Gain):	222.331718	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999548	Status:	OK.
Std Error of Est:	0.111602		
Predicted MDL:	0.004875		
Predicted MQL:	0.016251		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	1.8513	.620	1
S1	.01000	.00848	-.002	-15.2	3.7343	.535	1
S2	1.2500	1.3105	.061	4.84	292.06	.750	1
S3	2.5000	2.6290	.129	5.16	584.03	1.92	1
S4	5.0000	5.0617	.062	1.23	1122.5	4.72	1
S5	10.000	9.7503	-.250	-2.50	2160.3	3.14	1

Reviewed By:Mohan
On:1/8/2025 7:28:17 AM
Inst Id :P5



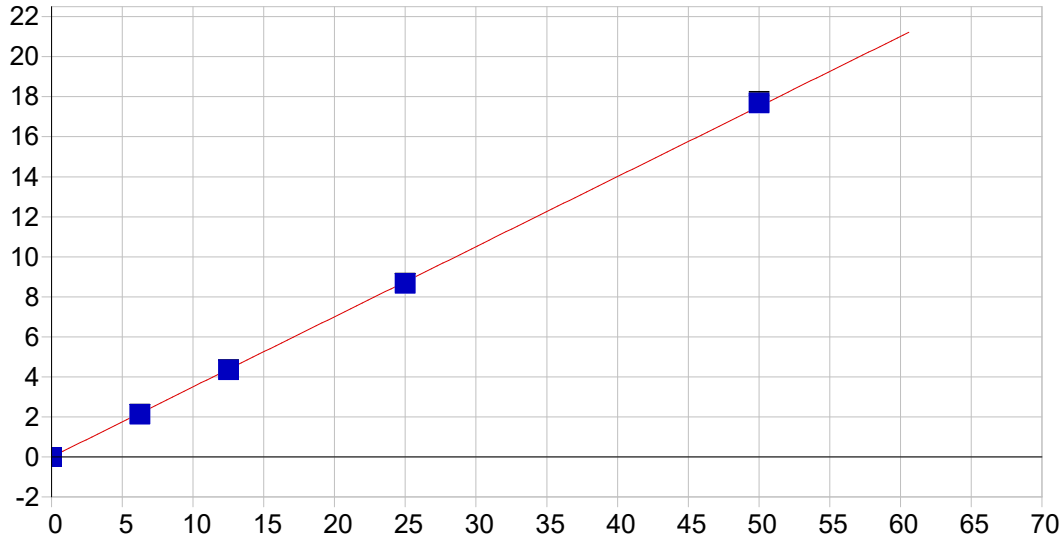
Tl 190.856 {477}

Date of Fit:	01/06/2025 14:35:23	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000618	Re-Slope:	1.000000
A1 (Gain):	0.112024	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999945	Status:	OK.
Std Error of Est:	0.000031		
Predicted MDL:	0.003253		
Predicted MQL:	0.010842		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00062	.000	1
S1	.02500	.02574	.001	2.95	.00216	.001	1
S2	1.2500	1.2615	.011	.916	.13949	.001	1
S3	2.5000	2.5606	.061	2.43	.28383	.000	1
S4	5.0000	4.9907	-.009	-.185	.55366	.001	1
S5	10.000	9.9365	-.064	-.635	1.1029	.005	1

Reviewed By:Mohan
On:1/8/2025 7:28:17 AM
Inst Id :P5



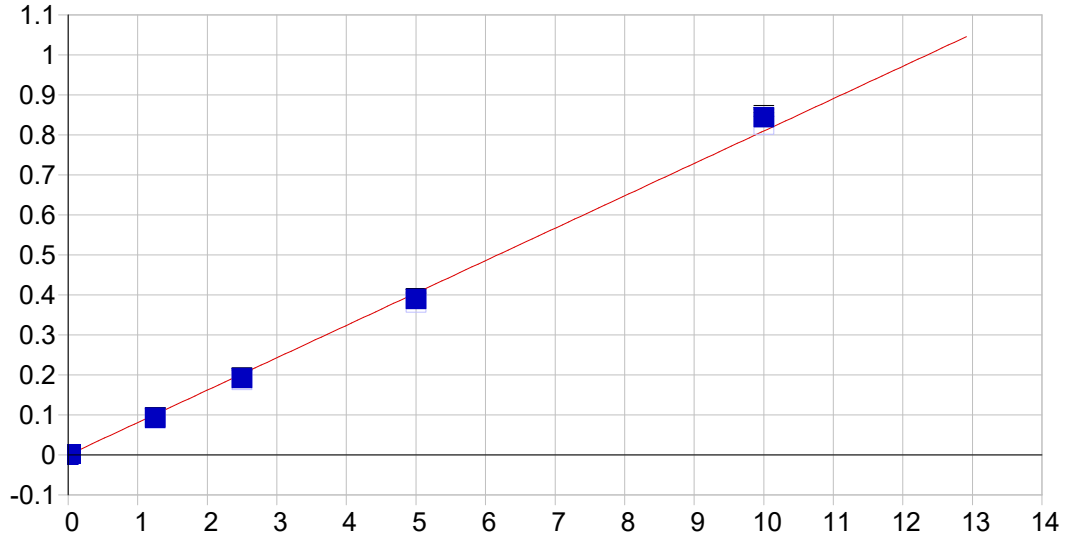
Pb 220.353 {453}

Date of Fit:	01/06/2025 14:35:23	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000953	Re-Slope:	1.000000
A1 (Gain):	0.350209	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999930	Status:	OK.
Std Error of Est:	0.000155		
Predicted MDL:	0.002852		
Predicted MQL:	0.009508		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00095	.000	1
S1	.01000	.00789	-.002	-21.1	.00179	.001	1
S2	6.2500	6.0729	-.177	-2.83	2.1216	.003	1
S3	12.500	12.413	-.087	-.696	4.3378	.008	1
S4	25.000	24.770	-.230	-.920	8.6569	.005	1
S5	50.000	50.496	.496	.993	17.650	.087	1

Reviewed By:Mohan
On:1/8/2025 7:28:17 AM
Inst Id :P5



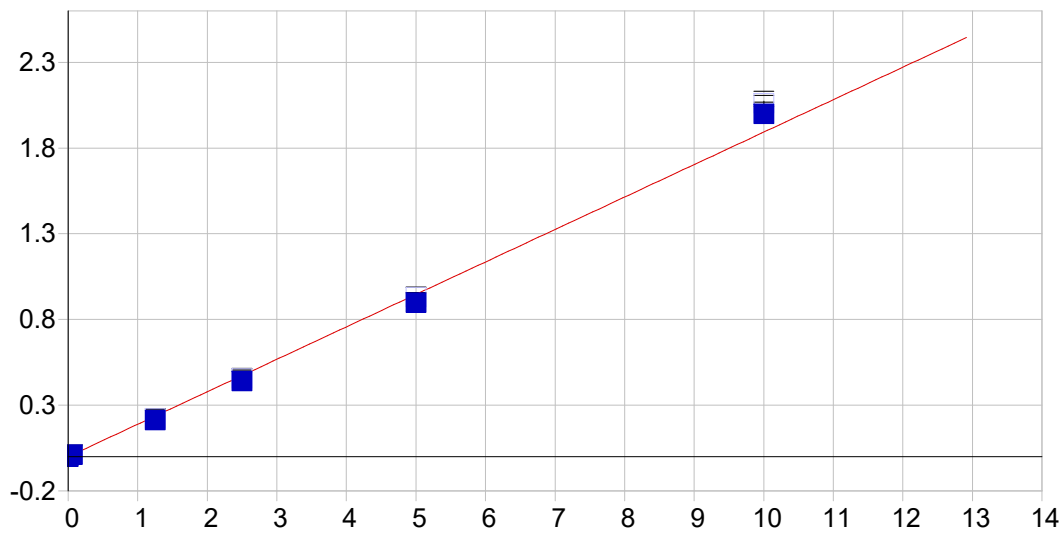
Se 196.090 {472}

Date of Fit:	01/06/2025 14:35:23	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000096	Re-Slope:	1.000000
A1 (Gain):	0.080970	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.998828	Status:	OK.
Std Error of Est:	0.000120		
Predicted MDL:	0.005903		
Predicted MQL:	0.019677		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	-.00010	.000	1
S1	.03500	.02735	-.008	-21.9	.00211	.000	1
S2	1.2500	1.1450	-.105	-8.40	.09034	.000	1
S3	2.5000	2.3725	-.127	-5.10	.18745	.001	1
S4	5.0000	4.8136	-.186	-3.73	.38055	.002	1
S5	10.000	10.427	.427	4.27	.82594	.005	1

Reviewed By:Mohan
On:1/8/2025 7:28:17 AM
Inst Id :P5



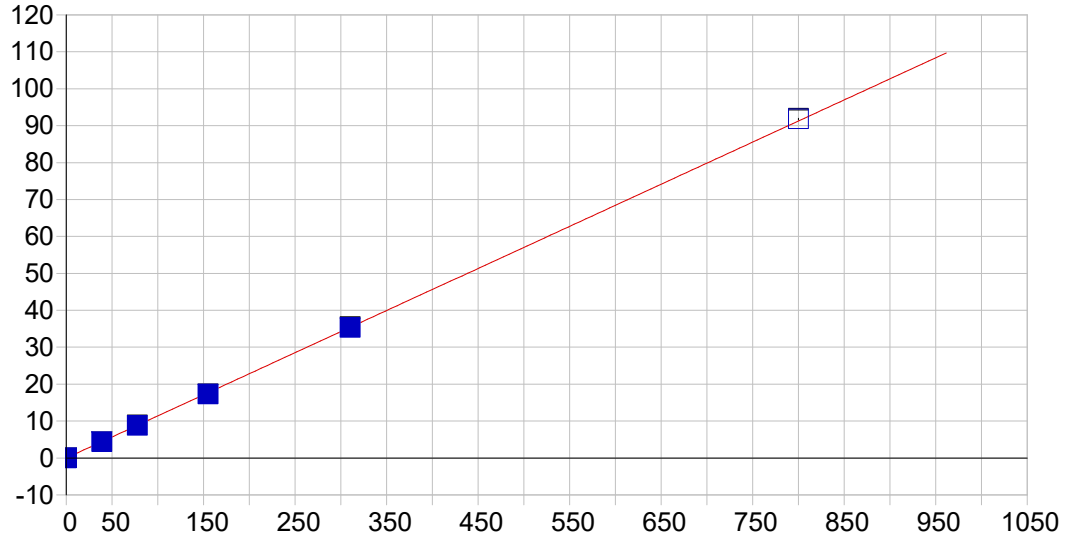
Sb 206.833 {463}

Date of Fit:	01/06/2025 14:35:23	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000234	Re-Slope:	1.000000
A1 (Gain):	0.189309	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.998303	Status:	OK.
Std Error of Est:	0.000469		
Predicted MDL:	0.003534		
Predicted MQL:	0.011779		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	-.00023	.001	1
S1	.06000	.05537	-.005	-7.72	.01025	.001	1
S2	1.2500	1.1282	-.122	-9.74	.22126	.001	1
S3	2.5000	2.3231	-.177	-7.07	.45538	.002	1
S4	5.0000	4.7475	-.252	-5.05	.93015	.002	1
S5	10.000	10.556	.556	5.56	2.0613	.012	1

Reviewed By:Mohan
On:1/8/2025 7:28:17 AM
Inst Id :P5



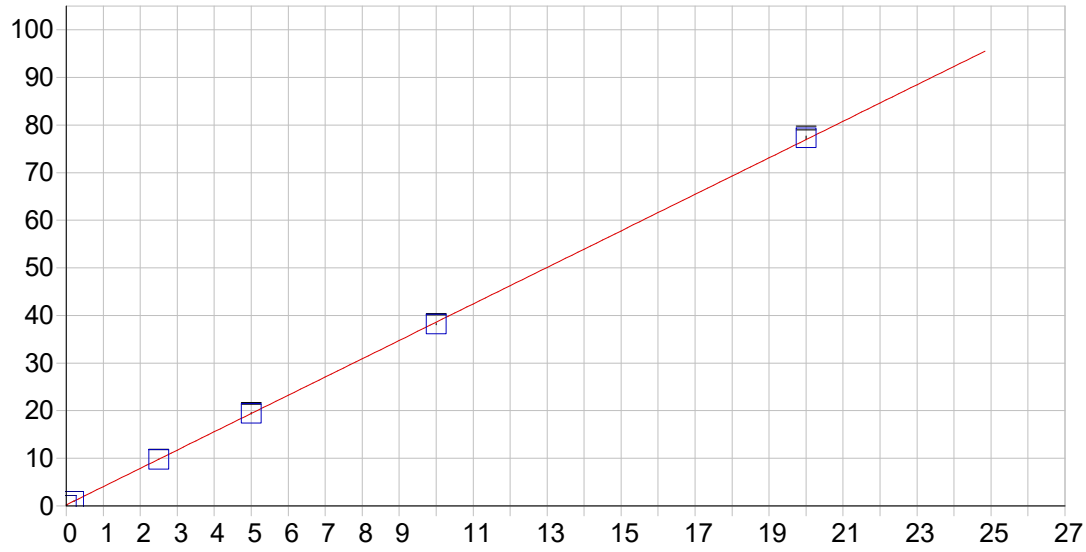
Al 396.152 { 85}

Date of Fit:	01/06/2025 14:35:23	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.004796	Re-Slope:	1.000000
A1 (Gain):	0.114085	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999955	Status:	OK.
Std Error of Est:	0.000670		
Predicted MDL:	0.035560		
Predicted MQL:	0.118532		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00004	-.000	.000	-.00480	.004	1
S1	.20000	.24918	.049	24.6	.02367	.004	1
S2	38.750	38.440	-.310	-.801	4.3854	.016	1
S3	77.500	77.081	-.419	-.540	8.7986	.067	1
S4	155.00	151.50	-3.50	-2.26	17.299	.030	1
S5	310.00	309.55	-.452	-.146	35.348	.161	1
S6	800.00	804.63	4.63	.579	91.792	.238	1

Reviewed By:Mohan
On:1/8/2025 7:28:17 AM
Inst Id :P5



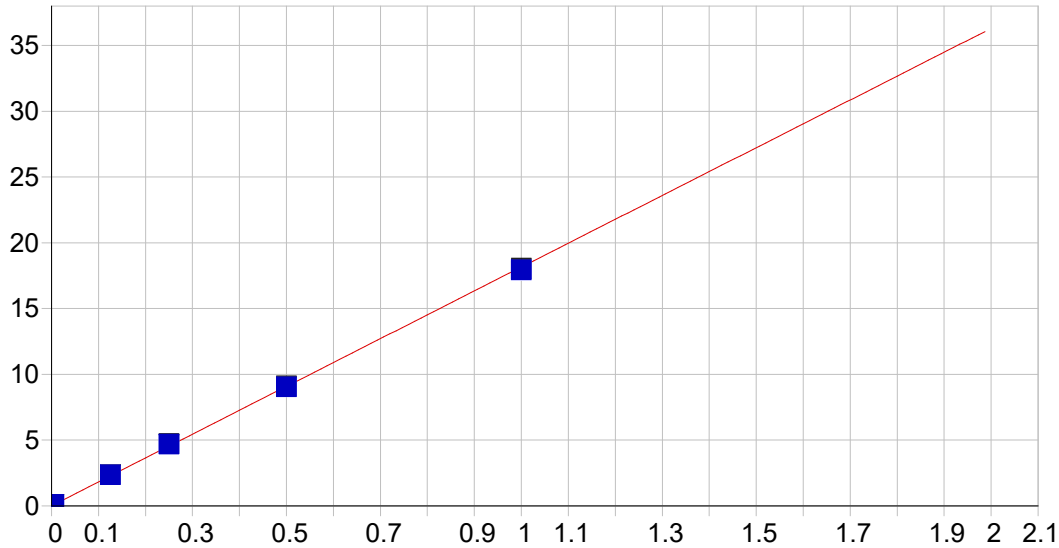
Ba 493.409 { 68}

Date of Fit:	01/06/2025 14:35:23	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.218192	Re-Slope:	1.000000
A1 (Gain):	3.837131	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999977	Status:	OK.
Std Error of Est:	0.002757		
Predicted MDL:	0.002612		
Predicted MQL:	0.008707		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.21817	.003	1
S1	.20000	.20595	.006	2.97	1.0084	.009	1
S2	2.5000	2.4918	-.008	-.326	9.7797	.012	1
S3	5.0000	5.0103	.010	.206	19.443	.155	1
S4	10.000	9.8974	-.103	-1.03	38.196	.148	1
S5	20.000	20.094	.094	.472	77.323	.393	1

Reviewed By:Mohan
On:1/8/2025 7:28:17 AM
Inst Id :P5



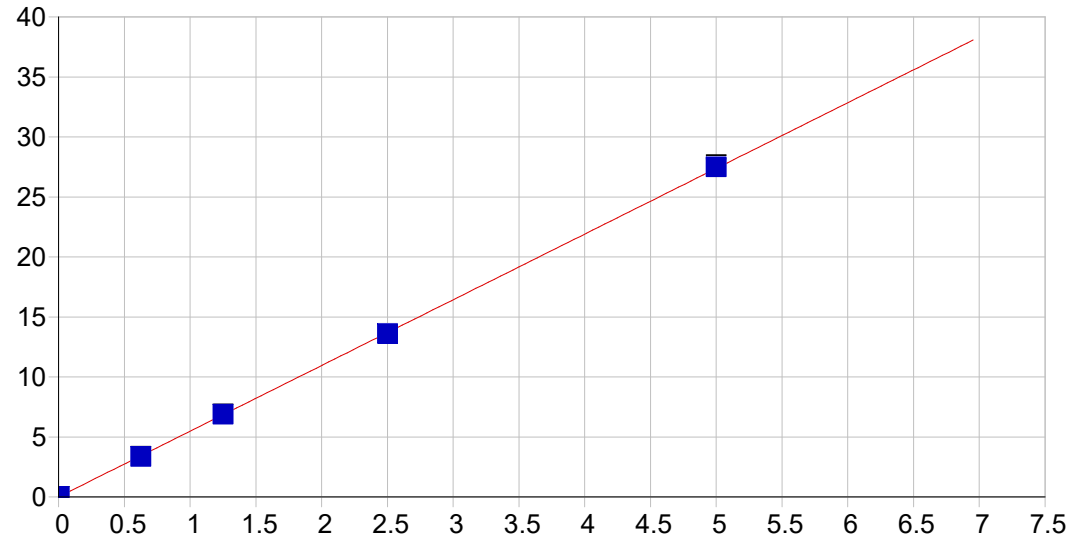
Be 234.861 {144}

Date of Fit:	01/06/2025 14:35:23	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.012886	Re-Slope:	1.000000
A1 (Gain):	18.145216	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999855	Status:	OK.
Std Error of Est:	0.001154		
Predicted MDL:	0.000142		
Predicted MQL:	0.000473		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.01288	.002	1
S1	.00500	.00523	.000	4.69	.10778	.004	1
S2	.12500	.12941	.004	3.53	2.3507	.013	1
S3	.25000	.25784	.008	3.14	4.6707	.034	1
S4	.50000	.49861	-.001	-.277	9.0187	.053	1
S5	1.0000	.98890	-.011	-1.11	17.873	.131	1

Reviewed By:Mohan
On:1/8/2025 7:28:17 AM
Inst Id :P5



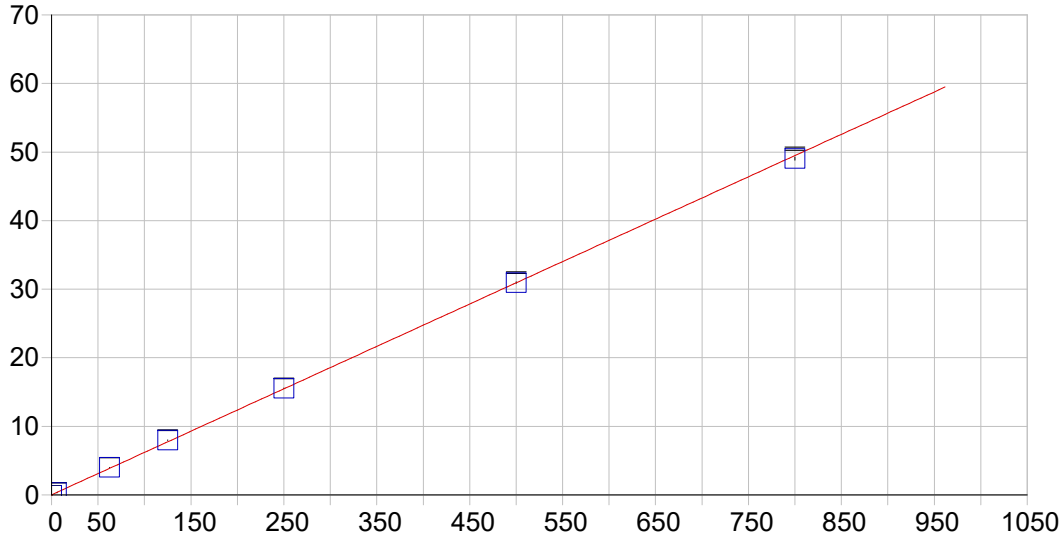
Cd 214.438 {457}

Date of Fit:	01/06/2025 14:35:23	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000814	Re-Slope:	1.000000
A1 (Gain):	5.475137	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999976	Status:	OK.
Std Error of Est:	0.000315		
Predicted MDL:	0.000099		
Predicted MQL:	0.000331		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00082	.001	1
S1	.00500	.00470	-.000	-6.04	.02664	.000	1
S2	.62500	.61402	-.011	-1.76	3.3679	.010	1
S3	1.2500	1.2574	.007	.588	6.8955	.017	1
S4	2.5000	2.4837	-.016	-.652	13.620	.008	1
S5	5.0000	5.0202	.020	.405	27.529	.150	1

Reviewed By:Mohan
On:1/8/2025 7:28:17 AM
Inst Id :P5



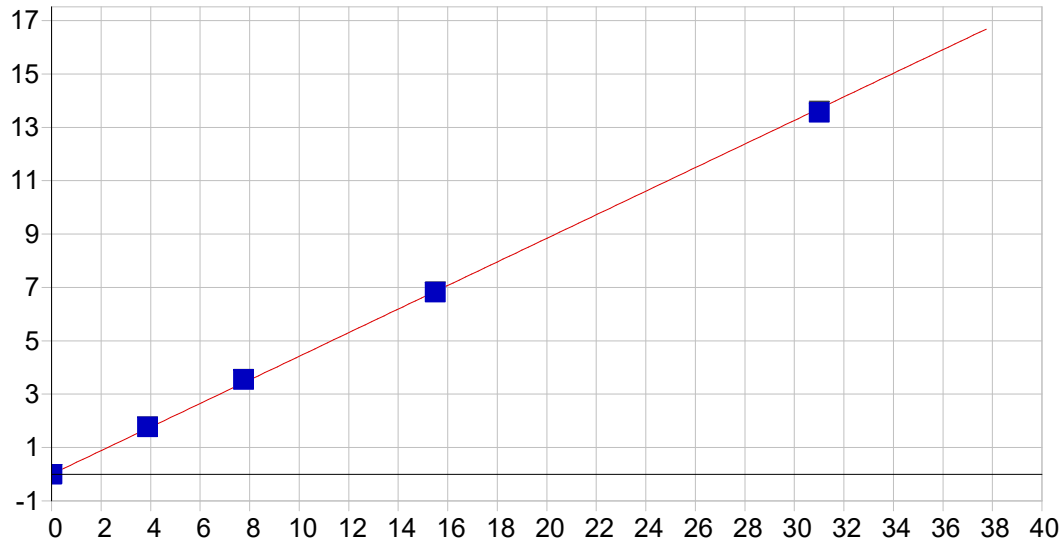
Ca 373.690 { 90}

Date of Fit:	01/06/2025 14:35:23	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.014721	Re-Slope:	1.000000
A1 (Gain):	0.061842	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999925	Status:	OK.
Std Error of Est:	0.002646		
Predicted MDL:	0.045912		
Predicted MQL:	0.153041		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00048	-.000	.000	.01469	.003	1
S1	5.0000	5.2033	.203	4.07	.33650	.005	1
S2	62.500	64.292	1.79	2.87	3.9907	.019	1
S3	125.00	129.09	4.09	3.27	7.9981	.050	1
S4	250.00	250.83	.831	.332	15.527	.053	1
S5	500.00	500.31	.305	.061	30.955	.105	1
S6	800.00	792.78	-7.22	-.903	49.042	.235	1

Reviewed By:Mohan
On:1/8/2025 7:28:17 AM
Inst Id :P5



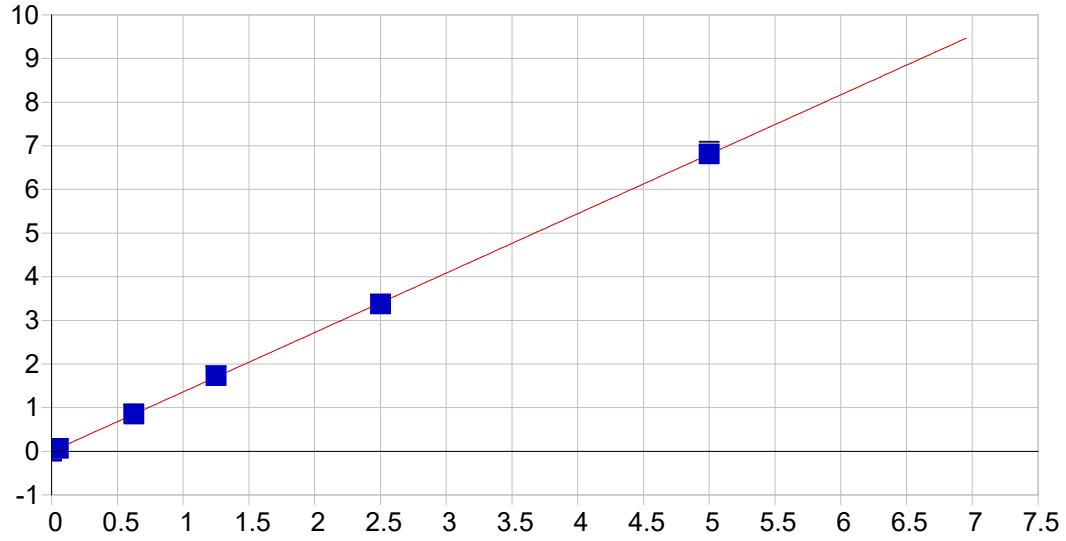
Cr 267.716 {126}

Date of Fit:	01/06/2025 14:35:23	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000065	Re-Slope:	1.000000
A1 (Gain):	0.441967	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999855	Status:	OK.
Std Error of Est:	0.000222		
Predicted MDL:	0.000940		
Predicted MQL:	0.003132		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00006	.000	1
S1	.01000	.01007	.000	.680	.00452	.000	1
S2	3.8750	4.0000	.125	3.22	1.7692	.007	1
S3	7.7500	8.0159	.266	3.43	3.5455	.008	1
S4	15.500	15.438	-.062	-.398	6.8286	.004	1
S5	31.000	30.671	-.329	-1.06	13.566	.041	1

Reviewed By:Mohan
On:1/8/2025 7:28:17 AM
Inst Id :P5



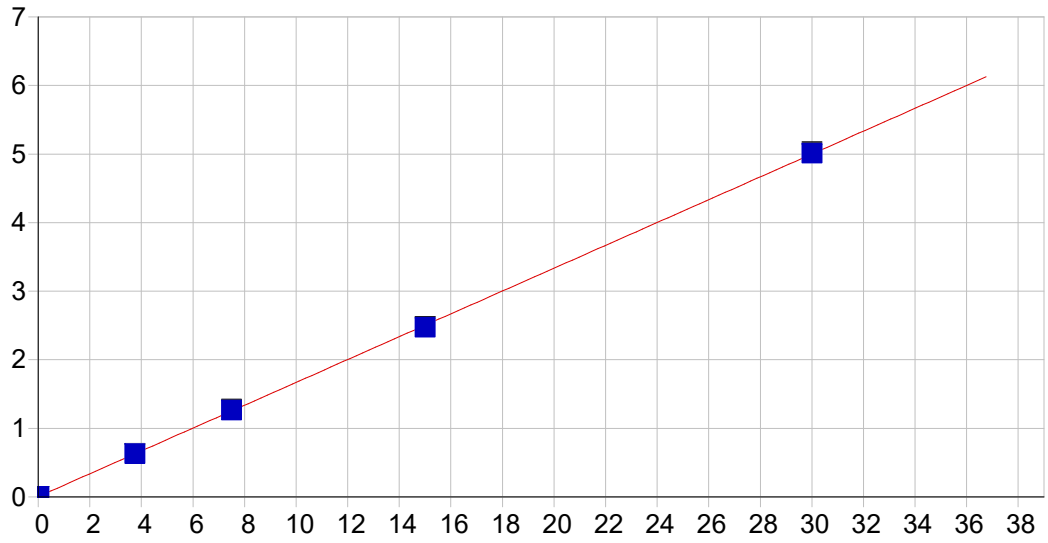
Co 228.616 {448}

Date of Fit:	01/06/2025 14:35:23	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.001530	Re-Slope:	1.000000
A1 (Gain):	1.361686	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999976	Status:	OK.
Std Error of Est:	0.000249		
Predicted MDL:	0.000429		
Predicted MQL:	0.001430		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00153	.000	1
S1	.05000	.05008	.000	.164	.06689	.000	1
S2	.62500	.62471	-.000	-.046	.85188	.003	1
S3	1.2500	1.2677	.018	1.41	1.7301	.004	1
S4	2.5000	2.4781	-.022	-.878	3.3838	.004	1
S5	5.0000	5.0045	.004	.090	6.8349	.038	1

Reviewed By:Mohan
On:1/8/2025 7:28:17 AM
Inst Id :P5



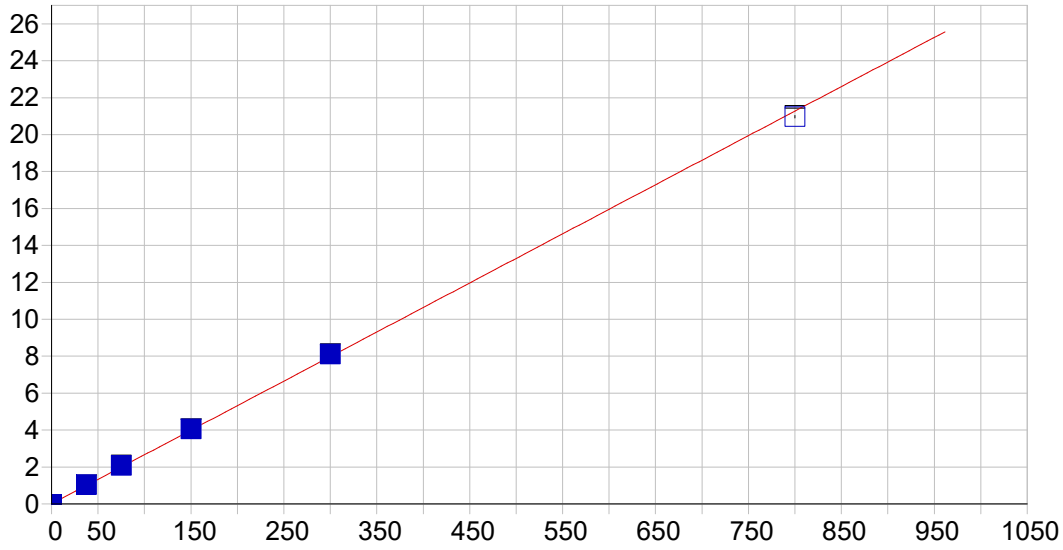
Cu 324.754 {104}

Date of Fit:	01/06/2025 14:35:23	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.004595	Re-Slope:	1.000000
A1 (Gain):	0.166534	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999973	Status:	OK.
Std Error of Est:	0.000057		
Predicted MDL:	0.010971		
Predicted MQL:	0.036570		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00460	.001	1
S1	.02500	.02248	-.003	-10.1	.00833	.002	1
S2	3.7500	3.7600	.010	.268	.63070	.003	1
S3	7.5000	7.5757	.076	1.01	1.2661	.014	1
S4	15.000	14.835	-.165	-1.10	2.4748	.010	1
S5	30.000	30.082	.082	.274	5.0137	.016	1

Reviewed By:Mohan
On:1/8/2025 7:28:17 AM
Inst Id :P5



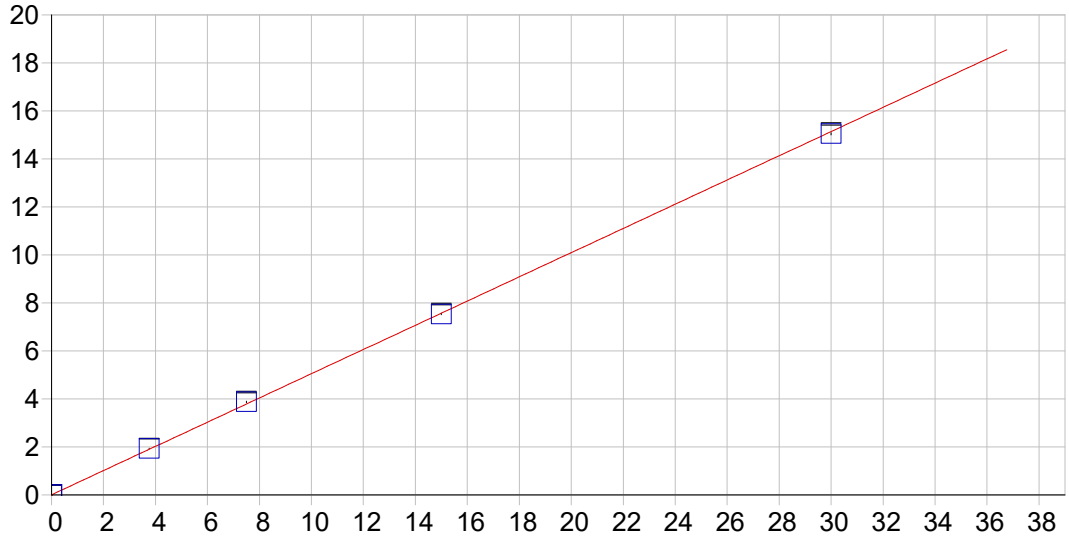
Fe 259.837 {130}

Date of Fit:	01/06/2025 14:35:23	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.001425	Re-Slope:	1.000000
A1 (Gain):	0.026589	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999828	Status:	OK.
Std Error of Est:	0.000215		
Predicted MDL:	0.039114		
Predicted MQL:	0.130379		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00003	-.000	.000	.00142	.001	1
S1	.10000	.12246	.022	22.5	.00468	.001	1
S2	37.500	38.865	1.36	3.64	1.0350	.002	1
S3	75.000	78.101	3.10	4.14	2.0785	.022	1
S4	150.00	152.50	2.50	1.67	4.0573	.014	1
S5	300.00	304.70	4.70	1.57	8.1049	.030	1
S6	800.00	788.31	-11.7	-1.46	20.962	.068	1

Reviewed By:Mohan
On:1/8/2025 7:28:17 AM
Inst Id :P5



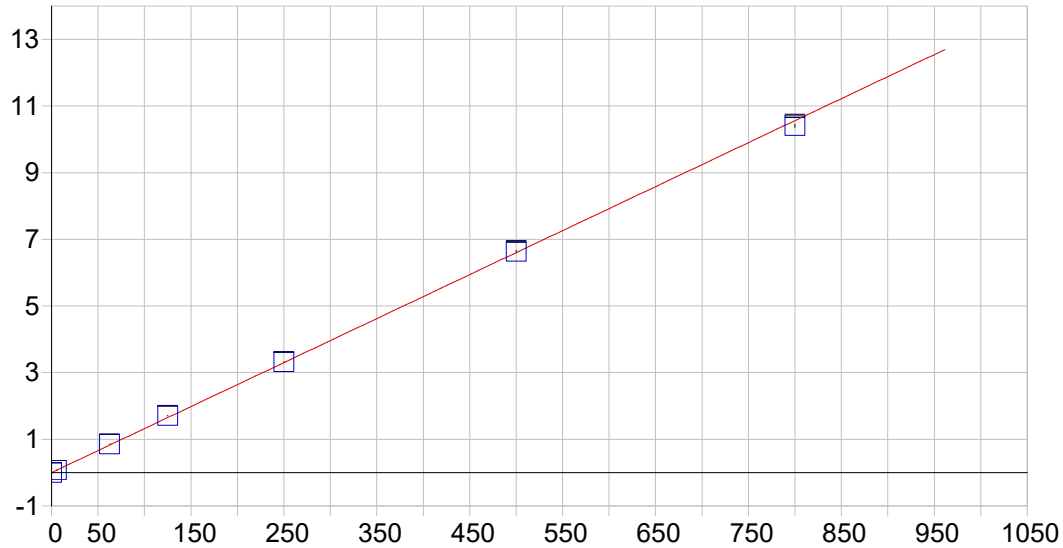
Mn 257.610 {131}

Date of Fit:	01/06/2025 14:35:23	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.003500	Re-Slope:	1.000000
A1 (Gain):	0.504537	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999929	Status:	OK.
Std Error of Est:	0.000214		
Predicted MDL:	0.002119		
Predicted MQL:	0.007065		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00350	.000	1
S1	.01500	.01948	.004	29.9	.01333	.002	1
S2	3.7500	3.8223	.072	1.93	1.9320	.012	1
S3	7.5000	7.6712	.171	2.28	3.8739	.032	1
S4	15.000	14.931	-.069	-.463	7.5365	.031	1
S5	30.000	29.822	-.178	-.595	15.050	.047	1

Reviewed By:Mohan
On:1/8/2025 7:28:17 AM
Inst Id :P5



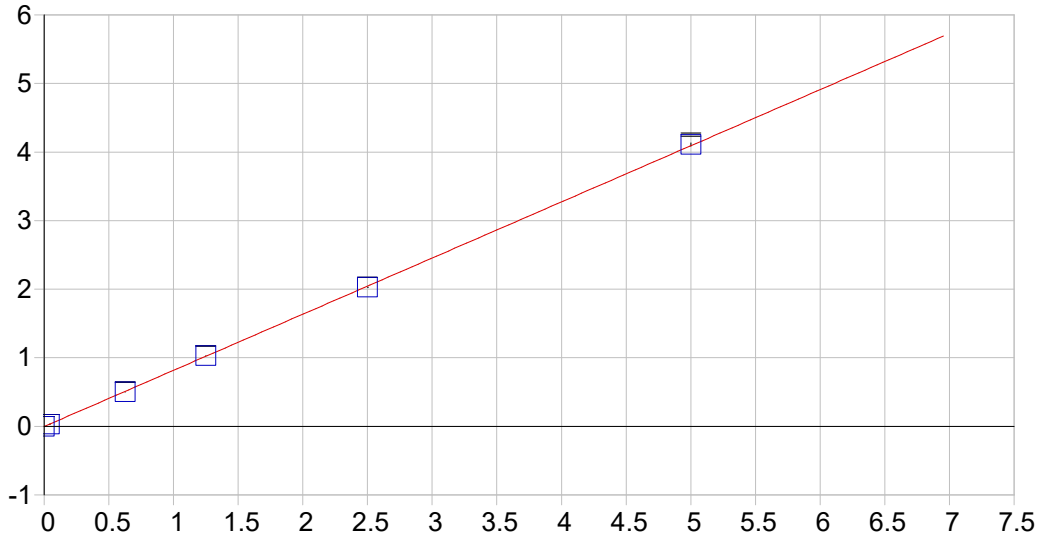
Mg 279.079 {121}

Date of Fit:	01/06/2025 14:35:23	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000724	Re-Slope:	1.000000
A1 (Gain):	0.013204	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999868	Status:	OK.
Std Error of Est:	0.000749		
Predicted MDL:	0.100679		
Predicted MQL:	0.335597		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00080	-.001	.000	-.00073	.001	1
S1	5.0000	5.4603	.460	9.21	.07137	.000	1
S2	62.500	64.674	2.17	3.48	.85321	.004	1
S3	125.00	129.30	4.30	3.44	1.7066	.012	1
S4	250.00	251.74	1.74	.694	3.3231	.011	1
S5	500.00	502.84	2.84	.568	6.6386	.027	1
S6	800.00	788.49	-11.5	-1.44	10.410	.051	1

Reviewed By:Mohan
On:1/8/2025 7:28:17 AM
Inst Id :P5



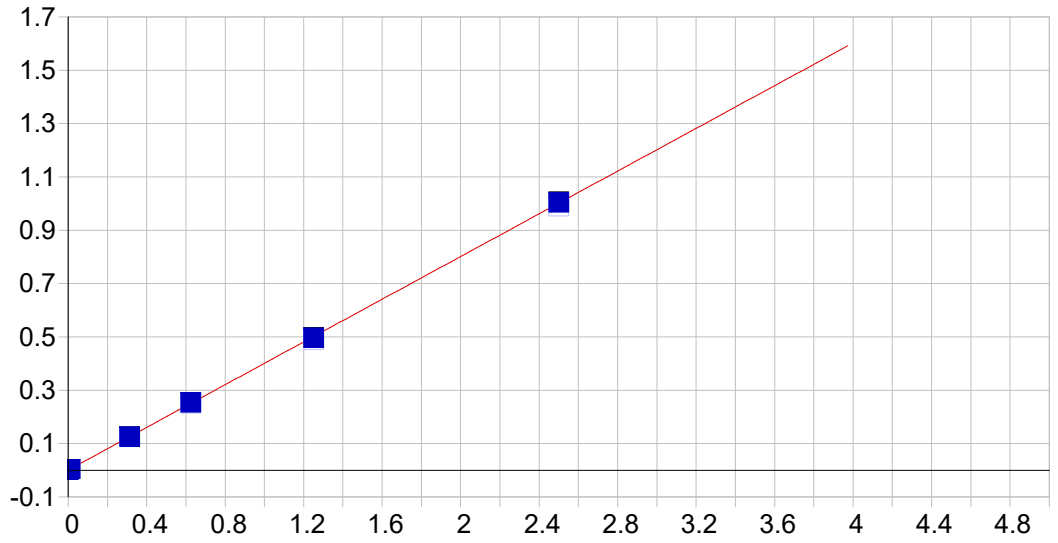
Ni 231.604 {446}

Date of Fit:	01/06/2025 14:35:23	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.002232	Re-Slope:	1.000000
A1 (Gain):	0.818781	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999972	Status:	OK.
Std Error of Est:	0.000144		
Predicted MDL:	0.000903		
Predicted MQL:	0.003011		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00223	.000	1
S1	.04000	.03949	-.001	-1.28	.03010	.001	1
S2	.62500	.61392	-.011	-1.77	.50043	.001	1
S3	1.2500	1.2583	.008	.665	1.0281	.002	1
S4	2.5000	2.4803	-.020	-.789	2.0286	.001	1
S5	5.0000	5.0230	.023	.460	4.1105	.024	1

Reviewed By:Mohan
On:1/8/2025 7:28:17 AM
Inst Id :P5



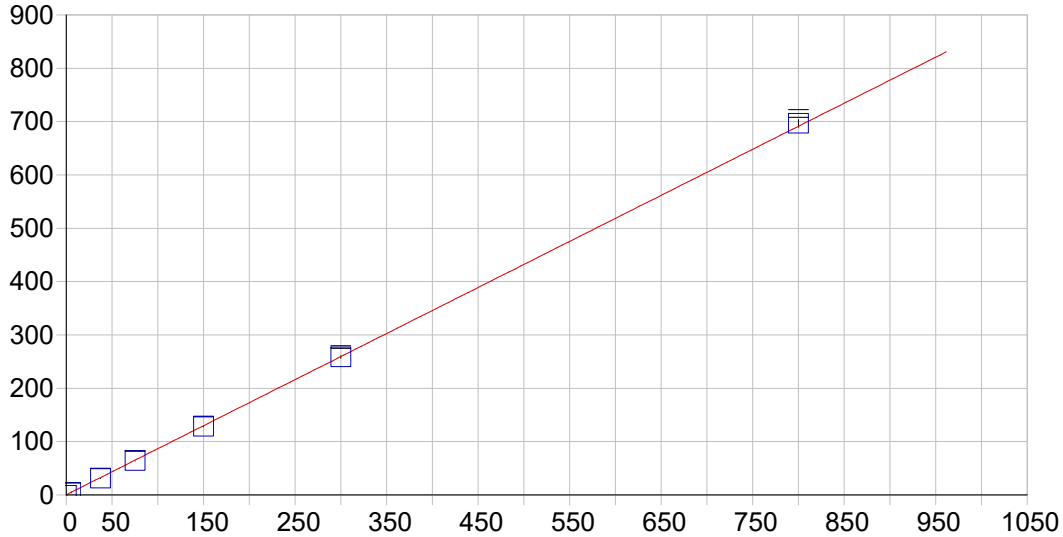
Ag 328.068 {103}

Date of Fit:	01/06/2025 14:35:23	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000672	Re-Slope:	1.000000
A1 (Gain):	0.400369	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999965	Status:	OK.
Std Error of Est:	0.000028		
Predicted MDL:	0.001763		
Predicted MQL:	0.005877		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00067	.001	1
S1	.01000	.00902	-.001	-9.82	.00428	.000	1
S2	.31250	.31239	-.000	-.036	.12394	.000	1
S3	.62500	.63234	.007	1.17	.25024	.000	1
S4	1.2500	1.2378	-.012	-.976	.48904	.001	1
S5	2.5000	2.5060	.006	.239	.98957	.003	1

Reviewed By:Mohan
On:1/8/2025 7:28:17 AM
Inst Id :P5



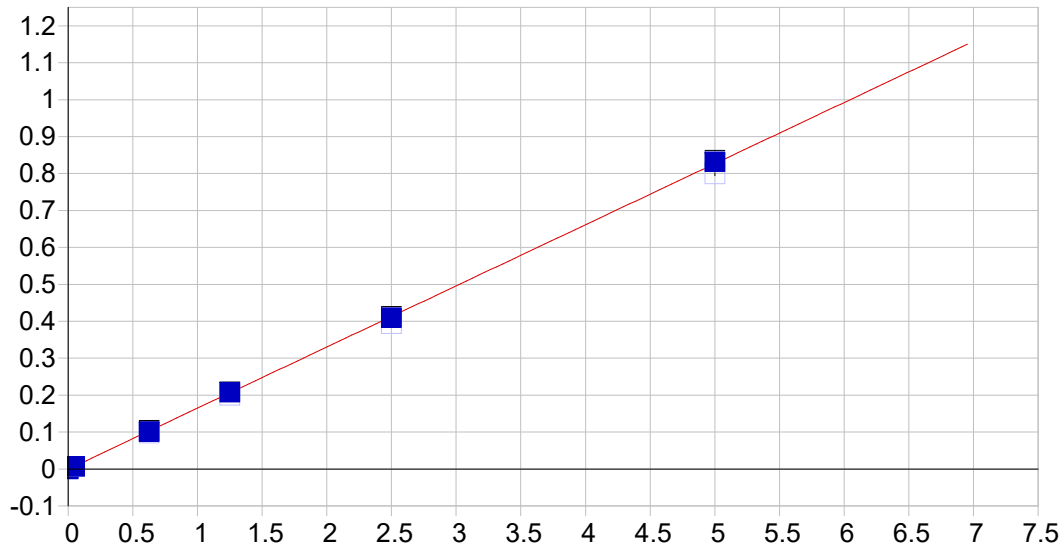
Na 818.326 { 41}

Date of Fit:	01/06/2025 14:35:23	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.268402	Re-Slope:	1.000000
A1 (Gain):	0.863736	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999921	Status:	OK.
Std Error of Est:	0.033624		
Predicted MDL:	0.019842		
Predicted MQL:	0.066140		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00077	.001	.000	.26907	.017	1
S1	5.0000	4.5959	-.404	-8.08	4.2380	.023	1
S2	37.500	35.579	-1.92	-5.12	30.999	.191	1
S3	75.000	73.759	-1.24	-1.65	63.977	.307	1
S4	150.00	148.52	-1.48	-.984	128.55	.592	1
S5	300.00	298.93	-1.07	-.357	258.46	2.32	1
S6	800.00	806.11	6.11	.764	696.54	7.27	1

Reviewed By:Mohan
On:1/8/2025 7:28:17 AM
Inst Id :P5



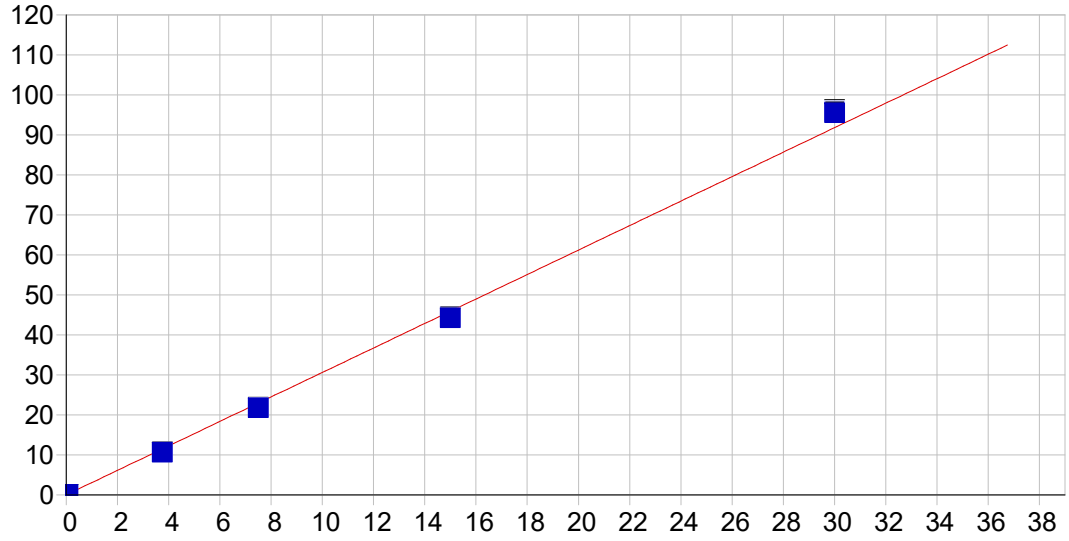
V 292.402 {115}

Date of Fit:	01/06/2025 14:35:23	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000693	Re-Slope:	1.000000
A1 (Gain):	0.165494	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999936	Status:	OK.
Std Error of Est:	0.000048		
Predicted MDL:	0.010513		
Predicted MQL:	0.035044		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	-.00069	.001	1
S1	.05000	.04454	-.005	-10.9	.00665	.002	1
S2	.62500	.61611	-.009	-1.42	.09713	.003	1
S3	1.2500	1.2565	.007	.521	.19896	.001	1
S4	2.5000	2.4787	-.021	-.850	.39294	.004	1
S5	5.0000	5.0293	.029	.586	.79847	.004	1

Reviewed By:Mohan
On:1/8/2025 7:28:17 AM
Inst Id :P5



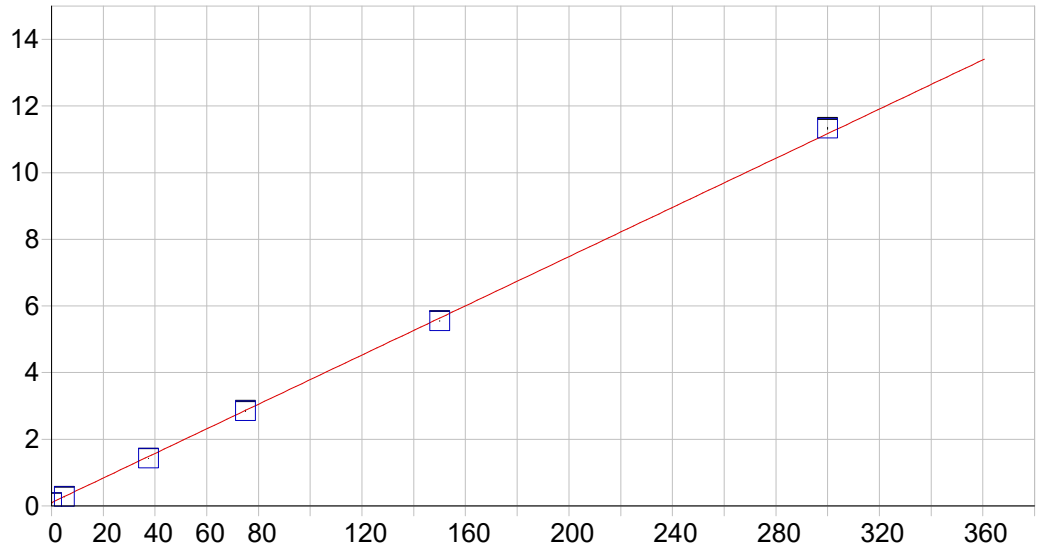
Zn 213.856 {158}

Date of Fit:	01/06/2025 14:35:23	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.019204	Re-Slope:	1.000000
A1 (Gain):	3.059473	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999015	Status:	OK.
Std Error of Est:	0.009714		
Predicted MDL:	0.000635		
Predicted MQL:	0.002118		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.01924	.002	1
S1	.06000	.05420	-.006	-9.67	.18560	.002	1
S2	3.7500	3.4746	-.275	-7.34	10.706	.051	1
S3	7.5000	7.1002	-.400	-5.33	21.854	.068	1
S4	15.000	14.454	-.546	-3.64	44.466	.070	1
S5	30.000	31.227	1.23	4.09	96.006	.313	1

Reviewed By:Mohan
On:1/8/2025 7:28:17 AM
Inst Id :P5



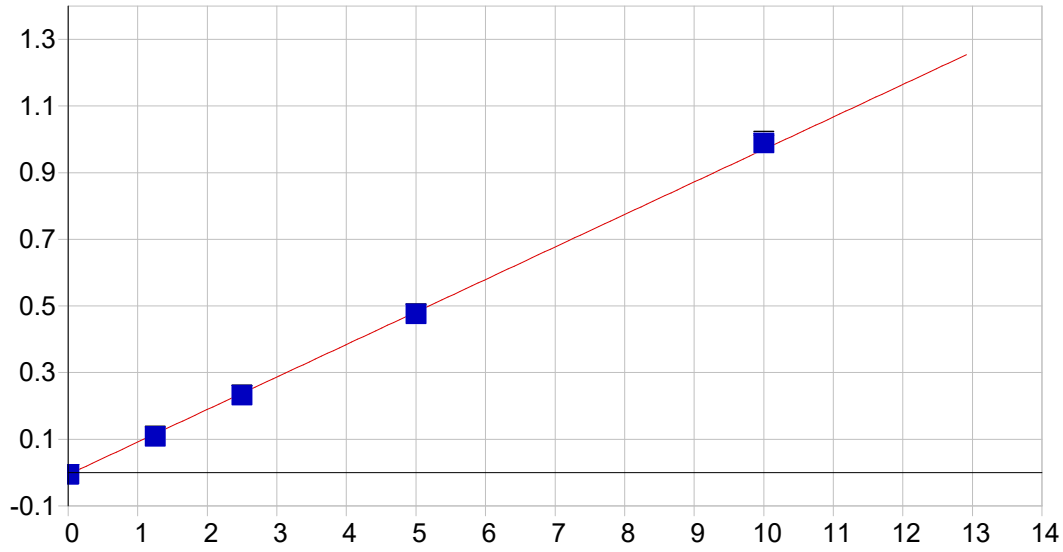
K 769.896 { 44}

Date of Fit:	01/06/2025 14:35:23	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.099250	Re-Slope:	1.000000
A1 (Gain):	0.036904	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999854	Status:	OK.
Std Error of Est:	0.001301		
Predicted MDL:	0.195869		
Predicted MQL:	0.652897		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00039	.000	.000	.09926	.012	1
S1	5.0000	4.8503	-.150	-2.99	.27825	.007	1
S2	37.500	35.971	-1.53	-4.08	1.4267	.002	1
S3	75.000	74.490	-.510	-.679	2.8482	.020	1
S4	150.00	147.82	-2.18	-1.46	5.5542	.010	1
S5	300.00	304.37	4.37	1.46	11.332	.029	1

Reviewed By:Mohan
On:1/8/2025 7:28:17 AM
Inst Id :P5



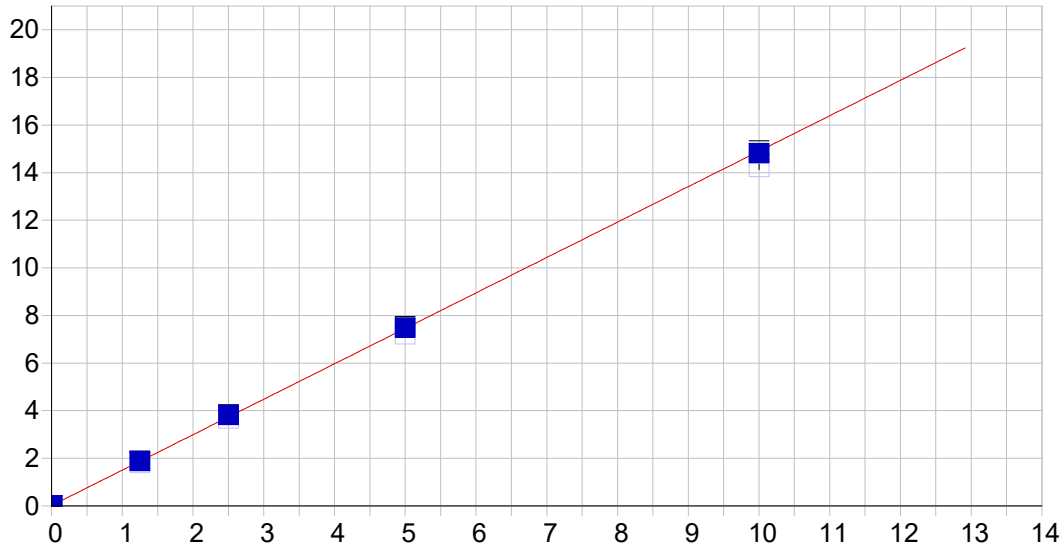
P 177.495 {490}

Date of Fit:	01/06/2025 14:35:23	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.005831	Re-Slope:	1.000000
A1 (Gain):	0.097542	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999689	Status:	OK.
Std Error of Est:	0.000041		
Predicted MDL:	0.003013		
Predicted MQL:	0.010045		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00583	.000	1
S1	.01000	.00985	-.000	-1.54	-.00487	.000	1
S2	1.2500	1.1679	-.082	-6.57	.10791	.001	1
S3	2.5000	2.4395	-.060	-2.42	.23177	.000	1
S4	5.0000	4.9407	-.059	-1.19	.47538	.000	1
S5	10.000	10.202	.202	2.02	.98788	.006	1

Reviewed By:Mohan
On:1/8/2025 7:28:17 AM
Inst Id :P5



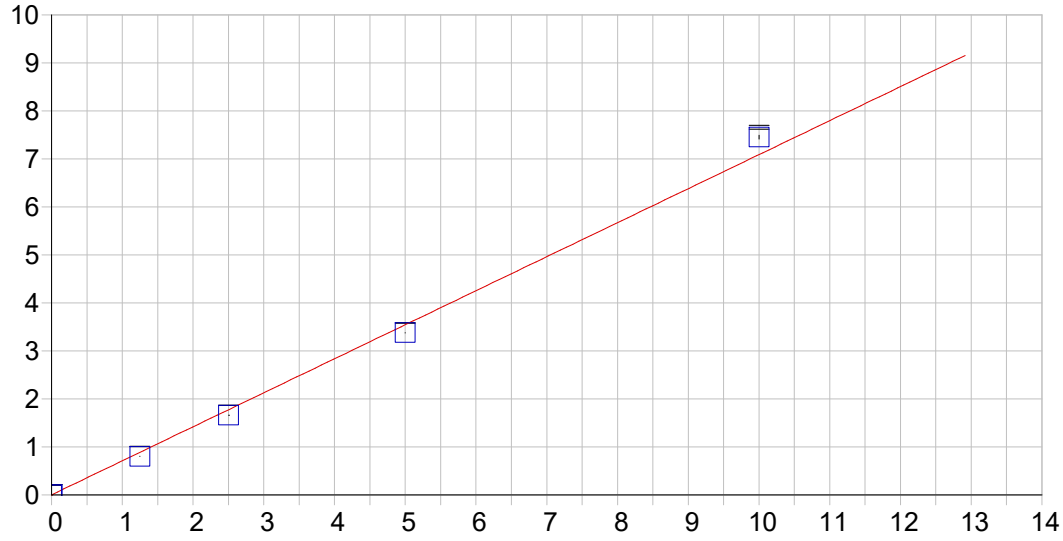
B 249.678 {135}

Date of Fit:	01/06/2025 14:35:23	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.014203	Re-Slope:	1.000000
A1 (Gain):	1.488924	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999527	Status:	OK.
Std Error of Est:	0.000739		
Predicted MDL:	0.002119		
Predicted MQL:	0.007062		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.01422	.002	1
S1	.01000	-.00218	-.012	-122.	.01087	.002	1
S2	1.2500	1.2505	.000	.036	1.8053	.007	1
S3	2.5000	2.5521	.052	2.08	3.6725	.018	1
S4	5.0000	5.0231	.023	.462	7.2102	.052	1
S5	10.000	9.9370	-.063	-.630	14.243	.120	1

Reviewed By:Mohan
On:1/8/2025 7:28:17 AM
Inst Id :P5



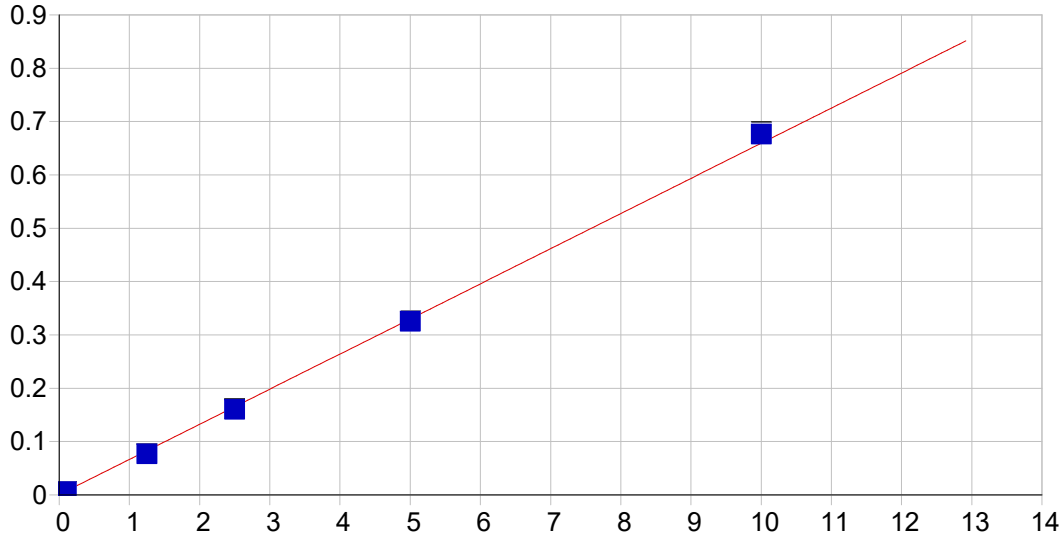
Mo 202.030 {467}

Date of Fit:	01/06/2025 14:35:23	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.001592	Re-Slope:	1.000000
A1 (Gain):	0.708702	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.998432	Status:	OK.
Std Error of Est:	0.000666		
Predicted MDL:	0.000758		
Predicted MQL:	0.002526		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00159	.001	1
S1	.01000	.00980	-.000	-2.04	.00853	.000	1
S2	1.2500	1.1307	-.119	-9.54	.80294	.003	1
S3	2.5000	2.3405	-.160	-6.38	1.6603	.002	1
S4	5.0000	4.7653	-.235	-4.69	3.3788	.003	1
S5	10.000	10.514	.514	5.14	7.4526	.040	1

Reviewed By:Mohan
On:1/8/2025 7:28:17 AM
Inst Id :P5



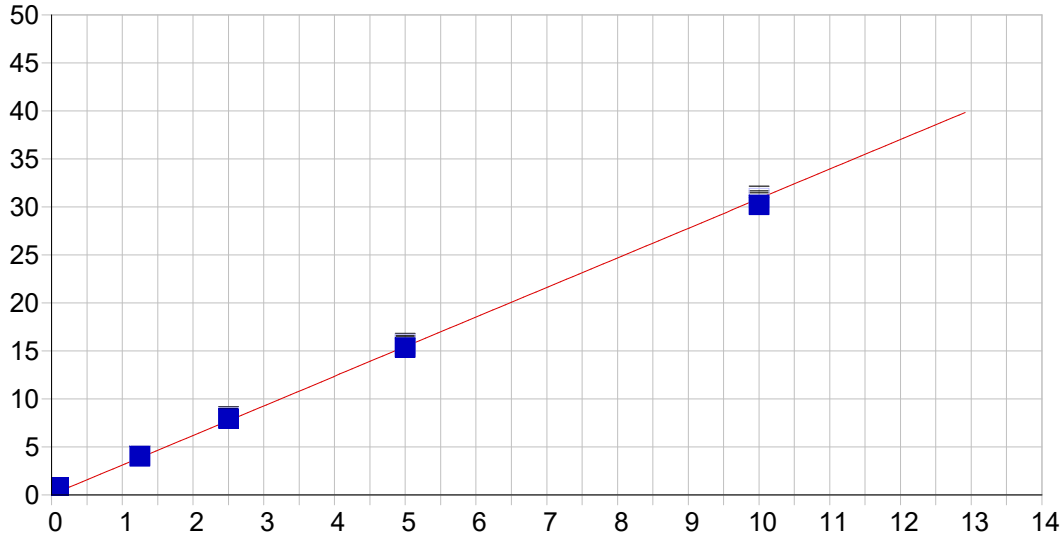
S 182.034 {485}

Date of Fit:	01/06/2025 14:35:23	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000595	Re-Slope:	1.000000
A1 (Gain):	0.065868	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999493	Status:	OK.
Std Error of Est:	0.000112		
Predicted MDL:	0.004248		
Predicted MQL:	0.014159		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00002	.000	.000	.00060	.000	1
S1	.10000	.08559	-.014	-14.4	.00623	.000	1
S2	1.2500	1.1547	-.095	-7.62	.07692	.000	1
S3	2.5000	2.4256	-.074	-2.97	.16090	.001	1
S4	5.0000	4.9268	-.073	-1.46	.32617	.001	1
S5	10.000	10.257	.257	2.57	.67834	.003	1

Reviewed By:Mohan
On:1/8/2025 7:28:17 AM
Inst Id :P5



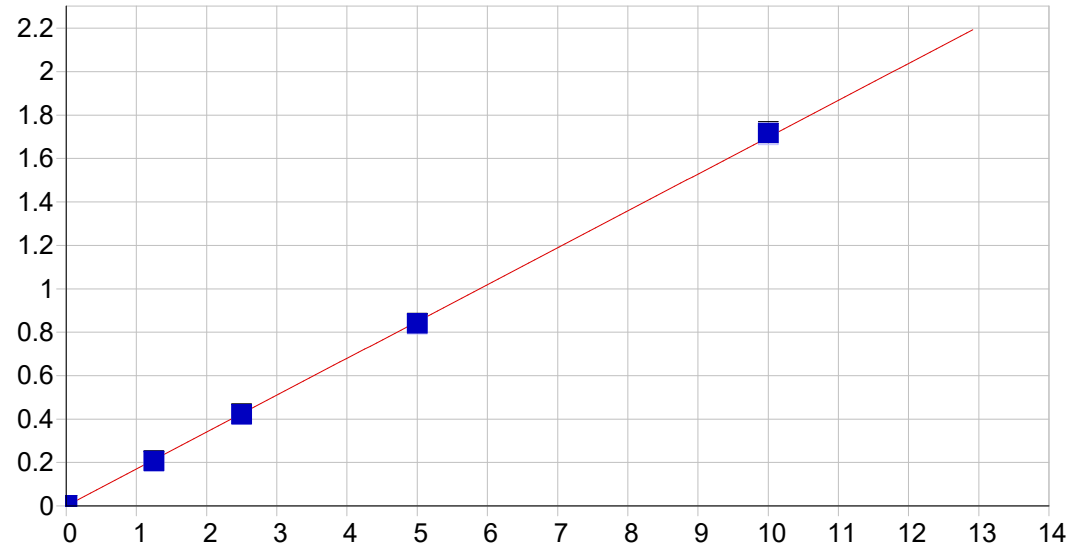
Si 251.611 {134}

Date of Fit:	01/06/2025 14:35:23	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.025837	Re-Slope:	1.000000
A1 (Gain):	3.082930	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.994258	Status:	OK.
Std Error of Est:	0.018031		
Predicted MDL:	0.001048		
Predicted MQL:	0.003493		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00015	-.000	.000	.02537	.004	1
S1	.10000	.24852	.149	149.	.79638	.002	1
S2	1.2500	1.2896	.040	3.17	4.0891	.018	1
S3	2.5000	2.5596	.060	2.38	8.0917	.062	1
S4	5.0000	4.9683	-.032	-.633	15.693	.105	1
S5	10.000	9.7852	-.215	-2.15	30.893	.249	1

Reviewed By:Mohan
On:1/8/2025 7:28:17 AM
Inst Id :P5



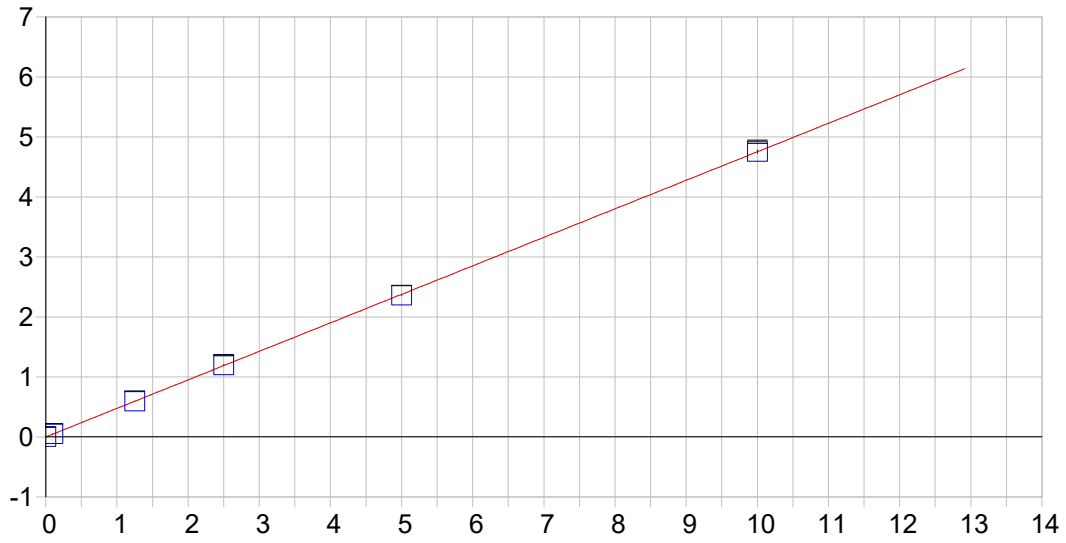
Sn 189.989 {478}

Date of Fit:	01/06/2025 14:35:23	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000644	Re-Slope:	1.000000
A1 (Gain):	0.169745	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999912	Status:	OK.
Std Error of Est:	0.000031		
Predicted MDL:	0.001484		
Predicted MQL:	0.004948		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00064	.000	1
S1	.00700	.00587	-.001	-16.1	.00159	.000	1
S2	1.2500	1.2109	-.039	-3.13	.20512	.001	1
S3	2.5000	2.4827	-.017	-.692	.41994	.002	1
S4	5.0000	4.9480	-.052	-1.04	.83629	.001	1
S5	10.000	10.109	.109	1.09	1.7082	.008	1

Reviewed By:Mohan
On:1/8/2025 7:28:17 AM
Inst Id :P5



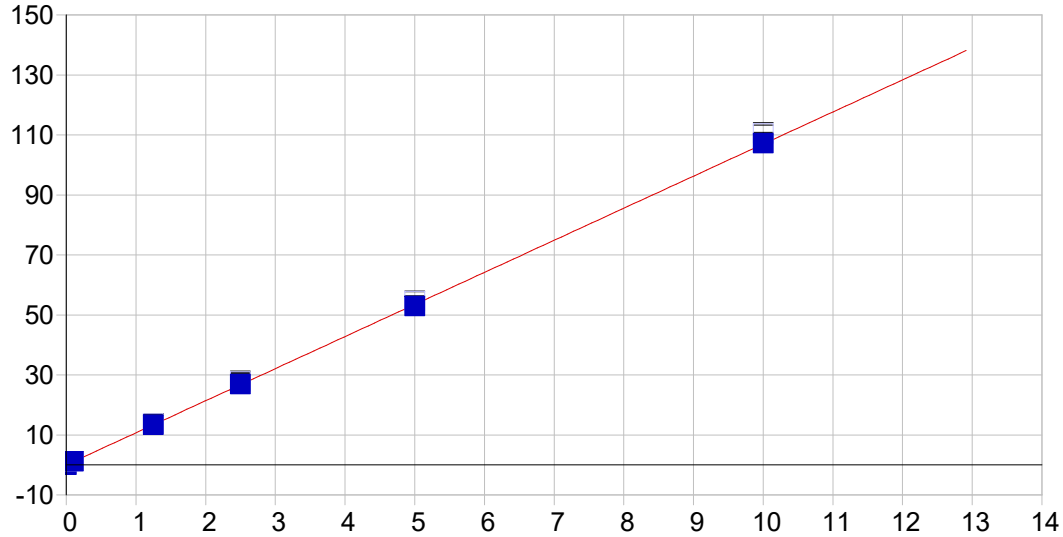
Ti 336.121 {100}

Date of Fit:	01/06/2025 14:35:23	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000372	Re-Slope:	1.000000
A1 (Gain):	0.475192	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999960	Status:	OK.
Std Error of Est:	0.000227		
Predicted MDL:	0.005130		
Predicted MQL:	0.017101		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00037	.000	1
S1	.10000	.11051	.011	10.5	.05288	.003	1
S2	1.2500	1.2517	.002	.134	.59516	.004	1
S3	2.5000	2.5182	.018	.729	1.1970	.010	1
S4	5.0000	4.9625	-.037	-.750	2.3585	.004	1
S5	10.000	10.007	.007	.071	4.7556	.027	1

Reviewed By:Mohan
On:1/8/2025 7:28:17 AM
Inst Id :P5



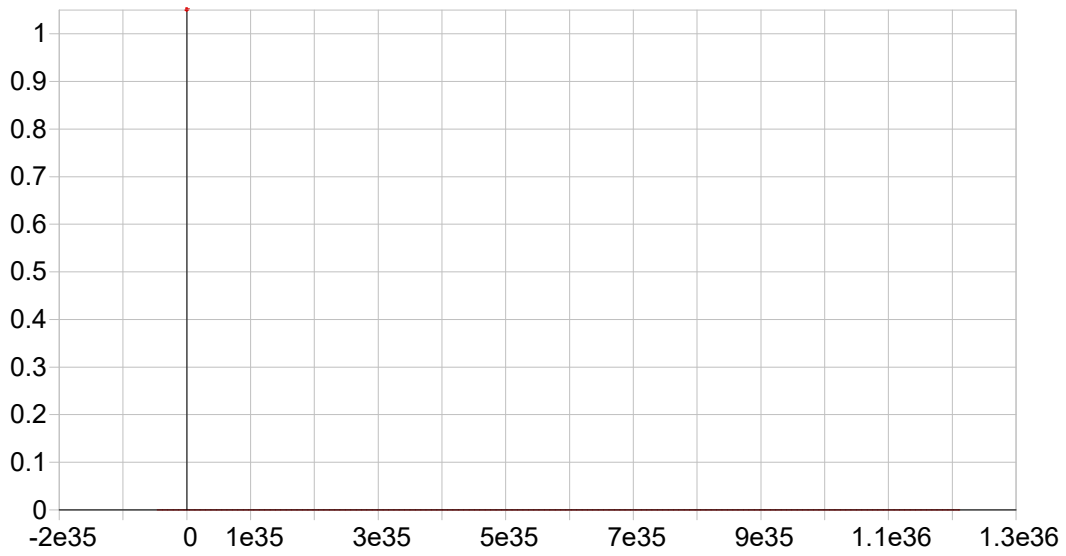
Sr 407.771 { 83}

Date of Fit:	01/06/2025 14:35:23	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.004495	Re-Slope:	1.000000
A1 (Gain):	10.695526	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999967	Status:	OK.
Std Error of Est:	0.004789		
Predicted MDL:	0.000312		
Predicted MQL:	0.001042		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00458	.003	1
S1	.10000	.10836	.008	8.36	1.1555	.003	1
S2	1.2500	1.2492	-.001	-.063	13.758	.043	1
S3	2.5000	2.5176	.018	.703	27.724	.209	1
S4	5.0000	4.9520	-.048	-.960	54.564	.116	1
S5	10.000	10.023	.023	.231	110.41	.379	1

Reviewed By:Mohan
On:1/8/2025 7:28:17 AM
Inst Id :P5

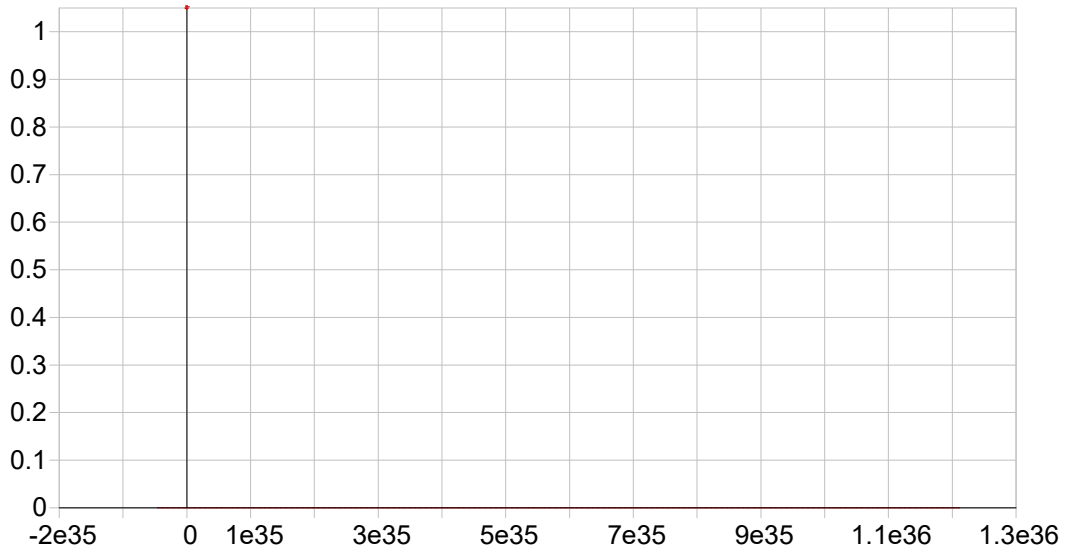


Y 224.306 {450}*

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



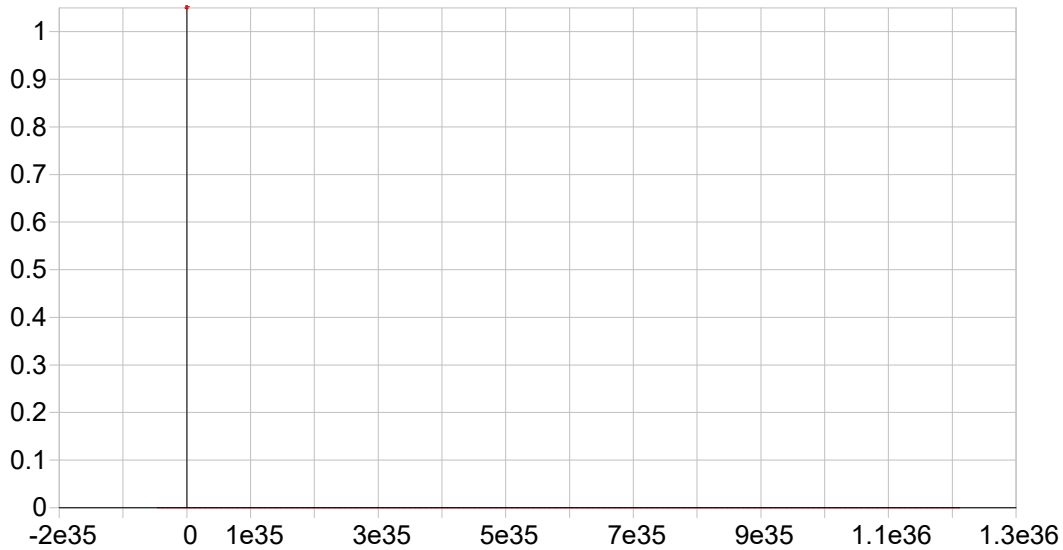
Y 360.073 { 94}*

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:1/8/2025 7:28:17 AM
Inst Id :P5

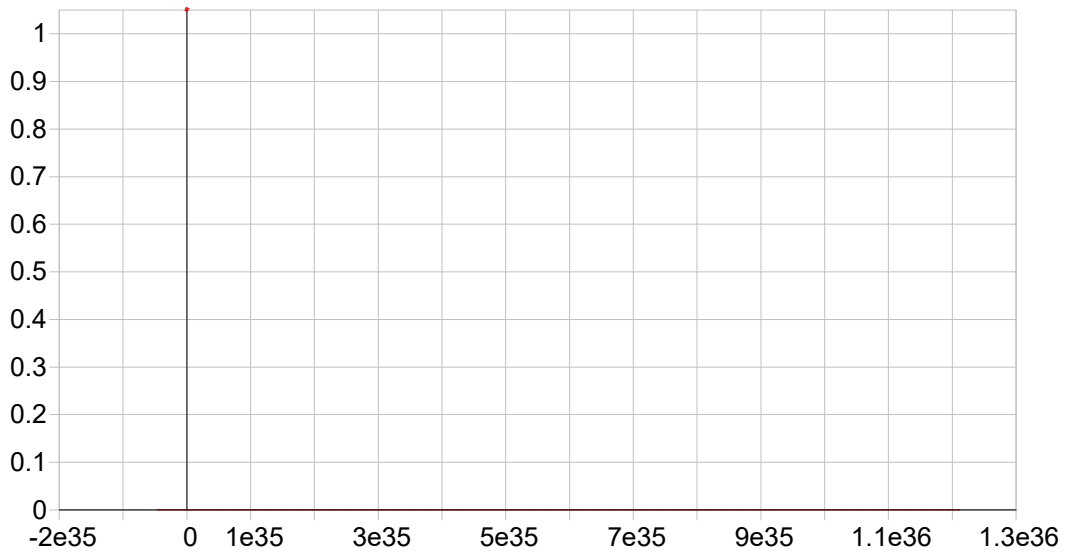
A2 (Curvature):		0.000000					
n (Exponent):		1.000000					
Correlation:		0.000000		Status:	Warning	Zero Gain	
Std Error of Est:		0.000000					
Predicted MDL:		n/a					
Predicted MQL:		n/a					
Std. Name	**Stated Conc.**	**Found Conc.**	**Difference**	**% Diff.**	**(S)IR**	**Std Dev**	**Emphasis**



Y 371.030 { 91}*

Date of Fit:	<not fit>		Type of Fit:	Linear	Weighting:	1/Conc	
A0 (Offset):		0.000000		Re-Slope:	1.000000		
A1 (Gain):		0.000000		Y-int:	0.000000		
A2 (Curvature):		0.000000					
n (Exponent):		1.000000					
Correlation:		0.000000		Status:	Warning	Zero Gain	
Std Error of Est:		0.000000					
Predicted MDL:		n/a					
Predicted MQL:		n/a					
Std. Name	**Stated Conc.**	**Found Conc.**	**Difference**	**% Diff.**	**(S)IR**	**Std Dev**	**Emphasis**

Reviewed By:Mohan
On:1/8/2025 7:28:17 AM
Inst Id :P5

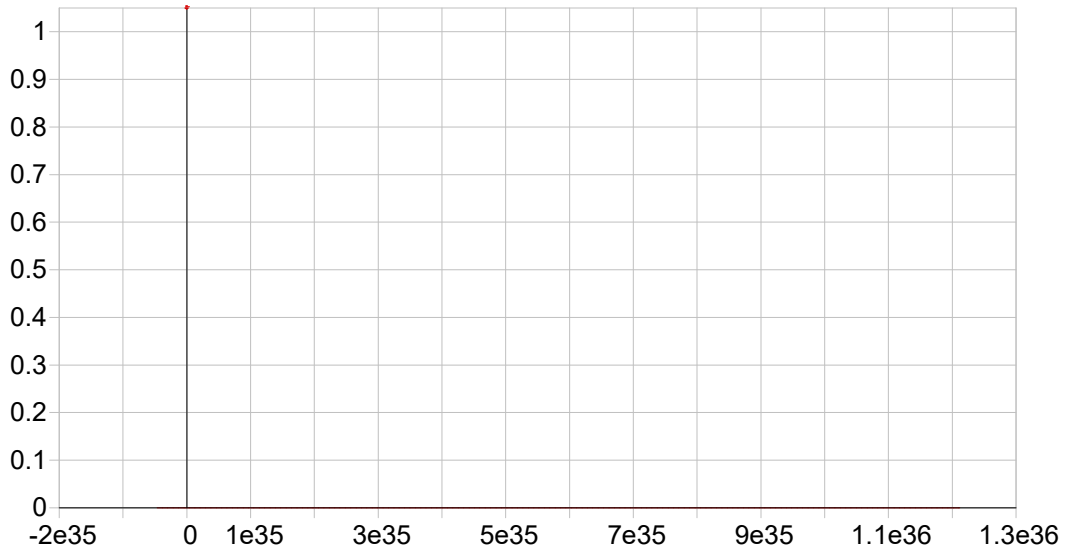


Y 224.306 {150}*

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

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

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



In 230.606 {446}*

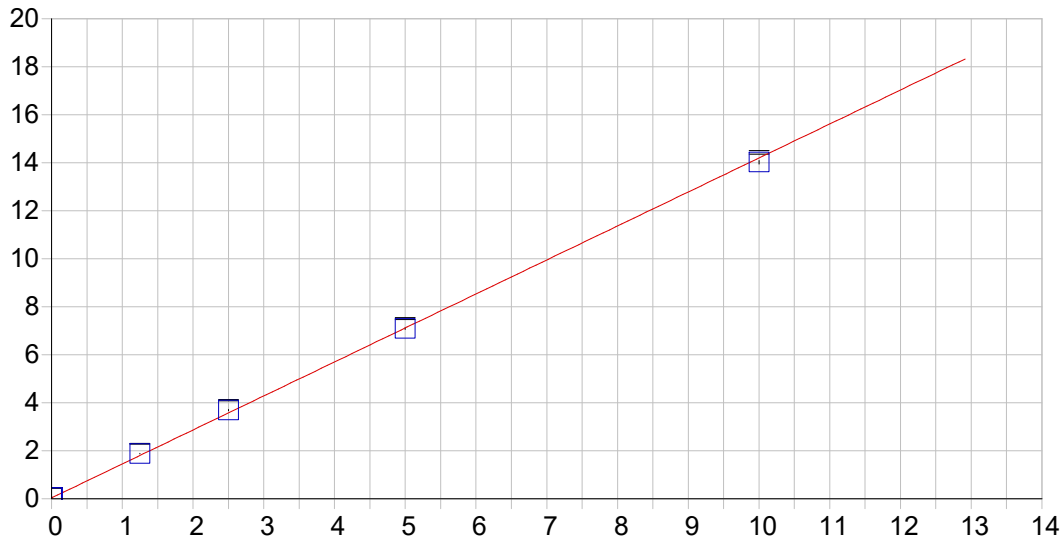
Date of Fit:	<not fit>	Type of Fit:	Linear	Weighting:	1/Conc

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

Reviewed By:Mohan
On:1/8/2025 7:28:17 AM
Inst Id :P5

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

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



Li 670.784 { 50}

Date of Fit:	01/06/2025 14:35:23	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.033874	Re-Slope:	1.000000
A1 (Gain):	1.416473	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999816	Status:	OK.
Std Error of Est:	0.000559		
Predicted MDL:	0.004846		
Predicted MQL:	0.016153		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.03387	.007	1
S5	10.000	9.8748	-.125	-1.25	14.021	.070	1
S4	5.0000	4.9874	-.013	-.252	7.0984	.041	1
S3	2.5000	2.5813	.081	3.25	3.6902	.029	1
S2	1.2500	1.3044	.054	4.35	1.8815	.016	1
S1	.01500	.01718	.002	14.5	.05821	.003	1

Reviewed By:Mohan
On:1/8/2025 7:28:17 AM
Inst Id :P5

Sample Name: S0 Acquired: 01/06/2025 13:59:46 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v80) 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	1.8513	-.00062	-.00095	-.00010	-.00023	-.00480	.21817	.01288
Stddev	.6204	.00015	.00044	.00009	.00054	.00359	.00317	.00189
%RSD	33.512	23.785	45.989	91.103	235.80	74.820	1.4540	14.642
#1	1.5931	-.00057	-.00049	-.00002	-.00069	-.00762	.21761	.01313
#2	2.5591	-.00051	-.00136	-.00019	-.00038	-.00076	.21532	.01462
#3	1.4016	-.00079	-.00101	-.00008	.00037	-.00602	.22159	.01088

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	.00082	.01469	.00006	-.00153	.00460	.00142	.00350	-.00073
Stddev	.00081	.00274	.00012	.00041	.00058	.00138	.00049	.00133
%RSD	99.761	18.659	189.44	26.562	12.727	96.625	13.907	180.87
#1	.00064	.01219	.00020	-.00197	.00520	.00301	.00309	-.00110
#2	.00011	.01762	.00003	-.00146	.00403	.00069	.00403	-.00184
#3	.00171	.01426	-.00004	-.00116	.00456	.00057	.00337	.00074

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	-.00223	.00067	.26907	-.00069	.01924	.09926	-.00583	.01422
Stddev	.00046	.00072	.01750	.00083	.00223	.01206	.00006	.00160
%RSD	20.813	106.91	6.5033	119.93	11.609	12.149	.98517	11.237
#1	-.00183	-.00010	.27817	.00011	.02105	.09682	-.00577	.01358
#2	-.00213	.00132	.28014	-.00065	.01994	.11236	-.00589	.01604
#3	-.00274	.00080	.24890	-.00154	.01674	.08862	-.00584	.01305

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	.00159	.00060	.02537	.00064	.00037	-.00458	.03387
Stddev	.00061	.00021	.00439	.00025	.00044	.00252	.00657
%RSD	38.450	35.734	17.293	39.145	120.10	54.971	19.390
#1	.00229	.00039	.02423	.00093	.00016	-.00185	.03088
#2	.00114	.00058	.03021	.00047	.00007	-.00509	.04140
#3	.00135	.00082	.02167	.00053	.00087	-.00681	.02933

Reviewed By:Mohan
On:1/8/2025 7:28:17 AM
Inst Id :P5

Sample Name: S0 Acquired: 01/06/2025 13:59:46 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v80) 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	1697.2	14682.	1320.7	1251.6	1855.8
Stddev	39.0	131.	6.6	13.5	44.3
%RSD	2.2995	.89229	.49897	1.0779	2.3845
#1	1703.7	14579.	1317.1	1243.4	1861.7
#2	1732.6	14637.	1316.6	1244.1	1896.8
#3	1655.3	14830.	1328.3	1267.1	1808.9

Reviewed By:Mohan
On:1/8/2025 7:28:17 AM
Inst Id :P5

Sample Name: S1 Acquired: 01/06/2025 14:03:50 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v80) 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	3.7343	.00216	.00179	.00211	.01025	.02367	1.0084	.10778
Stddev	.5351	.00054	.00084	.00039	.00131	.00383	.0088	.00377
%RSD	14.330	24.828	46.952	18.234	12.769	16.176	.87000	3.4957
#1	4.2611	.00218	.00093	.00167	.00906	.02397	1.0184	.11196
#2	3.7506	.00162	.00183	.00230	.01165	.02734	1.0051	.10465
#3	3.1912	.00269	.00260	.00236	.01005	.01970	1.0018	.10674

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	.02664	.33650	.00452	.06689	.00833	.00468	.01333	.07137
Stddev	.00039	.00533	.00033	.00021	.00211	.00090	.00163	.00034
%RSD	1.4684	1.5830	7.3882	.32014	25.336	19.258	12.263	.47840
#1	.02648	.33046	.00420	.06681	.00621	.00377	.01169	.07124
#2	.02635	.33856	.00449	.06672	.00836	.00471	.01334	.07112
#3	.02709	.34050	.00486	.06713	.01043	.00557	.01496	.07176

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	.03010	.00428	4.2380	.00665	.18560	.27825	-.00487	.01087
Stddev	.00052	.00023	.0225	.00161	.00214	.00652	.00016	.00160
%RSD	1.7165	5.4816	.53106	24.136	1.1549	2.3438	3.3549	14.701
#1	.02986	.00446	4.2355	.00481	.18426	.28247	-.00470	.00959
#2	.02974	.00401	4.2169	.00743	.18807	.28153	-.00488	.01266
#3	.03069	.00437	4.2617	.00773	.18446	.27073	-.00502	.01037

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	.00853	.00623	.79638	.00159	.05288	1.1555	.05821
Stddev	.00013	.00025	.00230	.00019	.00291	.0028	.00277
%RSD	1.5068	3.9706	.28879	12.123	5.4966	.24569	4.7607
#1	.00865	.00595	.79490	.00142	.05018	1.1549	.06062
#2	.00855	.00641	.79521	.00155	.05251	1.1530	.05518
#3	.00840	.00634	.79903	.00180	.05596	1.1586	.05881

Reviewed By:Mohan
On:1/8/2025 7:28:17 AM
Inst Id :P5

Sample Name: S1 Acquired: 01/06/2025 14:03:50 Type: Cal

Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v80) 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	1571.6	13899.	1269.7	1169.1	1715.6
Stddev	1.5	35.	2.7	4.1	3.9
%RSD	.09278	.25041	.21199	.35320	.22712
#1	1570.0	13859.	1268.6	1166.2	1715.5
#2	1572.0	13920.	1272.7	1167.1	1711.8
#3	1572.8	13918.	1267.7	1173.8	1719.6

Reviewed By:Mohan
On:1/8/2025 7:28:17 AM
Inst Id :P5

Sample Name: S2 Acquired: 01/06/2025 14:07:51 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v80) 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	292.06	.13949	2.1216	.09034	.22126	4.3854	9.7797	2.3507
Stddev	.75	.00112	.0035	.00019	.00085	.0164	.0120	.0128
%RSD	.25689	.80437	.16315	.20847	.38212	.37469	.12290	.54379
#1	291.59	.13912	2.1218	.09055	.22076	4.3700	9.7920	2.3524
#2	292.92	.13860	2.1181	.09020	.22079	4.3835	9.7680	2.3372
#3	291.66	.14075	2.1250	.09026	.22224	4.4027	9.7791	2.3626

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3.3679	3.9907	1.7692	.85188	.63070	1.0350	1.9320	.85321
Stddev	.0100	.0195	.0066	.00279	.00332	.0016	.0116	.00377
%RSD	.29624	.48821	.37228	.32704	.52707	.15750	.59772	.44186
#1	3.3693	3.9745	1.7723	.85215	.63366	1.0333	1.9210	.85064
#2	3.3573	3.9853	1.7617	.84897	.62710	1.0353	1.9309	.85145
#3	3.3771	4.0123	1.7737	.85452	.63134	1.0365	1.9440	.85754

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	.50043	.12394	30.999	.09713	10.706	1.4267	.10791	1.8053
Stddev	.00087	.00047	.191	.00293	.051	.0017	.00100	.0075
%RSD	.17301	.38131	.61488	3.0147	.47516	.12113	.92255	.41407
#1	.50122	.12444	30.835	.09948	10.670	1.4254	.10771	1.8099
#2	.49950	.12388	30.955	.09385	10.764	1.4261	.10703	1.7966
#3	.50057	.12350	31.208	.09804	10.684	1.4287	.10899	1.8092

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	.80294	.07692	4.0891	.20512	.59516	13.758	1.8815
Stddev	.00256	.00007	.0176	.00114	.00405	.043	.0160
%RSD	.31839	.09742	.43076	.55344	.68038	.31260	.85059
#1	.80559	.07693	4.0725	.20444	.59550	13.737	1.8638
#2	.80049	.07684	4.0872	.20449	.59095	13.729	1.8855
#3	.80274	.07699	4.1076	.20643	.59902	13.807	1.8950

Reviewed By:Mohan
On:1/8/2025 7:28:17 AM
Inst Id :P5

Sample Name: S2 Acquired: 01/06/2025 14:07:51 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v80) 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	1506.1	13698.	1260.9	1134.0	1559.0
Stddev	7.7	44.	6.0	2.7	7.8
%RSD	.51301	.31884	.47395	.24018	.49763
#1	1497.2	13679.	1263.8	1136.2	1551.2
#2	1510.4	13748.	1264.9	1131.0	1566.7
#3	1510.7	13666.	1254.0	1134.9	1559.1

Reviewed By:Mohan
On:1/8/2025 7:28:17 AM
Inst Id :P5

Sample Name: S3 Acquired: 01/06/2025 14:11:35 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v80) 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	584.03	.28383	4.3378	.18745	.45538	8.7986	19.443	4.6707
Stddev	1.92	.00042	.0081	.00085	.00237	.0673	.155	.0335
%RSD	.32806	.14626	.18766	.45310	.52003	.76507	.79726	.71760
#1	585.96	.28384	4.3417	.18843	.45738	8.8346	19.534	4.6924
#2	582.13	.28341	4.3284	.18693	.45277	8.7210	19.264	4.6321
#3	584.00	.28424	4.3432	.18700	.45599	8.8403	19.532	4.6875

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	6.8955	7.9981	3.5455	1.7301	1.2661	2.0785	3.8739	1.7066
Stddev	.0175	.0504	.0081	.0043	.0137	.0217	.0325	.0125
%RSD	.25313	.63032	.22995	.24763	1.0813	1.0424	.83878	.73159
#1	6.9010	8.0201	3.5413	1.7313	1.2774	2.0854	3.8880	1.7146
#2	6.8760	7.9404	3.5549	1.7254	1.2508	2.0543	3.8367	1.6922
#3	6.9096	8.0337	3.5403	1.7337	1.2700	2.0960	3.8969	1.7129

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	1.0281	.25024	63.977	.19896	21.854	2.8482	.23177	3.6725
Stddev	.0024	.00016	.307	.00082	.068	.0200	.00025	.0180
%RSD	.23245	.06326	.48033	.41019	.31263	.70082	.10886	.48915
#1	1.0277	.25029	64.161	.19903	21.777	2.8510	.23197	3.6892
#2	1.0259	.25037	63.622	.19812	21.879	2.8270	.23149	3.6535
#3	1.0306	.25006	64.147	.19974	21.907	2.8667	.23185	3.6748

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	1.6603	.16090	8.0917	.41994	1.1970	27.724	3.6902
Stddev	.0024	.00089	.0618	.00216	.0097	.209	.0289
%RSD	.14234	.55133	.76374	.51485	.81096	.75368	.78301
#1	1.6623	.16094	8.1429	.42171	1.1993	27.832	3.6964
#2	1.6577	.15999	8.0231	.41753	1.1864	27.484	3.6587
#3	1.6609	.16176	8.1092	.42058	1.2054	27.858	3.7154

Reviewed By:Mohan
On:1/8/2025 7:28:17 AM
Inst Id :P5

Sample Name: S3 Acquired: 01/06/2025 14:11:35 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v80) 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	1449.2	13345.	1245.6	1084.7	1493.4
Stddev	2.0	14.	9.6	2.4	3.2
%RSD	.13803	.10272	.77364	.22040	.21097
#1	1450.9	13338.	1237.8	1085.0	1497.0
#2	1447.0	13337.	1256.3	1087.0	1491.6
#3	1449.7	13361.	1242.6	1082.2	1491.6

Reviewed By:Mohan
On:1/8/2025 7:28:17 AM
Inst Id :P5

Sample Name: S4 Acquired: 01/06/2025 14:15:12 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v80) 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	1122.5	.55366	8.6569	.38055	.93015	17.299	38.196	9.0187
Stddev	4.7	.00094	.0047	.00169	.00172	.030	.148	.0529
%RSD	.42004	.17067	.05434	.44331	.18464	.17255	.38735	.58646
#1	1127.8	.55288	8.6527	.38230	.93124	17.264	38.111	8.9587
#2	1118.8	.55471	8.6560	.38042	.93105	17.314	38.110	9.0586
#3	1121.0	.55338	8.6620	.37893	.92817	17.317	38.367	9.0387

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	13.620	15.527	6.8286	3.3838	2.4748	4.0573	7.5365	3.3231
Stddev	.008	.053	.0037	.0040	.0097	.0142	.0308	.0111
%RSD	.05773	.34108	.05379	.11713	.39288	.34911	.40821	.33307
#1	13.612	15.488	6.8246	3.3815	2.4698	4.0560	7.5172	3.3151
#2	13.622	15.505	6.8318	3.3815	2.4686	4.0438	7.5203	3.3185
#3	13.627	15.587	6.8294	3.3884	2.4860	4.0721	7.5720	3.3357

Elem	Ni2316	Ag3280	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2.0286	.48904	128.55	.39294	44.466	5.5542	.47538	7.2102
Stddev	.0012	.00096	.59	.00365	.070	.0102	.00040	.0515
%RSD	.06101	.19606	.46050	.92892	.15724	.18291	.08434	.71486
#1	2.0291	.48820	127.88	.38921	44.435	5.5482	.47584	7.1512
#2	2.0272	.49009	128.99	.39312	44.417	5.5485	.47515	7.2465
#3	2.0294	.48885	128.79	.39650	44.546	5.5659	.47515	7.2328

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077	Li6707
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3.3788	.32617	15.693	.83629	2.3585	54.564	7.0984
Stddev	.0027	.00067	.105	.00086	.0039	.116	.0413
%RSD	.07834	.20444	.67164	.10323	.16412	.21225	.58128
#1	3.3784	.32614	15.575	.83580	2.3551	54.499	7.0638
#2	3.3816	.32552	15.779	.83579	2.3578	54.495	7.0873
#3	3.3764	.32685	15.724	.83729	2.3627	54.698	7.1441

Reviewed By:Mohan
On:1/8/2025 7:28:17 AM
Inst Id :P5

Sample Name: S4 Acquired: 01/06/2025 14:15:12 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v80) 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	1352.0	13150.	1227.2	1013.7	1421.9
Stddev	4.1	63.	2.6	4.3	5.3
%RSD	.30459	.48099	.21092	.42183	.37047
#1	1355.6	13078.	1228.8	1008.8	1427.9
#2	1347.5	13180.	1224.2	1016.3	1418.1
#3	1352.8	13193.	1228.6	1016.0	1419.6

Reviewed By:Mohan
On:1/8/2025 7:28:17 AM
Inst Id :P5

Sample Name: S5 Acquired: 01/06/2025 14:18:49 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v80) 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	2160.3	1.1029	17.650	.82594	2.0613	35.348	77.323	17.873
Stddev	3.1	.0048	.087	.00453	.0116	.161	.393	.131
%RSD	.14550	.43367	.49505	.54791	.56069	.45549	.50853	.73055
#1	2163.9	1.0999	17.585	.82237	2.0538	35.228	76.878	17.939
#2	2159.0	1.1084	17.749	.83103	2.0746	35.286	77.624	17.958
#3	2158.0	1.1003	17.615	.82440	2.0555	35.531	77.468	17.723

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	27.529	30.955	13.566	6.8349	5.0137	8.1049	15.050	6.6386
Stddev	.150	.105	.041	.0379	.0160	.0296	.047	.0269
%RSD	.54407	.33893	.29876	.55391	.31904	.36529	.31271	.40569
#1	27.410	30.835	13.522	6.8035	5.0009	8.0725	15.002	6.6313
#2	27.698	30.998	13.575	6.8770	5.0087	8.1116	15.050	6.6162
#3	27.480	31.031	13.601	6.8243	5.0316	8.1306	15.097	6.6685

Elem	Ni2316	Ag3280	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4.1105	.98957	258.46	.79847	96.006	11.332	.98788	14.243
Stddev	.0238	.00252	2.32	.00390	.313	.029	.00577	.120
%RSD	.57821	.25496	.89591	.48804	.32565	.25886	.58366	.84249
#1	4.0943	.98670	255.87	.79873	95.790	11.298	.98405	14.327
#2	4.1378	.99058	260.33	.79444	96.364	11.347	.99451	14.298
#3	4.0994	.99143	259.19	.80222	95.863	11.350	.98508	14.106

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	7.4526	.67834	30.893	1.7082	4.7556	110.41	14.021
Stddev	.0399	.00269	.249	.0079	.0270	.38	.070
%RSD	.53611	.39665	.80715	.46152	.56857	.34357	.50003
#1	7.4161	.67719	31.068	1.7017	4.7284	109.99	13.941
#2	7.4953	.68142	31.003	1.7170	4.7561	110.50	14.054
#3	7.4466	.67642	30.607	1.7058	4.7825	110.73	14.069

Reviewed By:Mohan
On:1/8/2025 7:28:17 AM
Inst Id :P5

Sample Name: S5 Acquired: 01/06/2025 14:18:49 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v80) 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	1178.6	12674.	1197.8	885.87	1326.2
Stddev	8.4	88.	3.0	5.83	9.2
%RSD	.71562	.69218	.24724	.65757	.69656
#1	1185.1	12748.	1196.6	892.55	1333.5
#2	1169.1	12696.	1195.7	883.27	1315.8
#3	1181.7	12577.	1201.2	881.80	1329.3

Reviewed By:Mohan
On:1/8/2025 7:28:17 AM
Inst Id :P5

Sample Name: S6 Acquired: 01/06/2025 14:22:34 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v80) 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	91.792	49.042	20.962	10.410	696.54
Stddev	.238	.235	.068	.051	7.27
%RSD	.25976	.47874	.32485	.49039	1.0436
#1	91.517	48.914	20.893	10.367	694.93
#2	91.922	49.313	21.029	10.466	704.47
#3	91.937	48.899	20.965	10.398	690.21

Int. Std.	Y_3710
Units	Cts/S
Avg	1162.5
Stddev	8.5
%RSD	.72845
#1	1163.0
#2	1153.8
#3	1170.7

Reviewed By:Mohan
On:1/8/2025 7:28:17 AM
Inst Id :P5

Sample Name: ICV053 Acquired: 01/06/2025 14:34:45 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v80) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICV053 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.088637	1.020998	.9991992	.9490112	.9834991	2.541287
Stddev	.003608	.002159	.0022544	.0035655	.0035539	.018318
%RSD	.3313957	.2114448	.2256239	.3757021	.3613570	.7208137
#1	1.086333	1.022623	.9977184	.9482146	.9821704	2.521022
#2	1.092794	1.018549	.9980854	.9459114	.9808009	2.546172
#3	1.086783	1.021823	1.001794	.9529076	.9875259	2.556668

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5314570	.5387125	.5050500	10.46226	.5665416	.5142750
Stddev	.0004258	.0020862	.0007882	.05796	.0020467	.0013005
%RSD	.0801184	.3872522	.1560724	.5540140	.3612657	.2528740
#1	.5310996	.5396253	.5041706	10.43796	.5643221	.5145917
#2	.5313432	.5401867	.5056931	10.52841	.5669483	.5153879
#3	.5319281	.5363255	.5052862	10.42040	.5683544	.5128454

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5002878	10.55748	.5429373	6.523207	.5209408	.2592031
Stddev	.0064651	.01489	.0022894	.056718	.0007129	.0015902
%RSD	1.292273	.1410242	.4216699	.8694820	.1368467	.6135064
#1	.4978857	10.56658	.5439839	6.500019	.5206065	.2599899
#2	.5076100	10.56556	.5445164	6.587846	.5217594	.2573728
#3	.4953675	10.54030	.5403117	6.481758	.5204565	.2602465

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.92083	.5160057	.9412478	9.465476	F .0011627	F -.021825
Stddev	.01590	.0164383	.0029340	.243326	.0010872	.002034
%RSD	.1455957	3.185688	.3117092	2.570668	93.50428	9.319997
#1	10.92584	.5045364	.9382823	9.484183	.0000844	-.024134
#2	10.93362	.5086422	.9413118	9.213336	.0022586	-.020301
#3	10.90303	.5348384	.9441492	9.698908	.0011451	-.021038

Reviewed By:Mohan
On:1/8/2025 7:28:17 AM
Inst Id :P5

Sample Name: ICV053 Acquired: 01/06/2025 14:34:45 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v80) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICV053 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .0011336	F .0000986	F -.000202	F .0013485	F .0083485	F -.009397
Stddev	.0002592	.0027648	.001028	.0003950	.0039538	.000522
%RSD	22.86426	2804.288	509.0949	29.29001	47.35862	5.552072
#1	.0013783	.0024603	-.001084	.0013266	.0062004	-.009771
#2	.0008620	.0007781	.000928	.0009650	.0059339	-.009619
#3	.0011606	-.002943	-.000450	.0017540	.0129114	-.008801

Elem	Li6707
Units	ppm
Avg	F .0219952
Stddev	.0022404
%RSD	10.18570
#1	.0196146
#2	.0223088
#3	.0240623

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1574.560	14038.83	1286.795	1183.689	1686.757
Stddev	4.486	16.56	4.022	3.176	.491
%RSD	.2848838	.1179700	.3125563	.2683073	.0291290
#1	1570.296	14034.18	1285.463	1186.229	1686.468
#2	1579.238	14057.22	1283.609	1184.710	1687.325
#3	1574.145	14025.09	1291.315	1180.128	1686.480

Reviewed By:Mohan
On:1/8/2025 7:28:17 AM
Inst Id :P5

Sample Name: ICB053 Acquired: 01/06/2025 14:38:35 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v80) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICB053 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003268	.0056583	-.001119	-.006345	.0026751	.0015637	.0010508
Stddev	.002598	.0029354	.003043	.001108	.0020973	.0500520	.0012938
%RSD	79.48084	51.87795	272.0184	17.46295	78.39931	3200.836	123.1265
#1	-.001926	.0083846	-.004149	-.005559	.0047522	-.011519	.0006858
#2	-.001616	.0025510	-.001146	-.005863	.0005582	.056858	-.000021
#3	-.006263	.0060394	.001938	-.007612	.0027150	-.040648	.002488

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000155	-.000044	-.073638	-.000301	.0002758	-.017038	-.037484
Stddev	.000178	.000064	.033693	.001190	.0003420	.009542	.023060
%RSD	115.1614	145.5888	45.75452	395.9920	124.0302	56.00661	61.52094
#1	-.000358	.000027	-.059856	-.001074	-.000111	-.007055	-.064031
#2	-.000078	-.000063	-.112037	-.000898	.000399	-.017991	-.022422
#3	-.000028	-.000097	-.049021	.001070	.000539	-.026068	-.025998

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0014111	-.114580	-.000022	-.000225	-.174102	.0048002	-.004222
Stddev	.0013257	.097021	.001531	.000697	.022186	.0029229	.000759
%RSD	93.94593	84.67481	6895.784	310.1157	12.74297	60.89154	17.98092
#1	.0022517	-.002772	.001745	.000393	-.148489	.0044120	-.004410
#2	.0020987	-.164380	-.000864	-.000087	-.187323	.0078978	-.004870
#3	-.000117	-.176589	-.000947	-.000980	-.186495	.0020908	-.003387

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0315407	.0002288	-.000665	-.000057	-.001300	.0001640	-.001329
Stddev	.1996912	.0010746	.000453	.000710	.001611	.0005661	.000639
%RSD	633.1219	469.6244	68.08170	1235.674	123.9022	345.2148	48.09938
#1	-.190042	-.000880	-.000995	-.000630	-.000577	-.000353	-.001312
#2	.197582	.001265	-.000850	-.000280	-.003146	.000076	-.000699
#3	.087082	.000301	-.000149	.000738	-.000177	.000769	-.001977

Reviewed By:Mohan
On:1/8/2025 7:28:17 AM
Inst Id :P5

Sample Name: ICB053 Acquired: 01/06/2025 14:38:35 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v80) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICB053 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.0061163	.0000757	.0077038
Stddev	.0064127	.0003881	.0059424
%RSD	104.8465	512.4526	77.13626
#1	.0046481	-.000169	.0097073
#2	.0131358	.000523	.0010186
#3	.0005650	-.000127	.0123855

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1600.588	14164.34	1289.970	1197.004	1750.123
Stddev	3.353	123.87	10.875	8.296	2.983
%RSD	.2094625	.8745214	.8430640	.6931037	.1704528
#1	1596.717	14096.76	1278.561	1196.471	1746.840
#2	1602.460	14088.96	1300.218	1188.986	1752.668
#3	1602.586	14307.31	1291.130	1205.553	1750.862

Reviewed By:Mohan
On:1/8/2025 7:28:17 AM
Inst Id :P5

Sample Name: ICSA053 Acquired: 01/06/2025 14:48:52 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v80) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICSA053 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0093662	.0090150	-.007112	-.000386	.0212831	245.9293
Stddev	.0064863	.0026897	.002752	.003805	.0025063	1.6048
%RSD	69.25202	29.83542	38.69180	985.3520	11.77583	.6525475
#1	.0115740	.0120990	-.006064	-.003339	.0197637	246.3496
#2	.0020643	.0071556	-.005038	.003907	.0241758	247.2821
#3	.0144605	.0077903	-.010234	-.001727	.0199097	244.1561

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0057338	.0014948	.0006560	252.9951	.0523670	.0381618
Stddev	.0037192	.0001122	.0000896	1.6310	.0006900	.0000598
%RSD	64.86502	7.503074	13.66307	.6446790	1.317526	.1566647
#1	.0087081	.0016225	.0005580	252.2651	.0531590	.0382070
#2	.0015638	.0014119	.0006760	254.8636	.0518966	.0381844
#3	.0069295	.0014501	.0007339	251.8565	.0520453	.0380940

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.010585	101.8025	-.000662	265.8361	.0115091	-.007896
Stddev	.021929	.8435	.000981	1.6414	.0021253	.001074
%RSD	207.1708	.8285752	148.1365	.6174534	18.46627	13.59897
#1	-.014893	102.0284	-.000154	265.5095	.0123199	-.009131
#2	-.030041	102.5101	-.001793	267.6163	.0090977	-.007374
#3	.013178	100.8691	-.000039	264.3826	.0131096	-.007184

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0269721	-.005175	-.038230	-.193554	-.001943	F -.228489
Stddev	.0091296	.009640	.000509	.087909	.005623	.003370
%RSD	33.84821	186.2900	1.332133	45.41844	289.4271	1.474768
#1	.0167312	-.001024	-.038731	-.277679	.002246	-.232370
#2	.0299266	.001695	-.038246	-.102295	-.008334	-.226315
#3	.0342586	-.016195	-.037713	-.200687	.000259	-.226781

Reviewed By:Mohan
On:1/8/2025 7:28:17 AM
Inst Id :P5

Sample Name: ICSA053 Acquired: 01/06/2025 14:48:52 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v80) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICSA053 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0081708	.0125180	-.002511	F .0131277	.0091522	.0062033
Stddev	.0001401	.0024824	.000873	.0014491	.0008609	.0006282
%RSD	1.714534	19.83065	34.77518	11.03817	9.406634	10.12697
#1	.0080179	.0133473	-.003500	.0115145	.0083020	.0066732
#2	.0082016	.0144795	-.002185	.0135497	.0100235	.0054898
#3	.0082929	.0097271	-.001847	.0143189	.0091310	.0064469

Elem	Li6707
Units	ppm
Avg	.0082443
Stddev	.0075549
%RSD	91.63867
#1	.0004898
#2	.0155824
#3	.0086605

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1458.392	12996.92	1220.775	1100.570	1476.291
Stddev	7.521	23.31	8.398	7.394	5.249
%RSD	.5156917	.1793247	.6879049	.6717927	.3555235
#1	1452.450	13017.68	1216.540	1109.088	1471.012
#2	1466.848	12971.71	1215.339	1095.812	1481.509
#3	1455.879	13001.37	1230.448	1096.811	1476.352

Reviewed By:Mohan
On:1/8/2025 7:28:17 AM
Inst Id :P5

Sample Name: ICSAB053 Acquired: 01/06/2025 15:03:06 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v80) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICSAB053 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1068915	.1027560	.0421242	.0453055	.5411971	235.1983
Stddev	.0009628	.0013284	.0029703	.0062187	.0052687	.2625
%RSD	.9007124	1.292722	7.051358	13.72609	.9735273	.1116005
#1	.1077794	.1042808	.0409926	.0524277	.5456863	234.9685
#2	.1058682	.1018497	.0398860	.0425364	.5353966	235.4843
#3	.1070268	.1021375	.0454940	.0409523	.5425083	235.1419

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5124993	.5084820	.9571905	244.1274	.5750026	.4982596
Stddev	.0026347	.0019615	.0013543	.5789	.0006823	.0009804
%RSD	.5140966	.3857658	.1414893	.2371360	.1186628	.1967663
#1	.5149552	.5084354	.9561909	244.1706	.5754126	.4984947
#2	.5097162	.5104665	.9566488	244.6835	.5753803	.4971831
#3	.5128264	.5065442	.9587319	243.5281	.5742150	.4991011

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4361649	98.10124	.4945974	255.5988	.9503477	.1978588
Stddev	.0087438	.23512	.0067300	.5637	.0016352	.0011801
%RSD	2.004700	.2396727	1.360699	.2205535	.1720606	.5964522
#1	.4430585	98.30072	.5018045	255.3308	.9494529	.1972744
#2	.4263296	98.16101	.4935109	255.2192	.9493552	.1970849
#3	.4391065	97.84201	.4884768	256.2466	.9522350	.1992171

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1252184	.4847786	.8577251	-.063425	-.004598	F -.212076
Stddev	.0023387	.0143586	.0048746	.131415	.002396	.003082
%RSD	1.867665	2.961888	.5683168	207.1965	52.10640	1.453176
#1	.1229636	.4987037	.8535537	.084350	-.004923	-.211031
#2	.1250589	.4700226	.8630836	-.167175	-.006814	-.215544
#3	.1276327	.4856094	.8565380	-.107452	-.002056	-.209652

Reviewed By:Mohan
On:1/8/2025 7:28:17 AM
Inst Id :P5

Sample Name: ICSAB053 Acquired: 01/06/2025 15:03:06 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v80) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICSAB053 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0088711	.0220540	-.003099	F .0133377	.0081435	.0058555
Stddev	.0013857	.0020870	.001059	.0021570	.0046683	.0006854
%RSD	15.62004	9.463268	34.18947	16.17190	57.32594	11.70497
#1	.0084169	.0239436	-.003959	.0148835	.0050071	.0050824
#2	.0077696	.0198139	-.003421	.0142560	.0059149	.0060956
#3	.0104269	.0224044	-.001915	.0108735	.0135084	.0063885

Elem	Li6707
Units	ppm
Avg	.0131806
Stddev	.0104004
%RSD	78.90680
#1	.0128032
#2	.0029740
#3	.0237645

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1507.916	13318.36	1264.662	1134.636	1526.519
Stddev	1.361	23.93	3.628	2.297	1.465
%RSD	.0902557	.1796637	.2868609	.2024340	.0959895
#1	1507.345	13291.88	1266.410	1136.742	1525.736
#2	1509.469	13338.44	1260.491	1132.187	1528.210
#3	1506.933	13324.75	1267.085	1134.980	1525.613

Reviewed By:Mohan
On:1/8/2025 7:28:17 AM
Inst Id :P5

Sample Name: CCV120 Acquired: 01/06/2025 15:06:54 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v80) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV120 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.030105	4.918566	25.11971	5.015791	4.970387	412.2122	10.36266
Stddev	.008059	.008772	.06032	.009834	.023331	.6841	.02146
%RSD	.1602241	.1783547	.2401136	.1960512	.4694011	.1659668	.2070856
#1	5.032411	4.928681	25.17509	5.009430	4.993898	411.7611	10.35365
#2	5.021144	4.913026	25.05544	5.010826	4.947240	412.9993	10.38716
#3	5.036760	4.913992	25.12861	5.027117	4.970023	411.8761	10.34718

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5175728	2.524855	417.4703	15.97784	2.548142	15.53121	420.4756
Stddev	.0016238	.006001	.8531	.04437	.006055	.01298	.3077
%RSD	.3137274	.2376923	.2043523	.2777187	.2376298	.0835884	.0731815
#1	.5168511	2.530091	416.8882	16.01001	2.552199	15.52239	420.1303
#2	.5194323	2.518306	418.4496	15.99629	2.541182	15.54612	420.7209
#3	.5164350	2.526167	417.0731	15.92722	2.551045	15.52514	420.5755

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.32863	417.5456	2.560302	1.285390	412.7581	2.581613	15.08492
Stddev	.03075	1.2883	.006325	.005027	2.7551	.026723	.02584
%RSD	.2006372	.3085429	.2470487	.3910497	.6674843	1.035146	.1713264
#1	15.31609	417.3229	2.567236	1.288280	410.4834	2.603573	15.10100
#2	15.36367	418.9308	2.554850	1.288305	415.8216	2.589407	15.05511
#3	15.30612	416.3832	2.558819	1.279586	411.9694	2.551859	15.09866

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	159.1404	5.031914	4.523702	4.914926	5.069645	5.083480	5.089082
Stddev	1.2384	.013565	.017443	.012018	.015320	.012926	.008277
%RSD	.7781760	.2695707	.3855857	.2445160	.3021928	.2542759	.1626366
#1	157.8494	5.046684	4.504430	4.928756	5.087326	5.079512	5.088782
#2	160.3185	5.020014	4.538405	4.907025	5.061296	5.097925	5.080959
#3	159.2533	5.029043	4.528272	4.908997	5.060313	5.073004	5.097504

Reviewed By:Mohan
On:1/8/2025 7:28:17 AM
Inst Id :P5

Sample Name: CCV120 Acquired: 01/06/2025 15:06:54 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v80) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV120 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	5.122184	4.873580	5.187670
Stddev	.010828	.009138	.019853
%RSD	.2113966	.1874971	.3826973
#1	5.131586	4.865999	5.164990
#2	5.110345	4.883726	5.196115
#3	5.124622	4.871015	5.201904

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1294.381	12538.73	1199.728	966.1263	1369.501
Stddev	.949	60.61	6.818	2.2574	2.523
%RSD	.0733191	.4833666	.5682956	.2336526	.1842459
#1	1293.769	12536.22	1202.485	966.7465	1368.314
#2	1295.475	12479.42	1191.963	963.6237	1372.399
#3	1293.901	12600.56	1204.735	968.0088	1367.791

Reviewed By:Mohan
On:1/8/2025 7:28:17 AM
Inst Id :P5

Sample Name: CCB120 Acquired: 01/06/2025 15:10:39 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v80) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB120 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001810	.0020888	-.003795	-.000963	.0016772	.0402586	-.001242
Stddev	.002430	.0036088	.002817	.003220	.0024249	.0262449	.002697
%RSD	134.2692	172.7713	74.23156	334.4805	144.5774	65.19061	217.1229
#1	-.003055	-.001622	-.005902	.000415	.0038280	.0568564	.000192
#2	-.003366	.002301	-.004887	-.004642	-.000951	.0539183	-.004353
#3	.000990	.005587	-.000595	.001339	.002155	.0100012	.000435

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000191	-.000032	-.080383	.0006442	-.000393	.0030858	-.033943
Stddev	.000115	.000066	.051275	.0003312	.000098	.0088363	.017308
%RSD	60.25141	205.1127	63.78890	51.41294	24.87243	286.3570	50.99215
#1	-.000252	-.000030	-.027546	.0006988	-.000332	.0080753	-.014022
#2	-.000262	.000033	-.129938	.0002891	-.000506	-.007117	-.045294
#3	-.000058	-.000098	-.083664	.0009447	-.000341	.008299	-.042512

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000342	-.071570	.0004174	.0003036	-.024048	-.020557	-.000520
Stddev	.002384	.060144	.0016032	.0005799	.034844	.005302	.001101
%RSD	696.7347	84.03589	384.0784	190.9887	144.8974	25.79380	211.7818
#1	-.003039	-.130161	.0018763	-.000075	.005298	-.021076	-.000187
#2	.001486	-.009984	.0006748	.000971	-.014882	-.025581	.000376
#3	.000526	-.074564	-.001299	.000015	-.062559	-.015014	-.001749

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2688448	.0036658	.0152931	-.000426	-.001716	.0003921	-.001171
Stddev	.1058084	.0059646	.0005660	.001000	.002442	.0009841	.000955
%RSD	39.35667	162.7121	3.701165	234.7432	142.3129	250.9800	81.55674
#1	.3144036	-.002104	.0152992	.000338	-.003946	.0008873	-.000756
#2	.1478885	.009808	.0147241	-.000058	-.002096	-.000741	-.000493
#3	.3442422	.003293	.0158561	-.001557	.000894	.001030	-.002263

Reviewed By:Mohan
On:1/8/2025 7:28:17 AM
Inst Id :P5

Sample Name: CCB120 Acquired: 01/06/2025 15:10:39 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v80) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB120 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.0084783	-.000050	.0118742
Stddev	.0040578	.000055	.0054079
%RSD	47.86087	110.5612	45.54302
#1	.0040856	-.000014	.0125488
#2	.0120867	-.000114	.0061607
#3	.0092625	-.000022	.0169132

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1611.071	14231.50	1299.190	1214.606	1758.917
Stddev	1.490	16.24	7.833	1.751	1.097
%RSD	.0924805	.1141053	.6028767	.1441743	.0623534
#1	1612.572	14229.03	1291.367	1215.089	1757.947
#2	1611.048	14216.63	1299.173	1212.665	1760.107
#3	1609.592	14248.83	1307.032	1216.066	1758.696

Reviewed By:Mohan
On:1/8/2025 7:28:17 AM
Inst Id :P5

Sample Name: P5061-05A Acquired: 01/06/2025 15:14:40 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v80) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHL52A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0866071	.0562354	.2707554	.0950745	.0259571	52.62931
Stddev	.0023754	.0060128	.0060134	.0104138	.0033361	.31091
%RSD	2.742710	10.69216	2.220967	10.95328	12.85226	.5907626
#1	.0870874	.0537800	.2671325	.0984509	.0297549	52.39496
#2	.0887056	.0630873	.2776969	.1033810	.0246171	52.51095
#3	.0840282	.0518389	.2674370	.0833914	.0234994	52.98202

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6037685	.0057299	.0020617	F 862.0724	.0820534	.1049747
Stddev	.0053567	.0001498	.0001193	4.0591	.0012900	.0002973
%RSD	.8872036	2.615104	5.784547	.4708518	1.572118	.2831968
#1	.5986080	.0055955	.0021976	857.7447	.0818567	.1048732
#2	.6033955	.0057029	.0020127	862.6777	.0834305	.1053094
#3	.6093018	.0058915	.0019747	865.7949	.0808731	.1047414

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1689389	139.4863	4.612642	80.27620	.1248803	-.009878
Stddev	.0179516	.9902	.035928	.79885	.0014516	.001533
%RSD	10.62606	.7098720	.7789008	.9951316	1.162355	15.51775
#1	.1511850	138.3786	4.574941	79.48833	.1253642	-.011423
#2	.1685498	139.7945	4.616499	80.25468	.1232486	-.008357
#3	.1870818	140.2856	4.646486	81.08560	.1260280	-.009855

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9053083	.1262987	.2549056	10.76920	4.242001	-.200776
Stddev	.0043250	.0032345	.0023496	.18837	.012279	.003918
%RSD	.4777392	2.560971	.9217646	1.749127	.2894715	1.951407
#1	.9024409	.1260087	.2554233	10.55170	4.245350	-.204680
#2	.9102831	.1232191	.2523403	10.87658	4.228395	-.196845
#3	.9032009	.1296685	.2569532	10.87933	4.252259	-.200804

Reviewed By:Mohan
On:1/8/2025 7:28:17 AM
Inst Id :P5

Sample Name: P5061-05A Acquired: 01/06/2025 15:14:40 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v80) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHL52A Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0032933	1.671308	10.74241	.0333917	.2966607	.5509550
Stddev	.0009322	.004535	.09953	.0027792	.0026455	.0034420
%RSD	28.30521	.2713280	.9265028	8.323113	.8917519	.6247340
#1	.0023304	1.670005	10.70601	.0345050	.2993598	.5474758
#2	.0033581	1.667568	10.66620	.0302284	.2965499	.5510308
#3	.0041913	1.676352	10.85501	.0354416	.2940724	.5543586

Elem	Li6707
Units	ppm
Avg	.0862691
Stddev	.0046838
%RSD	5.429322
#1	.0852336
#2	.0913840
#3	.0821897

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1773.886	15765.39	1492.529	1331.889	1459.543
Stddev	7.466	78.36	11.674	2.070	7.795
%RSD	.4209045	.4970450	.7821539	.1554188	.5340970
#1	1772.730	15807.98	1500.232	1333.558	1462.986
#2	1781.862	15674.96	1498.259	1332.536	1465.024
#3	1767.064	15813.24	1479.098	1329.573	1450.619

Reviewed By:Mohan
On:1/8/2025 7:28:17 AM
Inst Id :P5

Sample Name: P5080-10A Acquired: 01/06/2025 15:18:28 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v80) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLE8A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6169919	.0265900	4.408739	.2083788	.0377531	77.27520
Stddev	.0010032	.0025335	.010034	.0078068	.0030861	.53418
%RSD	.1625871	9.528032	.2276033	3.746446	8.174392	.6912754
#1	.6161559	.0244931	4.399350	.2082440	.0360692	76.69193
#2	.6167156	.0258718	4.407553	.2006402	.0413148	77.74062
#3	.6181043	.0294051	4.419313	.2162521	.0358753	77.39304

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.933924	.0070580	.0105150	86.01998	.3435001	.1080105
Stddev	.023525	.0001113	.0000884	.63713	.0012122	.0011605
%RSD	.8018395	1.576687	.8411924	.7406784	.3529019	1.074398
#1	2.921208	.0071123	.0104740	85.47540	.3443782	.1077633
#2	2.961071	.0069300	.0106165	86.72066	.3421170	.1069936
#3	2.919494	.0071317	.0104544	85.86389	.3440051	.1092747

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5618729	178.8143	9.543763	30.16721	.2118145	-.010907
Stddev	.0176378	1.7083	.060169	.17867	.0004827	.002126
%RSD	3.139111	.9553690	.6304566	.5922601	.2278719	19.49227
#1	.5426700	177.2234	9.499696	30.06637	.2120655	-.008909
#2	.5655980	180.6198	9.612314	30.37350	.2121199	-.010672
#3	.5773505	178.5997	9.519278	30.06175	.2112581	-.013141

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6506921	.1865550	2.995356	10.91975	F 16.35845	-.335291
Stddev	.0036352	.0043174	.010555	.30572	.06560	.000918
%RSD	.5586694	2.314253	.3523794	2.799741	.4010072	.2736679
#1	.6547088	.1853803	2.983567	10.61343	16.34843	-.334242
#2	.6497393	.1829465	3.003931	10.92095	16.29845	-.335944
#3	.6476281	.1913381	2.998569	11.22488	16.42849	-.335686

Reviewed By:Mohan
On:1/8/2025 7:28:17 AM
Inst Id :P5

Sample Name: P5080-10A Acquired: 01/06/2025 15:18:28 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v80) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLE8A Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0109059	3.662810	8.548684	.2940465	1.156946	.1059129
Stddev	.0007765	.019389	.062038	.0021303	.012445	.0013155
%RSD	7.119750	.5293404	.7257020	.7244746	1.075641	1.242042
#1	.0115450	3.667655	8.511219	.2929191	1.143298	.1052483
#2	.0111310	3.641459	8.620293	.2965036	1.167665	.1074281
#3	.0100418	3.679317	8.514539	.2927168	1.159877	.1050624

Elem	Li6707
Units	ppm
Avg	.1321218
Stddev	.0108230
%RSD	8.191657
#1	.1259277
#2	.1446189
#3	.1258188

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1912.808	16992.58	1554.743	1435.727	1615.354
Stddev	.546	60.61	11.989	7.057	4.262
%RSD	.0285209	.3567123	.7711317	.4915110	.2638159
#1	1913.386	16938.06	1558.855	1440.531	1616.923
#2	1912.734	16981.82	1541.239	1427.625	1618.608
#3	1912.303	17057.85	1564.135	1439.025	1610.530

Reviewed By:Mohan
On:1/8/2025 7:28:17 AM
Inst Id :P5

Sample Name: P5084-13A Acquired: 01/06/2025 15:22:15 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v80) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLX7A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1132720	.0441519	.9178806	.1623530	.0349749	79.35758	.9029190
Stddev	.0014808	.0046620	.0036513	.0043263	.0034527	.29640	.0038862
%RSD	1.307340	10.55905	.3977920	2.664749	9.871843	.3735017	.4304007
#1	.1130274	.0444237	.9139068	.1633127	.0382628	79.69801	.9039658
#2	.1119286	.0393600	.9210875	.1576274	.0352836	79.15680	.8986167
#3	.1148599	.0486721	.9186474	.1661189	.0313782	79.21794	.9061746

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0064278	.0046453	269.8457	.1551498	.1331286	.3154816	170.7333
Stddev	.0000741	.0001201	.4239	.0000778	.0012229	.0054480	.3156
%RSD	1.153316	2.585619	.1570892	.0501152	.9185578	1.726892	.1848396
#1	.0064987	.0047790	270.1339	.1551751	.1323811	.3212074	171.0550
#2	.0063508	.0045466	269.3590	.1552117	.1324648	.3103621	170.4243
#3	.0064340	.0046102	270.0443	.1550625	.1345398	.3148753	170.7206

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.307216	64.67226	.1978687	-.014726	.7029653	.1668017	.6917456
Stddev	.012117	.17452	.0006545	.001080	.0168221	.0078998	.0014821
%RSD	.1458600	.2698536	.3307770	7.332247	2.393015	4.736037	.2142536
#1	8.319463	64.86125	.1985487	-.014755	.7223426	.1735528	.6930439
#2	8.306951	64.63836	.1972431	-.015792	.6921056	.1581135	.6920619
#3	8.295234	64.51719	.1978144	-.013633	.6944477	.1687387	.6901308

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.029612	7.511755	-.338403	.0092206	1.223140	13.93938	.1012765
Stddev	.195670	.025891	.003204	.0008681	.006195	.13074	.0024494
%RSD	2.436849	.3446673	.9467373	9.414881	.5064721	.9379189	2.418563
#1	8.122164	7.485836	-.341077	.0082229	1.215987	14.04854	.0985398
#2	8.161836	7.511812	-.334852	.0098035	1.226667	13.79449	.1032635
#3	7.804836	7.537616	-.339280	.0096354	1.226766	13.97510	.1020261

Reviewed By:Mohan
On:1/8/2025 7:28:17 AM
Inst Id :P5

Sample Name: P5084-13A Acquired: 01/06/2025 15:22:15 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v80) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLX7A Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.8569652	.1732249	.1102758
Stddev	.0031878	.0016577	.0045575
%RSD	.3719818	.9569703	4.132846
#1	.8604744	.1751202	.1116396
#2	.8542482	.1725089	.1051921
#3	.8561731	.1720455	.1139958

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1940.941	17307.02	1598.109	1470.250	1584.632
Stddev	6.321	42.62	10.750	3.654	5.436
%RSD	.3256453	.2462749	.6726439	.2485063	.3430756
#1	1947.877	17352.26	1589.951	1467.227	1590.906
#2	1935.506	17267.62	1610.290	1469.212	1581.305
#3	1939.441	17301.18	1594.085	1474.310	1581.685

Reviewed By:Mohan
On:1/8/2025 7:28:17 AM
Inst Id :P5

Sample Name: P5086-07A Acquired: 01/06/2025 15:26:04 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v80) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLN2A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0911717	.0079181	.3073084	.2098935	.0512398	68.16230
Stddev	.0040224	.0066363	.0042048	.0042742	.0037933	.42572
%RSD	4.411856	83.81162	1.368270	2.036372	7.403072	.6245610
#1	.0955596	.0122777	.3119213	.2071934	.0468764	68.06072
#2	.0902963	.0002807	.3036899	.2076658	.0530900	67.79656
#3	.0876591	.0111958	.3063141	.2148214	.0537531	68.62961

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5498312	.0184482	.0027499	233.8261	.1293750	.1381641
Stddev	.0014536	.0001521	.0001318	.4942	.0003039	.0003622
%RSD	.2643730	.8243738	4.792543	.2113558	.2348779	.2621657
#1	.5493340	.0183979	.0026030	233.6015	.1291840	.1378568
#2	.5486914	.0183277	.0028578	233.4840	.1292156	.1380720
#3	.5514682	.0186191	.0027888	234.3927	.1297254	.1385635

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4057715	243.3045	4.570750	60.23299	.2179537	-.019772
Stddev	.0081579	.8565	.019624	.19547	.0016451	.001856
%RSD	2.010476	.3520217	.4293347	.3245173	.7548021	9.384402
#1	.4014836	243.1301	4.582826	60.30655	.2174257	-.021870
#2	.4006517	242.5486	4.548107	60.01142	.2197979	-.018346
#3	.4151792	244.2347	4.581317	60.38100	.2166373	-.019102

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7139223	.2215813	1.079097	11.01419	F 10.03541	-.477275
Stddev	.0116229	.0072432	.003934	.11872	.03230	.004973
%RSD	1.628027	3.268885	.3645533	1.077895	.3218982	1.041910
#1	.7254525	.2144298	1.075378	10.94797	10.05684	-.473965
#2	.7022090	.2289129	1.083215	10.94335	10.05115	-.474867
#3	.7141054	.2214011	1.078698	11.15126	9.99826	-.482993

Reviewed By:Mohan
On:1/8/2025 7:28:17 AM
Inst Id :P5

Sample Name: P5086-07A Acquired: 01/06/2025 15:26:04 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v80) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLN2A Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0064848	.7815521	9.232265	.0296671	1.400997	.0240221
Stddev	.0015718	.0051563	.049712	.0023468	.002367	.0005468
%RSD	24.23878	.6597531	.5384593	7.910331	.1689651	2.276180
#1	.0054330	.7759487	9.212122	.0315078	1.403727	.0236544
#2	.0082917	.7860971	9.195785	.0304691	1.399743	.0237615
#3	.0057296	.7826104	9.288887	.0270245	1.399521	.0246505

Elem	Li6707
Units	ppm
Avg	.1086241
Stddev	.0027023
%RSD	2.487759
#1	.1083563
#2	.1060656
#3	.1114503

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2089.787	18627.81	1703.779	1579.657	1581.846
Stddev	7.098	100.60	5.291	6.252	4.732
%RSD	.3396668	.5400305	.3105682	.3957726	.2991550
#1	2084.794	18533.22	1702.574	1578.138	1579.448
#2	2086.654	18616.73	1709.568	1574.305	1578.793
#3	2097.913	18733.49	1699.193	1586.529	1587.297

Reviewed By:Mohan
On:1/8/2025 7:28:17 AM
Inst Id :P5

Sample Name: P5089-01A Acquired: 01/06/2025 15:29:51 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v80) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLZ4A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6582805	-.026195	1.911712	.1915191	.0389023	78.71596
Stddev	.0021964	.002678	.007796	.0055109	.0001092	.66028
%RSD	.3336536	10.22420	.4078223	2.877477	.2806791	.8388151
#1	.6558235	-.028852	1.920033	.1929805	.0389913	78.50216
#2	.6589648	-.023496	1.904575	.1854248	.0389352	78.18907
#3	.6600533	-.026236	1.910528	.1961520	.0387805	79.45665

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.643515	.0076796	.0067567	40.47417	.1852679	.1243861
Stddev	.005759	.0002378	.0002552	.19485	.0005933	.0005902
%RSD	.3504140	3.096838	3.776619	.4814215	.3202588	.4744705
#1	1.643583	.0074764	.0070399	40.35719	.1858908	.1240983
#2	1.637722	.0076213	.0065447	40.36621	.1852037	.1250649
#3	1.649240	.0079412	.0066854	40.69910	.1847094	.1239950

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8590058	160.1434	8.923215	22.87117	.2241018	-.012485
Stddev	.0098014	1.2615	.087898	.18120	.0009560	.001130
%RSD	1.141018	.7877215	.9850449	.7922721	.4265772	9.047238
#1	.8589523	159.2595	8.858129	22.86368	.2237382	-.013723
#2	.8492313	159.5826	8.888313	22.69382	.2251862	-.011511
#3	.8688339	161.5880	9.023203	23.05600	.2233810	-.012222

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5607507	.1925822	1.032728	9.969420	F 14.22380	-.328363
Stddev	.0106946	.0125232	.006737	.099476	.01609	.002207
%RSD	1.907188	6.502803	.6523753	.9978108	.1131361	.6721313
#1	.5710842	.2041005	1.040469	9.898825	14.22951	-.327472
#2	.5497283	.1792516	1.029535	10.08319	14.20563	-.326741
#3	.5614396	.1943946	1.028182	9.92625	14.23626	-.330876

Reviewed By:Mohan
On:1/8/2025 7:28:17 AM
Inst Id :P5

Sample Name: P5089-01A Acquired: 01/06/2025 15:29:51 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v80) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLZ4A Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0169542	4.737307	9.631468	.0609688	1.132279	.1952504
Stddev	.0010963	.012366	.048902	.0003837	.008277	.0009097
%RSD	6.465942	.2610265	.5077282	.6293435	.7309936	.4659350
#1	.0166665	4.743531	9.652479	.0610636	1.129842	.1952752
#2	.0181656	4.723066	9.575573	.0605466	1.125494	.1943285
#3	.0160305	4.745325	9.666353	.0612962	1.141501	.1961475

Elem	Li6707
Units	ppm
Avg	.0950977
Stddev	.0024232
%RSD	2.548111
#1	.0956421
#2	.0972024
#3	.0924486

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1932.893	17163.96	1574.085	1445.273	1639.100
Stddev	4.965	29.39	8.071	6.129	5.209
%RSD	.2568569	.1712600	.5127455	.4240684	.3177824
#1	1932.274	17193.35	1571.340	1438.247	1637.616
#2	1938.138	17134.56	1583.170	1449.521	1644.890
#3	1928.267	17163.97	1567.745	1448.052	1634.794

Reviewed By:Mohan
On:1/8/2025 7:28:17 AM
Inst Id :P5

Sample Name: P5091-07A Acquired: 01/06/2025 15:33:37 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v80) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLS0A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1621276	.0298746	2.581973	.2290222	.0428645	79.98834
Stddev	.0046047	.0097711	.002857	.0050550	.0029851	.28653
%RSD	2.840173	32.70698	.1106711	2.207201	6.963995	.3582149
#1	.1673732	.0410478	2.585255	.2340495	.0394707	80.18289
#2	.1587523	.0256462	2.580034	.2239400	.0450834	79.65931
#3	.1602572	.0229299	2.580630	.2290770	.0440394	80.12283

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.344820	.0077806	.0212161	163.2175	.1569510	.1310368
Stddev	.006648	.0002027	.0001798	.2148	.0006594	.0004709
%RSD	.2835213	2.605116	.8472329	.1316325	.4201030	.3593730
#1	2.342458	.0080132	.0213860	162.9940	.1561897	.1312709
#2	2.352326	.0076418	.0212342	163.2361	.1573384	.1313448
#3	2.339675	.0076868	.0210279	163.4224	.1573250	.1304947

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3441262	196.6931	10.46798	42.11592	.2373678	-.015041
Stddev	.0050415	.9813	.01560	.27281	.0015171	.000503
%RSD	1.465021	.4988830	.1490297	.6477614	.6391244	3.344709
#1	.3497838	197.0592	10.47027	42.43085	.2385432	-.015562
#2	.3424851	195.5814	10.45136	41.95233	.2356552	-.014558
#3	.3401096	197.4387	10.48231	41.96457	.2379051	-.015003

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.385274	.1911368	4.789042	12.97573	F 21.89552	-.242425
Stddev	.027751	.0137133	.022677	.08975	.04738	.000666
%RSD	2.003314	7.174614	.4735171	.6916767	.2163939	.2748432
#1	1.388972	.1780978	4.800651	12.99915	21.93688	-.243068
#2	1.410991	.2054373	4.803565	12.87659	21.84382	-.241738
#3	1.355859	.1898753	4.762911	13.05145	21.90586	-.242467

Reviewed By:Mohan
On:1/8/2025 7:28:17 AM
Inst Id :P5

Sample Name: P5091-07A Acquired: 01/06/2025 15:33:37 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v80) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLS0A Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0150842	4.333519	9.329895	.1191937	.9592206	.1716397
Stddev	.0000665	.011948	.024825	.0019038	.0022270	.0010780
%RSD	.4405571	.2756997	.2660851	1.597250	.2321718	.6280707
#1	.0150194	4.345593	9.339557	.1186563	.9587319	.1728100
#2	.0151522	4.321702	9.348438	.1213084	.9572784	.1714218
#3	.0150812	4.333262	9.301692	.1176163	.9616514	.1706873

Elem	Li6707
Units	ppm
Avg	.1323460
Stddev	.0023412
%RSD	1.768966
#1	.1324035
#2	.1346579
#3	.1299767

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1941.474	17268.72	1592.024	1450.919	1604.605
Stddev	2.707	12.86	6.480	6.722	2.086
%RSD	.1394540	.0744573	.4070115	.4633152	.1299731
#1	1939.788	17254.29	1585.182	1443.929	1602.833
#2	1940.036	17272.87	1592.822	1451.491	1606.903
#3	1944.597	17278.98	1598.068	1457.336	1604.079

Reviewed By:Mohan
On:1/8/2025 7:28:17 AM
Inst Id :P5

Sample Name: P5121-01 Acquired: 01/06/2025 15:37:24 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v80) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHM42 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0884159	.0028314	2.560855	.0372298	.0305631	46.42338	.7177016
Stddev	.0066435	.0046960	.014743	.0067608	.0010078	.25907	.0057329
%RSD	7.513971	165.8544	.5757000	18.15962	3.297451	.5580657	.7987784
#1	.0937378	.0004524	2.569915	.0297062	.0317268	46.12923	.7144402
#2	.0809701	.0082407	2.568807	.0427956	.0299845	46.52330	.7143434
#3	.0905396	-.000199	2.543843	.0391878	.0299780	46.61761	.7243210

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0052687	.0106696	390.6754	.1318967	.1012777	.4026963	141.8106
Stddev	.0001114	.0001113	1.0988	.0019232	.0010058	.0082425	1.0919
%RSD	2.114085	1.042794	.2812641	1.458106	.9930705	2.046824	.7699653
#1	.0053928	.0106725	389.6410	.1299444	.1014478	.4043644	140.6538
#2	.0051773	.0105569	391.8289	.1319563	.1021876	.4099772	141.9548
#3	.0052360	.0107794	390.5562	.1337894	.1001978	.3937474	142.8233

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.107946	145.5558	.1894291	-.011629	.9077074	.1197382	5.614499
Stddev	.048963	.7090	.0020698	.000696	.0125382	.0171405	.036523
%RSD	.8016264	.4870880	1.092630	5.981917	1.381303	14.31497	.6505168
#1	6.053093	144.7533	.1918112	-.011033	.9122467	.1214741	5.595756
#2	6.123511	145.8168	.1884068	-.012393	.9173437	.1017958	5.591152
#3	6.147234	146.0973	.1880695	-.011462	.8935318	.1359446	5.656588

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.628184	9.288245	-.234867	.0127056	7.644997	8.708081	.1243463
Stddev	.021477	.043634	.002192	.0009920	.057763	.029854	.0009072
%RSD	.2230641	.4697714	.9332386	7.807738	.7555703	.3428305	.7295423
#1	9.605368	9.311253	-.235732	.0138146	7.667767	8.678841	.1252997
#2	9.648008	9.315559	-.236495	.0123997	7.687905	8.738513	.1242452
#3	9.631174	9.237923	-.232375	.0119026	7.579319	8.706888	.1234939

Reviewed By:Mohan
On:1/8/2025 7:28:17 AM
Inst Id :P5

Sample Name: P5121-01 Acquired: 01/06/2025 15:37:24 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v80) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHM42 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.7378102	.2676887	.0641582
Stddev	.0062557	.0024231	.0097191
%RSD	.8478793	.9051795	15.14864
#1	.7309504	.2649792	.0701217
#2	.7432000	.2696476	.0529431
#3	.7392803	.2684394	.0694098

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1693.731	15079.25	1405.518	1271.750	1518.206
Stddev	9.682	31.75	1.704	7.052	9.072
%RSD	.5716421	.2105382	.1212518	.5545468	.5975607
#1	1684.800	15060.94	1406.615	1274.760	1513.230
#2	1692.374	15115.91	1403.555	1276.798	1512.711
#3	1704.021	15060.90	1406.384	1263.692	1528.677

Reviewed By:Mohan
On:1/8/2025 7:28:17 AM
Inst Id :P5

Sample Name: P5121-02 Acquired: 01/06/2025 15:41:11 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v80) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHM43 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1400354	-.005679	4.335240	.0468513	.0428711	51.87614	.9609553
Stddev	.0008094	.006291	.021562	.0062169	.0020508	.06389	.0035614
%RSD	.5779924	110.7779	.4973671	13.26933	4.783599	.1231555	.3706148
#1	.1391415	-.012759	4.355992	.0421200	.0452215	51.83516	.9583085
#2	.1402458	-.000732	4.312951	.0538925	.0419457	51.94976	.9595531
#3	.1407188	-.003546	4.336778	.0445415	.0414462	51.84351	.9650045

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0070270	.0232942	603.2409	.1549054	.1169557	1.301715	175.7341
Stddev	.0002065	.0001062	1.0151	.0017427	.0004927	.018773	.6531
%RSD	2.938000	.4560649	.1682805	1.124978	.4212658	1.442159	.3716449
#1	.0070486	.0231786	602.5983	.1565442	.1175246	1.280158	175.1499
#2	.0072218	.0233164	604.4112	.1550972	.1166631	1.314464	176.4392
#3	.0068106	.0233876	602.7133	.1530748	.1166796	1.310524	175.6133

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.034356	285.8271	.2696121	-.012737	1.164986	.1757342	14.91043
Stddev	.019131	.3434	.0021238	.000553	.007881	.0077921	.07317
%RSD	.2719610	.1201431	.7877287	4.341876	.6765084	4.434053	.4907374
#1	7.016808	285.4306	.2683038	-.012311	1.174029	.1801495	14.83754
#2	7.054750	286.0216	.2684699	-.013362	1.159582	.1803158	14.90987
#3	7.031509	286.0291	.2720626	-.012539	1.161347	.1667371	14.98388

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.622927	9.159916	-.306923	.0144107	7.572315	8.872471	.1953521
Stddev	.252657	.039452	.004119	.0010885	.031482	.048559	.0026353
%RSD	3.314433	.4307029	1.342154	7.553645	.4157571	.5473041	1.348996
#1	7.331871	9.195097	-.311590	.0154391	7.591887	8.927827	.1949935
#2	7.751125	9.117261	-.303794	.0132706	7.535999	8.852527	.1929145
#3	7.785785	9.167388	-.305385	.0145224	7.589060	8.837059	.1981484

Reviewed By:Mohan
On:1/8/2025 7:28:17 AM
Inst Id :P5

Sample Name: P5121-02 Acquired: 01/06/2025 15:41:11 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v80) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHM43 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	1.082041	.3183544	.0722711
Stddev	.007540	.0016475	.0057272
%RSD	.6968520	.5174960	7.924634
#1	1.079153	.3184653	.0727041
#2	1.076373	.3199436	.0663396
#3	1.090599	.3166542	.0777695

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1673.887	14975.78	1401.909	1250.321	1438.136
Stddev	7.537	57.27	2.343	9.373	9.316
%RSD	.4502760	.3824078	.1671540	.7496620	.6477665
#1	1673.310	15020.64	1401.629	1261.143	1436.007
#2	1681.696	14911.27	1399.718	1244.989	1448.332
#3	1666.654	14995.43	1404.379	1244.829	1430.069

Reviewed By:Mohan
On:1/8/2025 7:28:17 AM
Inst Id :P5

Sample Name: P5121-03 Acquired: 01/06/2025 15:44:58 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v80) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHM44 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1685038	-.012511	2.350556	.0638793	.0345980	67.83240
Stddev	.0064290	.007193	.004708	.0045417	.0036974	.74261
%RSD	3.815352	57.48990	.2002860	7.109740	10.68683	1.094773
#1	.1723006	-.004382	2.355483	.0594728	.0315069	67.01388
#2	.1721299	-.018049	2.346103	.0685450	.0335930	68.02034
#3	.1610808	-.015103	2.350080	.0636202	.0386940	68.46299

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5911215	.0083340	.0525929	517.1953	.0991677	.1644037
Stddev	.0058086	.0001225	.0002816	4.4800	.0004449	.0009344
%RSD	.9826417	1.469446	.5354073	.8662180	.4486546	.5683556
#1	.5862006	.0082049	.0529180	512.4640	.0992086	.1638279
#2	.5896351	.0084485	.0524365	517.7495	.0995907	.1639013
#3	.5975289	.0083487	.0524243	521.3725	.0987037	.1654818

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3064602	202.9794	6.930634	99.09647	.2483250	-.016811
Stddev	.0166313	2.0838	.062304	.93085	.0002601	.000370
%RSD	5.426887	1.026619	.8989677	.9393357	.1047586	2.198684
#1	.2905249	200.8543	6.858935	98.02196	.2486016	-.016964
#2	.3051462	203.0644	6.961357	99.65712	.2480853	-.017079
#3	.3237094	205.0194	6.971609	99.61034	.2482882	-.016389

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.320477	.1799857	F 61.07805	11.99985	7.302272	-.323889
Stddev	.008153	.0017261	.16494	.05682	.008075	.004325
%RSD	.6174256	.9590031	.2700400	.4735175	.1105882	1.335251
#1	1.320351	.1819610	60.88773	12.01354	7.310732	-.328723
#2	1.312387	.1787678	61.16722	11.93744	7.301441	-.320389
#3	1.328692	.1792284	61.17920	12.04858	7.294645	-.322554

Reviewed By:Mohan
On:1/8/2025 7:28:17 AM
Inst Id :P5

Sample Name: P5121-03 Acquired: 01/06/2025 15:44:58 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v80) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHM44 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0124667	4.966998	9.362461	.0841604	.9473139	.4717607
Stddev	.0010054	.014035	.024357	.0007988	.0147218	.0042638
%RSD	8.064800	.2825580	.2601566	.9491459	1.554058	.9037968
#1	.0133528	4.983140	9.335737	.0839371	.9303146	.4669721
#2	.0113740	4.960174	9.368230	.0834970	.9558326	.4731640
#3	.0126734	4.957681	9.383415	.0850471	.9557945	.4751459

Elem	Li6707
Units	ppm
Avg	.1120711
Stddev	.0074938
%RSD	6.686680
#1	.1080252
#2	.1207183
#3	.1074698

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1737.448	15482.25	1445.837	1306.801	1486.970
Stddev	6.449	95.05	9.230	10.208	2.658
%RSD	.3711794	.6139516	.6384107	.7811769	.1787231
#1	1744.804	15544.41	1452.305	1315.758	1489.401
#2	1734.772	15529.50	1449.939	1308.959	1487.376
#3	1732.767	15372.83	1435.266	1295.686	1484.132

Reviewed By:Mohan
On:1/8/2025 7:28:17 AM
Inst Id :P5

Sample Name: P5121-04 Acquired: 01/06/2025 15:48:54 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v80) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHM45 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0798280	-.002686	.2954936	.0618742	.0367646	66.86296	.6792873
Stddev	.0018917	.002367	.0006138	.0021865	.0019755	.14274	.0023446
%RSD	2.369753	88.12402	.2077132	3.533780	5.373468	.2134760	.3451515
#1	.0788356	-.005204	.2961051	.0597195	.0372449	66.77302	.6813466
#2	.0786391	-.002348	.2954980	.0640911	.0384557	66.78831	.6797798
#3	.0820095	-.000506	.2948776	.0618119	.0345932	67.02754	.6767356

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0057611	.0040811	241.8321	.0979438	.1274336	.1734282	176.4601
Stddev	.0001197	.0001103	.3184	.0008876	.0004407	.0090780	.3132
%RSD	2.076993	2.701895	.1316473	.9062702	.3458320	5.234420	.1774996
#1	.0056469	.0040366	241.5161	.0984113	.1278259	.1650093	176.1957
#2	.0057509	.0042067	241.8274	.0985000	.1275182	.1830461	176.3786
#3	.0058856	.0040001	242.1527	.0969201	.1269567	.1722293	176.8060

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.24787	55.84549	.1848699	-.013973	.5924796	.1553772	.8909760
Stddev	.02658	.10601	.0019310	.001678	.0189494	.0049074	.0027422
%RSD	.2006058	.1898313	1.044535	12.00636	3.198314	3.158384	.3077791
#1	13.22002	55.93938	.1852651	-.014961	.6130680	.1580726	.8903077
#2	13.25064	55.73052	.1865727	-.014922	.5886016	.1497128	.8939907
#3	13.27295	55.86657	.1827718	-.012036	.5757692	.1583461	.8886298

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.575055	5.672821	-.353378	.0091927	1.086082	8.892541	.0249417
Stddev	.072898	.013836	.005285	.0002515	.002679	.073661	.0015871
%RSD	1.108704	.2439019	1.495432	2.736162	.2466273	.8283493	6.363258
#1	6.653538	5.670143	-.355858	.0094685	1.089161	8.968893	.0264153
#2	6.509461	5.660519	-.356967	.0091339	1.084794	8.886826	.0232614
#3	6.562165	5.687800	-.347310	.0089758	1.084290	8.821903	.0251485

Reviewed By:Mohan
On:1/8/2025 7:28:17 AM
Inst Id :P5

Sample Name: P5121-04 Acquired: 01/06/2025 15:48:54 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v80) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHM45 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.7430209	.1418887	.0989610
Stddev	.0019970	.0005900	.0002554
%RSD	.2687682	.4158083	.2580868
#1	.7433475	.1415866	.0987062
#2	.7448345	.1415110	.0989600
#3	.7408807	.1425686	.0992170

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1911.711	16920.57	1558.584	1429.475	1585.649
Stddev	.773	54.97	7.778	5.983	1.414
%RSD	.0404270	.3248985	.4990303	.4185359	.0891579
#1	1911.005	16930.65	1549.626	1436.329	1584.017
#2	1912.537	16969.81	1562.513	1426.796	1586.476
#3	1911.592	16861.26	1563.614	1425.299	1586.454

Reviewed By:Mohan
On:1/8/2025 7:28:17 AM
Inst Id :P5

Sample Name: P5121-05 Acquired: 01/06/2025 15:52:41 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v80) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHM46 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1866415	-.007400	15.08237	.0535688	.0471345	49.07236
Stddev	.0044618	.000198	.00385	.0035255	.0023960	.08727
%RSD	2.390570	2.669469	.0255360	6.581187	5.083335	.1778339
#1	.1846486	-.007174	15.08554	.0537939	.0494823	48.97459
#2	.1917525	-.007540	15.07809	.0499361	.0446931	49.10012
#3	.1835236	-.007487	15.08350	.0569763	.0472280	49.14237

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.396854	.0068715	.0052958	221.7211	.2995429	.1023727
Stddev	.007205	.0002905	.0001873	.3989	.0013743	.0002469
%RSD	.3006019	4.228372	3.536697	.1798923	.4588126	.2411895
#1	2.394903	.0071404	.0052183	221.4448	.2988215	.1023986
#2	2.404833	.0065633	.0055095	222.1784	.3011277	.1026057
#3	2.390825	.0069106	.0051598	221.5402	.2986794	.1021139

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.569370	178.7984	13.53860	52.81528	.1519139	-.014207
Stddev	.023970	.3305	.00441	.20677	.0007373	.001185
%RSD	1.527382	.1848187	.0325697	.3914938	.4853190	8.341859
#1	1.542244	178.4230	13.53734	52.62579	.1521138	-.013288
#2	1.587701	179.0455	13.54350	53.03582	.1525306	-.013789
#3	1.578164	178.9267	13.53496	52.78422	.1510973	-.015545

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.017855	.1605133	2.858705	4.765979	F 10.86989	-.352031
Stddev	.005363	.0045688	.004690	.055675	.02460	.003469
%RSD	.5268964	2.846363	.1640763	1.168168	.2262679	.9854886
#1	1.024014	.1553453	2.855203	4.775657	10.88553	-.348096
#2	1.015335	.1640152	2.864034	4.706100	10.84154	-.353347
#3	1.014217	.1621794	2.856879	4.816180	10.88260	-.354649

Reviewed By:Mohan
On:1/8/2025 7:28:17 AM
Inst Id :P5

Sample Name: P5121-05 Acquired: 01/06/2025 15:52:41 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v80) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHM46 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0158749	4.357889	8.901950	.4153503	1.106983	.3984304
Stddev	.0006548	.008237	.023769	.0005088	.005154	.0021707
%RSD	4.124815	.1890028	.2670040	.1224927	.4655459	.5448225
#1	.0166262	4.349968	8.890147	.4148580	1.102459	.3989028
#2	.0155732	4.357290	8.886393	.4158741	1.105898	.4003261
#3	.0154254	4.366408	8.929310	.4153188	1.112593	.3960624

Elem	Li6707
Units	ppm
Avg	.0724088
Stddev	.0084746
%RSD	11.70375
#1	.0821938
#2	.0674217
#3	.0676111

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1753.760	15698.65	1437.378	1321.138	1609.241
Stddev	8.089	102.85	4.277	9.667	6.145
%RSD	.4612233	.6551512	.2975339	.7317149	.3818759
#1	1754.678	15661.22	1433.826	1315.531	1609.996
#2	1761.350	15619.76	1436.182	1315.582	1614.973
#3	1745.251	15814.98	1442.125	1332.300	1602.753

Reviewed By:Mohan
On:1/8/2025 7:28:17 AM
Inst Id :P5

Sample Name: P5121-06 Acquired: 01/06/2025 15:56:28 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v80) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHM47 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1651895	-.010145	17.61763	.0370459	.0313515	46.93957	1.072410
Stddev	.0063286	.003905	.03183	.0080987	.0047468	.23822	.002457
%RSD	3.831090	38.49510	.1806888	21.86134	15.14061	.5074965	.2291061
#1	.1720817	-.010002	17.63339	.0279982	.0289993	47.13699	1.074752
#2	.1596401	-.014121	17.58099	.0395218	.0368151	47.00674	1.072626
#3	.1638467	-.006314	17.63851	.0436176	.0282402	46.67498	1.069852

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0084921	.0025976	120.8812	.0922692	.0802535	.2615906	136.7218
Stddev	.0000354	.0001969	.3383	.0021233	.0005313	.0137232	.8954
%RSD	.4173167	7.580270	.2798493	2.301180	.6620129	5.246061	.6549176
#1	.0085268	.0027147	120.8651	.0947060	.0805727	.2609787	137.4495
#2	.0084934	.0027078	121.2273	.0912853	.0796402	.2756095	136.9941
#3	.0084560	.0023703	120.5513	.0908164	.0805476	.2481836	135.7219

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.826551	20.92996	.1198682	-.012072	1.410880	.1398629	1.114846
Stddev	.020499	.09549	.0016394	.001048	.018153	.0095691	.010787
%RSD	.7252442	.4562442	1.367666	8.678736	1.286670	6.841746	.9675685
#1	2.843151	20.81973	.1195911	-.011276	1.402061	.1406945	1.109103
#2	2.832864	20.98722	.1183850	-.013259	1.431758	.1489890	1.108145
#3	2.803637	20.98294	.1216285	-.011680	1.398822	.1299051	1.127289

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.128685	4.749404	-.179162	.0158677	5.580279	5.685453	.1643357
Stddev	.196611	.014518	.001736	.0003545	.022200	.057963	.0025355
%RSD	6.284152	.3056702	.9688800	2.234271	.3978356	1.019489	1.542877
#1	3.078310	4.760226	-.181029	.0155530	5.594948	5.723512	.1669753
#2	3.345582	4.732906	-.177596	.0157983	5.554739	5.714104	.1641125
#3	2.962161	4.755081	-.178861	.0162518	5.591152	5.618745	.1619191

Reviewed By:Mohan
On:1/8/2025 7:28:17 AM
Inst Id :P5

Sample Name: P5121-06 Acquired: 01/06/2025 15:56:28 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v80) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHM47 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	1.825665	.4349974	.0670770
Stddev	.010183	.0015462	.0057893
%RSD	.5577901	.3554574	8.630757
#1	1.833944	.4360171	.0714350
#2	1.828757	.4357569	.0692878
#3	1.814294	.4332183	.0605081

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1700.650	15138.49	1381.838	1285.724	1687.021
Stddev	4.878	23.43	8.901	13.658	4.766
%RSD	.2868526	.1547401	.6441764	1.062262	.2825261
#1	1706.259	15131.60	1377.864	1294.009	1691.265
#2	1697.394	15164.59	1375.616	1293.202	1687.934
#3	1698.297	15119.29	1392.035	1269.960	1681.865

Reviewed By:Mohan
On:1/8/2025 7:28:17 AM
Inst Id :P5

Sample Name: P5121-07 Acquired: 01/06/2025 16:00:16 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v80) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHM48 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2103859	-.017119	4.454817	.0643930	.0477552	48.47532
Stddev	.0046584	.001717	.009131	.0054947	.0006354	.34958
%RSD	2.214211	10.03118	.2049737	8.533131	1.330459	.7211585
#1	.2068952	-.018546	4.464801	.0604871	.0483486	48.77480
#2	.2085870	-.015213	4.446890	.0706761	.0470849	48.55997
#3	.2156755	-.017598	4.452760	.0620159	.0478322	48.09118

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.331940	.0083974	.0035795	268.0807	.1051000	.2494991
Stddev	.006155	.0002724	.0001840	1.7152	.0007102	.0011215
%RSD	.4620778	3.244186	5.140194	.6398112	.6757238	.4495077
#1	1.334082	.0087118	.0036361	269.5408	.1043638	.2507288
#2	1.336737	.0082326	.0033739	268.5095	.1051553	.2492360
#3	1.325000	.0082477	.0037286	266.1918	.1057809	.2485326

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.017818	197.2441	5.956711	68.08199	.2845670	-.016397
Stddev	.016751	.7856	.054503	.52591	.0010359	.001434
%RSD	.5550588	.3982762	.9149890	.7724586	.3640257	8.745398
#1	3.036965	197.9554	5.998115	68.55233	.2842248	-.017738
#2	3.010623	197.3758	5.977056	68.17946	.2857307	-.014885
#3	3.005868	196.4009	5.894962	67.51416	.2837456	-.016566

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.338381	.1578269	1.278975	6.810803	F 10.08557	-.366748
Stddev	.019091	.0114826	.004415	.336718	.02415	.005390
%RSD	1.426419	7.275461	.3452113	4.943878	.2394648	1.469792
#1	1.360071	.1594085	1.282679	6.896398	10.11343	-.369160
#2	1.324127	.1684368	1.274089	7.096462	10.07051	-.370512
#3	1.330944	.1456355	1.280155	6.439548	10.07277	-.360573

Reviewed By:Mohan
On:1/8/2025 7:28:17 AM
Inst Id :P5

Sample Name: P5121-07 Acquired: 01/06/2025 16:00:16 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v80) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHM48 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0193675	6.243751	7.737627	.1904587	1.317242	.4319169
Stddev	.0009894	.010069	.085837	.0020097	.013215	.0039167
%RSD	5.108377	.1612647	1.109343	1.055183	1.003254	.9068087
#1	.0190443	6.255268	7.803331	.1907184	1.327434	.4330263
#2	.0185802	6.236616	7.769041	.1923259	1.321981	.4351591
#3	.0204781	6.239367	7.640508	.1883318	1.302311	.4275651

Elem	Li6707
Units	ppm
Avg	.0913830
Stddev	.0052755
%RSD	5.772916
#1	.0974663
#2	.0880668
#3	.0886158

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1735.306	15423.40	1431.401	1301.699	1575.936
Stddev	3.622	47.49	16.410	9.828	5.663
%RSD	.2087463	.3078943	1.146442	.7549869	.3593564
#1	1731.143	15381.12	1416.674	1291.975	1569.915
#2	1737.031	15474.78	1428.439	1311.627	1576.736
#3	1737.742	15414.29	1449.091	1301.494	1581.157

Reviewed By:Mohan
On:1/8/2025 7:28:17 AM
Inst Id :P5

Sample Name: P5121-08 Acquired: 01/06/2025 16:04:02 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v80) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHM49 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1274907	-.004439	3.228730	.0476053	.0434522	57.40123
Stddev	.0015772	.002969	.010136	.0052533	.0053659	.13515
%RSD	1.237127	66.87961	.3139247	11.03514	12.34889	.2354459
#1	.1271398	-.007503	3.236053	.0447906	.0490901	57.27432
#2	.1292138	-.004241	3.232975	.0536662	.0384078	57.38603
#3	.1261184	-.001575	3.217162	.0443591	.0428587	57.54334

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.584529	.0062441	.0127623	404.2087	.1997167	.1157472
Stddev	.008595	.0001207	.0002508	1.3860	.0003144	.0009204
%RSD	.5424265	1.933323	1.965381	.3428844	.1574382	.7952286
#1	1.574606	.0062229	.0127721	402.6460	.1997723	.1151886
#2	1.589367	.0061353	.0130081	405.2890	.1999997	.1168096
#3	1.589615	.0063740	.0125067	404.6911	.1993782	.1152435

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5728579	172.5591	7.599405	144.8608	.2465504	-.011352
Stddev	.0161824	.6608	.027041	.3037	.0005072	.001304
%RSD	2.824861	.3829642	.3558332	.2096440	.2057052	11.48411
#1	.5915420	171.8508	7.577377	144.7219	.2470266	-.009852
#2	.5632940	172.6672	7.591253	144.6514	.2466075	-.011995
#3	.5637376	173.1592	7.629584	145.2091	.2460171	-.012209

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.282613	.1702359	3.044135	10.57239	F 16.31923	-.271812
Stddev	.013323	.0119960	.023068	.17004	.02750	.002816
%RSD	1.038707	7.046670	.7577979	1.608324	.1684934	1.036069
#1	1.277970	.1801958	3.049011	10.49909	16.30354	-.269081
#2	1.297635	.1735928	3.064376	10.45130	16.35098	-.274706
#3	1.272232	.1569191	3.019019	10.76679	16.30318	-.271649

Reviewed By:Mohan
On:1/8/2025 7:28:17 AM
Inst Id :P5

Sample Name: P5121-08 Acquired: 01/06/2025 16:04:02 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v80) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHM49 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0161360	8.114722	8.984269	.2217286	1.018103	.3829761
Stddev	.0006121	.011269	.023123	.0012301	.002646	.0011385
%RSD	3.793094	.1388770	.2573668	.5547717	.2599222	.2972891
#1	.0168424	8.121530	8.960481	.2207230	1.015148	.3831563
#2	.0157995	8.120922	8.985663	.2213627	1.018906	.3840137
#3	.0157659	8.101714	9.006663	.2231001	1.020254	.3817582

Elem	Li6707
Units	ppm
Avg	.0765044
Stddev	.0048979
%RSD	6.402075
#1	.0715122
#2	.0813021
#3	.0766989

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1751.412	15622.06	1454.809	1324.366	1514.282
Stddev	4.696	45.93	5.227	6.929	3.529
%RSD	.2681259	.2940155	.3593129	.5232308	.2330218
#1	1747.010	15674.27	1459.179	1321.917	1512.339
#2	1750.872	15604.04	1456.230	1318.993	1512.153
#3	1756.355	15587.87	1449.018	1332.187	1518.355

Reviewed By:Mohan
On:1/8/2025 7:28:17 AM
Inst Id :P5

Sample Name: P5121-09 Acquired: 01/06/2025 16:07:49 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v80) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHM50 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1289044	-.006268	4.050683	.0545139	.0337947	54.91257
Stddev	.0034215	.004444	.011473	.0134175	.0050268	.15268
%RSD	2.654309	70.89098	.2832292	24.61293	14.87464	.2780373
#1	.1302848	-.007906	4.056806	.0684282	.0314799	54.73640
#2	.1314200	-.001238	4.037448	.0534580	.0395619	54.99491
#3	.1250083	-.009660	4.057795	.0416556	.0303422	55.00640

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.588802	.0062636	.0220099	463.7792	.1882065	.1261744
Stddev	.006259	.0000890	.0002016	.4455	.0001324	.0003466
%RSD	.3939457	1.420955	.9158263	.0960587	.0703472	.2746753
#1	1.594477	.0062151	.0219378	464.2187	.1883503	.1263869
#2	1.589842	.0063663	.0218543	463.3279	.1880895	.1263619
#3	1.582089	.0062094	.0222376	463.7910	.1881798	.1257745

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5197109	177.8001	8.051900	197.7551	.2409056	-.012986
Stddev	.0055395	.5277	.002231	.1792	.0009629	.002191
%RSD	1.065887	.2967875	.0277125	.0906353	.3996934	16.87043
#1	.5233545	177.9586	8.054303	197.6515	.2405855	-.012992
#2	.5224420	178.2304	8.049893	197.6517	.2401436	-.010792
#3	.5133361	177.2113	8.051506	197.9621	.2419878	-.015173

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.461345	.1690504	2.779353	8.282962	F 15.22836	-.289370
Stddev	.004023	.0122105	.021428	.053382	.03649	.001616
%RSD	.2753001	7.222973	.7709792	.6444802	.2396178	.5586151
#1	1.462676	.1567576	2.759983	8.335847	15.23380	-.289625
#2	1.456826	.1692170	2.775705	8.229097	15.18946	-.290844
#3	1.464535	.1811768	2.802371	8.283942	15.26183	-.287642

Reviewed By:Mohan
On:1/8/2025 7:28:17 AM
Inst Id :P5

Sample Name: P5121-09 Acquired: 01/06/2025 16:07:49 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v80) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHM50 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0139539	8.804006	8.249439	.6387331	.9304135	.3982992
Stddev	.0013117	.025495	.031298	.0041555	.0061016	.0005047
%RSD	9.400048	.2895811	.3793896	.6505791	.6557955	.1267006
#1	.0133767	8.817151	8.250422	.6433066	.9326212	.3987714
#2	.0130298	8.774621	8.280234	.6351894	.9235153	.3983589
#3	.0154552	8.820245	8.217662	.6377032	.9351039	.3977674

Elem	Li6707
Units	ppm
Avg	.0729466
Stddev	.0057284
%RSD	7.852899
#1	.0739286
#2	.0667907
#3	.0781206

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1739.054	15404.70	1455.930	1298.318	1477.974
Stddev	3.023	33.32	1.365	12.382	4.056
%RSD	.1738513	.2162888	.0937326	.9537255	.2744056
#1	1736.699	15416.22	1456.500	1307.039	1476.802
#2	1742.463	15430.74	1454.372	1303.771	1482.486
#3	1737.999	15367.15	1456.917	1284.145	1474.633

Reviewed By:Mohan
On:1/8/2025 7:28:17 AM
Inst Id :P5

Sample Name: P5121-13 Acquired: 01/06/2025 16:11:35 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v80) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHM52 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2376049	-.006482	10.04290	.0550637	.0434774	64.27252
Stddev	.0012629	.006371	.01965	.0071027	.0036235	.43061
%RSD	.5314942	98.28627	.1956349	12.89907	8.334141	.6699814
#1	.2388421	-.001382	10.06360	.0628872	.0398708	63.77930
#2	.2376548	-.013623	10.02452	.0532835	.0434439	64.57373
#3	.2363178	-.004441	10.04058	.0490204	.0471175	64.46451

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.231318	.0071600	.0147047	446.7869	.1636631	.1242690
Stddev	.011512	.0001171	.0000754	1.6704	.0010608	.0010929
%RSD	.5159111	1.635181	.5125142	.3738701	.6481768	.8794299
#1	2.219919	.0071931	.0147917	445.0144	.1648487	.1255307
#2	2.242939	.0072569	.0146628	448.3319	.1628037	.1236174
#3	2.231097	.0070299	.0146596	447.0145	.1633369	.1236588

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8152388	172.7866	8.883062	106.8454	.1872919	-.012577
Stddev	.0145438	.6587	.059507	.3766	.0008304	.002484
%RSD	1.783993	.3811932	.6698943	.3524697	.4433900	19.75045
#1	.8155243	172.0262	8.822439	106.4105	.1882318	-.014884
#2	.8005545	173.1526	8.941386	107.0622	.1869864	-.012899
#3	.8296379	173.1810	8.885362	107.0634	.1866575	-.009948

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.567042	.1894578	3.515394	8.692117	F 17.09630	-.280771
Stddev	.009095	.0114214	.001843	.084520	.03067	.005256
%RSD	.5803835	6.028452	.0524220	.9723791	.1793742	1.871867
#1	1.577412	.1985044	3.513459	8.647908	17.12940	-.283868
#2	1.563291	.1766238	3.517128	8.789573	17.06886	-.283742
#3	1.560423	.1932451	3.515594	8.638870	17.09063	-.274703

Reviewed By:Mohan
On:1/8/2025 7:28:17 AM
Inst Id :P5

Sample Name: P5121-13 Acquired: 01/06/2025 16:11:35 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v80) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHM52 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0114698	5.029327	8.718218	.6009423	1.017921	.5429560
Stddev	.0013706	.013629	.061356	.0048112	.009776	.0055089
%RSD	11.94933	.2709939	.7037656	.8006109	.9603688	1.014617
#1	.0108486	5.039783	8.665610	.6051494	1.007515	.5366023
#2	.0105199	5.013913	8.785617	.5956966	1.019334	.5463995
#3	.0130410	5.034285	8.703425	.6019808	1.026913	.5458662

Elem	Li6707
Units	ppm
Avg	.0760963
Stddev	.0015214
%RSD	1.999333
#1	.0777576
#2	.0757603
#3	.0747710

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1819.925	16210.84	1507.961	1367.288	1509.222
Stddev	3.736	18.03	10.576	5.143	7.659
%RSD	.2052677	.1112137	.7013401	.3761735	.5074553
#1	1816.859	16213.93	1519.169	1371.076	1502.183
#2	1824.086	16227.12	1498.158	1369.356	1517.378
#3	1818.831	16191.47	1506.555	1361.433	1508.104

Reviewed By:Mohan
On:1/8/2025 7:28:17 AM
Inst Id :P5

Sample Name: P5121-14 Acquired: 01/06/2025 16:15:22 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v80) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHM53 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3110414	-.011577	2.325838	.0949662	.0540703	66.76755
Stddev	.0053015	.001948	.012873	.0056408	.0011943	.31125
%RSD	1.704435	16.82249	.5534627	5.939838	2.208791	.4661667
#1	.3144195	-.009637	2.332758	.1014751	.0542783	67.05044
#2	.3137736	-.011562	2.333771	.0919224	.0527857	66.81809
#3	.3049312	-.013532	2.310986	.0915010	.0551470	66.43413

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.547133	.0066948	.0180087	282.8853	.1364546	.1761464
Stddev	.004435	.0002812	.0001865	.1910	.0005271	.0013318
%RSD	.1741118	4.200453	1.035598	.0675081	.3863086	.7560824
#1	2.547034	.0068744	.0182196	282.9326	.1370627	.1775688
#2	2.551617	.0068391	.0178655	283.0483	.1361273	.1759415
#3	2.542748	.0063707	.0179410	282.6752	.1361738	.1749289

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4337892	236.6492	18.21791	74.12653	.2323407	-.015439
Stddev	.0068362	.1221	.04233	.12943	.0015437	.000879
%RSD	1.575935	.0516164	.2323574	.1746126	.6644194	5.691964
#1	.4318429	236.5371	18.23738	74.18698	.2330395	-.014430
#2	.4413876	236.6310	18.24700	74.21469	.2334115	-.016037
#3	.4281373	236.7794	18.16934	73.97793	.2305712	-.015850

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.032263	.1868847	3.419353	7.740960	F 17.69472	-.467312
Stddev	.031364	.0029256	.021905	.094514	.05983	.010927
%RSD	3.038396	1.565450	.6406207	1.220954	.3381093	2.338277
#1	1.067755	.1871247	3.444645	7.849881	17.72973	-.479516
#2	1.008275	.1838465	3.406971	7.680586	17.72879	-.463987
#3	1.020761	.1896829	3.406443	7.692412	17.62564	-.458435

Reviewed By:Mohan
On:1/8/2025 7:28:17 AM
Inst Id :P5

Sample Name: P5121-14 Acquired: 01/06/2025 16:15:22 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v80) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHM53 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0150964	4.454369	8.792412	.1443747	.7788810	.2022442
Stddev	.0001716	.010960	.145981	.0024787	.0107117	.0017338
%RSD	1.136546	.2460523	1.660303	1.716854	1.375266	.8572715
#1	.0150131	4.463834	8.943274	.1463043	.7907522	.2035638
#2	.0152937	4.456913	8.782104	.1452405	.7759528	.2028883
#3	.0149823	4.442361	8.651859	.1415792	.7699379	.2002806

Elem	Li6707
Units	ppm
Avg	.0726258
Stddev	.0028012
%RSD	3.857087
#1	.0758539
#2	.0711886
#3	.0708349

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1969.610	17539.18	1615.604	1483.836	1565.059
Stddev	6.236	60.74	19.096	2.573	5.276
%RSD	.3166038	.3463042	1.181972	.1733752	.3371275
#1	1963.687	17609.20	1596.521	1482.385	1560.114
#2	1969.024	17507.56	1615.578	1486.807	1564.450
#3	1976.117	17500.77	1634.713	1482.317	1570.614

Reviewed By:Mohan
On:1/8/2025 7:28:17 AM
Inst Id :P5

Sample Name: P5121-15 Acquired: 01/06/2025 16:19:09 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v80) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHM54 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4575724	-.039969	.5541942	.1632001	.0678382	64.37215
Stddev	.0025206	.008181	.0034398	.0029102	.0008818	.13896
%RSD	.5508642	20.46774	.6206767	1.783228	1.299851	.2158692
#1	.4600410	-.049188	.5513174	.1608478	.0669561	64.47204
#2	.4550029	-.033575	.5580043	.1622978	.0678388	64.43096
#3	.4576734	-.037145	.5532609	.1664545	.0687196	64.21346

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.078364	.0077298	.0110099	220.6027	.1032306	.2165199
Stddev	.005356	.0000807	.0001535	.8134	.0007782	.0004619
%RSD	.1739811	1.044401	1.394250	.3687161	.7538096	.2133441
#1	3.084212	.0076496	.0109771	221.5112	.1038220	.2170501
#2	3.077183	.0077286	.0108755	220.3548	.1035207	.2163048
#3	3.073698	.0078111	.0111772	219.9422	.1023491	.2162047

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3067706	334.6495	26.55046	50.06302	.2281930	-.024277
Stddev	.0022690	.5432	.05508	.17309	.0013390	.001004
%RSD	.7396488	.1623268	.2074391	.3457442	.5867629	4.137013
#1	.3088719	335.2741	26.61378	50.25869	.2286176	-.023337
#2	.3070754	334.3877	26.52392	49.92991	.2292681	-.025335
#3	.3043646	334.2868	26.51367	50.00046	.2266932	-.024159

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8847362	.3048771	2.542855	4.706201	F 11.88395	-.713055
Stddev	.0119379	.0044532	.001861	.163642	.04815	.004854
%RSD	1.349316	1.460643	.0731666	3.477160	.4051825	.6807539
#1	.8979936	.3078855	2.542604	4.654148	11.93955	-.718350
#2	.8813776	.3069843	2.541133	4.889538	11.85553	-.712000
#3	.8748373	.2997614	2.544829	4.574916	11.85678	-.708815

Reviewed By:Mohan
On:1/8/2025 7:28:17 AM
Inst Id :P5

Sample Name: P5121-15 Acquired: 01/06/2025 16:19:09 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v80) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHM54 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0162229	1.454840	7.943870	.1593232	.8520332	-.078226
Stddev	.0008704	.007525	.032445	.0019246	.0068592	.000510
%RSD	5.365159	.5172390	.4084296	1.207993	.8050391	.6519085
#1	.0167686	1.462255	7.981015	.1606568	.8599268	-.077682
#2	.0152191	1.447210	7.921068	.1601959	.8475230	-.078693
#3	.0166810	1.455056	7.929527	.1571168	.8486499	-.078302

Elem	Li6707
Units	ppm
Avg	.0626002
Stddev	.0026885
%RSD	4.294717
#1	.0652528
#2	.0598771
#3	.0626709

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2091.783	18567.12	1706.892	1571.998	1610.958
Stddev	5.713	41.51	8.820	1.388	3.630
%RSD	.2730929	.2235646	.5167552	.0882996	.2253107
#1	2096.735	18599.49	1697.168	1570.401	1608.087
#2	2093.081	18581.54	1714.377	1572.671	1615.038
#3	2085.533	18520.32	1709.131	1572.921	1609.749

Reviewed By:Mohan
On:1/8/2025 7:28:17 AM
Inst Id :P5

Sample Name: P5121-16 Acquired: 01/06/2025 16:22:56 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v80) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHM55 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0801381	-.000764	.1620677	.0288733	.0288497	56.28281	.4531312
Stddev	.0020882	.002980	.0018155	.0096898	.0059166	.16657	.0049648
%RSD	2.605819	390.2462	1.120206	33.55985	20.50829	.2959578	1.095655
#1	.0823091	.002406	.1633358	.0189351	.0349893	56.09410	.4517537
#2	.0799614	-.001188	.1599880	.0293907	.0283751	56.34492	.4586393
#3	.0781438	-.003509	.1628794	.0382941	.0231847	56.40940	.4490007

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0050449	.0013792	511.4682	.0937436	.1278993	.2167353	156.9449
Stddev	.0001240	.0001574	1.5529	.0009340	.0008366	.0030893	.7278
%RSD	2.457851	11.41377	.3036068	.9963593	.6540955	1.425399	.4637222
#1	.0051406	.0014261	509.6765	.0933328	.1269416	.2161911	156.1184
#2	.0049048	.0012037	512.3040	.0948126	.1282691	.2139542	157.2262
#3	.0050892	.0015079	512.4242	.0930853	.1284873	.2200606	157.4901

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.168248	155.3848	.1749286	-.012454	.9535334	.1599791	.3592970
Stddev	.018668	.8183	.0010173	.001094	.0023083	.0034867	.0014481
%RSD	.3612090	.5266100	.5815303	8.786589	.2420775	2.179504	.4030485
#1	5.148137	154.4609	.1750664	-.013691	.9544246	.1612605	.3606465
#2	5.171584	155.6748	.1738495	-.011611	.9509124	.1626438	.3594772
#3	5.185023	156.0184	.1758700	-.012061	.9552633	.1560329	.3577671

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.640095	7.658702	-.304042	.0095744	.8243099	7.916125	.0281012
Stddev	.065452	.036964	.004735	.0013346	.0135708	.054447	.0005104
%RSD	.9857026	.4826391	1.557268	13.93931	1.646325	.6878018	1.816123
#1	6.687151	7.619627	-.299535	.0091415	.8087754	7.869247	.0279427
#2	6.667784	7.663367	-.303615	.0085100	.8338593	7.903282	.0286721
#3	6.565350	7.693112	-.308975	.0110718	.8302951	7.975845	.0276890

Reviewed By:Mohan
On:1/8/2025 7:28:17 AM
Inst Id :P5

Sample Name: P5121-16 Acquired: 01/06/2025 16:22:56 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v80) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHM55 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	1.023981	.4744099	.1026907
Stddev	.011341	.0023166	.0036960
%RSD	1.107582	.4883133	3.599184
#1	1.011243	.4718946	.1026665
#2	1.027721	.4748793	.0990068
#3	1.032981	.4764559	.1063987

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1760.733	15702.31	1471.274	1329.275	1473.280
Stddev	5.764	72.86	8.958	5.586	3.646
%RSD	.3273513	.4639831	.6088931	.4201943	.2475039
#1	1754.286	15622.53	1477.654	1322.871	1469.402
#2	1765.388	15719.07	1475.135	1331.811	1476.640
#3	1762.525	15765.32	1461.032	1333.142	1473.796

Reviewed By:Mohan
On:1/8/2025 7:28:17 AM
Inst Id :P5

Sample Name: P5121-17 Acquired: 01/06/2025 16:26:45 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v80) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHM56 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2388095	-.005174	8.981028	.0542349	.0444597	40.71833
Stddev	.0060671	.006696	.072999	.0024003	.0020484	.14062
%RSD	2.540546	129.4228	.8128130	4.425724	4.607300	.3453367
#1	.2332054	-.004949	9.022146	.0552305	.0454356	40.74987
#2	.2379709	.001407	8.896744	.0514970	.0458377	40.56462
#3	.2452523	-.011979	9.024193	.0559771	.0421059	40.84050

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.378823	.0059823	.0062923	221.8326	.1626500	.0943115
Stddev	.007421	.0002298	.0000932	.7549	.0006951	.0005215
%RSD	.5381801	3.841402	1.480601	.3403020	.4273912	.5529733
#1	1.372986	.0060992	.0062257	221.6179	.1626087	.0945041
#2	1.376310	.0061302	.0063987	221.2084	.1633648	.0937211
#3	1.387174	.0057175	.0062524	222.6716	.1619764	.0947093

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5391477	156.1649	4.608859	45.21854	.2165992	-.011451
Stddev	.0001826	.8126	.033624	.12814	.0028150	.002296
%RSD	.0338763	.5203189	.7295521	.2833879	1.299616	20.05492
#1	.5392687	156.2883	4.609541	45.34419	.2165084	-.012636
#2	.5392367	155.2977	4.574899	45.08804	.2138308	-.008804
#3	.5389376	156.9087	4.642137	45.22339	.2194585	-.012913

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7847369	.1563968	2.572200	4.827508	F 10.98443	-.253677
Stddev	.0103353	.0096820	.006248	.389776	.07711	.002237
%RSD	1.317034	6.190656	.2429164	8.074066	.7020133	.8816849
#1	.7953116	.1534364	2.576890	4.562733	11.02339	-.255024
#2	.7746590	.1485407	2.574601	4.644703	10.89561	-.254912
#3	.7842401	.1672134	2.565107	5.275088	11.03428	-.251095

Reviewed By:Mohan
On:1/8/2025 7:28:17 AM
Inst Id :P5

Sample Name: P5121-17 Acquired: 01/06/2025 16:26:45 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v80) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHM56 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0157507	6.966849	7.727513	.5517845	.9692961	.3661516
Stddev	.0009066	.057618	.038757	.0076410	.0045651	.0000985
%RSD	5.756201	.8270304	.5015464	1.384786	.4709703	.0268986
#1	.0167832	6.978220	7.759228	.5540147	.9662261	.3660607
#2	.0150846	6.904393	7.684311	.5432765	.9671201	.3661377
#3	.0153843	7.017934	7.739000	.5580623	.9745421	.3662562

Elem	Li6707
Units	ppm
Avg	.0464801
Stddev	.0016588
%RSD	3.568914
#1	.0450460
#2	.0460976
#3	.0482968

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1737.317	15419.58	1424.688	1304.354	1630.526
Stddev	14.389	83.25	6.781	.796	16.275
%RSD	.8282224	.5399241	.4759340	.0610128	.9981576
#1	1726.367	15467.66	1423.106	1305.162	1618.366
#2	1753.613	15323.45	1432.119	1303.571	1649.015
#3	1731.969	15467.64	1418.837	1304.328	1624.197

Reviewed By:Mohan
On:1/8/2025 7:28:17 AM
Inst Id :P5

Sample Name: CCV121 Acquired: 01/06/2025 16:30:32 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v80) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV121 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.020814	4.887169	25.01939	5.022177	4.997926	417.2971	10.40921
Stddev	.007332	.016547	.06495	.020969	.009297	.5597	.01163
%RSD	.1460375	.3385879	.2596076	.4175227	.1860235	.1341288	.1117751
#1	5.025844	4.868387	24.95392	5.002123	4.987844	416.6751	10.40007
#2	5.024197	4.899602	25.08381	5.043954	5.006162	417.7601	10.40524
#3	5.012401	4.893516	25.02042	5.020454	4.999772	417.4560	10.42231

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5209869	2.513667	421.1736	16.12783	2.540571	15.65491	425.0739
Stddev	.0037658	.008372	.3093	.01074	.011258	.03638	.2675
%RSD	.7228226	.3330715	.0734362	.0666150	.4431254	.2323935	.0629369
#1	.5249592	2.505372	421.4235	16.13803	2.529785	15.62342	425.2034
#2	.5174688	2.522115	421.2698	16.11661	2.552248	15.64657	425.2520
#3	.5205328	2.513513	420.8277	16.12884	2.539680	15.69473	424.7662

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.53918	421.2215	2.551760	1.293738	416.0998	2.581850	15.20008
Stddev	.03970	.3884	.005183	.003280	1.0202	.024456	.04316
%RSD	.2554864	.0921981	.2031016	.2535102	.2451848	.9472258	.2839456
#1	15.52500	421.5174	2.548652	1.297323	416.8360	2.553788	15.24812
#2	15.58402	420.7817	2.557743	1.290888	414.9352	2.598617	15.16457
#3	15.50852	421.3654	2.548886	1.293004	416.5281	2.593146	15.18755

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	158.4004	5.026787	4.568765	4.959580	5.066354	5.117417	5.076541
Stddev	.8077	.013691	.021205	.011926	.010854	.037224	.016313
%RSD	.5098964	.2723604	.4641276	.2404705	.2142416	.7274053	.3213355
#1	158.7008	5.012292	4.581256	4.955451	5.057320	5.149247	5.057826
#2	157.4856	5.039499	4.544281	4.973023	5.078395	5.076486	5.084051
#3	159.0149	5.028570	4.580758	4.950267	5.063346	5.126516	5.087746

Reviewed By:Mohan
On:1/8/2025 7:28:17 AM
Inst Id :P5

Sample Name: CCV121 Acquired: 01/06/2025 16:30:32 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v80) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV121 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	5.174723	4.937123	5.172701
Stddev	.003755	.006778	.020948
%RSD	.0725638	.1372765	.4049683
#1	5.172759	4.932371	5.163463
#2	5.179053	4.944884	5.157960
#3	5.172357	4.934115	5.196680

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1283.754	12456.49	1192.662	962.2932	1373.968
Stddev	3.002	43.94	2.367	2.0898	6.175
%RSD	.2338655	.3527645	.1984851	.2171657	.4494074
#1	1286.577	12489.66	1190.243	964.0472	1380.959
#2	1280.600	12406.66	1194.973	959.9810	1369.261
#3	1284.086	12473.17	1192.769	962.8513	1371.683

Reviewed By:Mohan
On:1/8/2025 7:28:17 AM
Inst Id :P5

Sample Name: CCB121 Acquired: 01/06/2025 16:44:57 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v80) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB121 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.006076	.0013526	-.000956	-.002399	.0040772	.0325828	-.000976
Stddev	.002672	.0020764	.002437	.005918	.0034160	.0545326	.004348
%RSD	43.97708	153.5041	255.0393	246.6388	83.78283	167.3659	445.6705
#1	-.002996	.0000611	.001805	-.003174	.0031439	.0365716	-.003873
#2	-.007456	.0037478	-.001862	-.007892	.0012249	.0850115	-.003078
#3	-.007775	.0002491	-.002810	.003867	.0078629	-.023835	.004024

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000184	-.000068	-.029858	.0000346	-.000563	-.021578	-.042669
Stddev	.000127	.000037	.034330	.0012669	.000356	.004943	.054796
%RSD	69.17369	54.89810	114.9763	3659.865	63.18939	22.90793	128.4200
#1	-.000120	-.000027	-.058173	.0006092	-.000520	-.024340	-.101521
#2	-.000102	-.000075	-.039727	.0009124	-.000230	-.024524	-.033367
#3	-.000331	-.000100	.008325	-.001418	-.000937	-.015871	.006880

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0020648	-.087035	.0008194	.0005602	-.173623	-.011556	.0018063
Stddev	.0021643	.010035	.0010620	.0016955	.029921	.013279	.0005778
%RSD	104.8167	11.52941	129.6183	302.6603	17.23334	114.9040	31.99035
#1	.0039477	-.089739	.0012261	.0025115	-.183149	-.022394	.0024508
#2	.0025465	-.095441	-.000386	-.000278	-.197620	.003256	.0013345
#3	-.000300	-.075926	.001618	-.000553	-.140098	-.015531	.0016336

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0720381	.0031312	.0016734	.0000273	.0014294	-.001267	-.000221
Stddev	.1427159	.0028860	.0016565	.0004292	.0046771	.000711	.000723
%RSD	198.1115	92.16655	98.98669	1573.860	327.2163	56.12876	326.7082
#1	.2366169	.0004773	.0034986	-.000018	-.000996	-.001388	-.000336
#2	-.017546	.0062035	.0002653	.000477	-.001536	-.001909	.000552
#3	-.002957	.0027129	.0012564	-.000378	.006821	-.000503	-.000880

Reviewed By:Mohan
On:1/8/2025 7:28:17 AM
Inst Id :P5

Sample Name: CCB121 Acquired: 01/06/2025 16:44:57 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v80) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB121 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.0080009	.0003072	-.001118
Stddev	.0013178	.0005469	.003720
%RSD	16.47086	178.0283	332.6531
#1	.0094457	.0002127	.000744
#2	.0076922	-.000186	.001303
#3	.0068649	.000895	-.005402

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1588.813	13981.02	1278.079	1194.785	1739.292
Stddev	3.692	27.55	9.342	8.898	2.528
%RSD	.2323456	.1970867	.7309750	.7447320	.1453427
#1	1592.971	14008.11	1273.023	1205.058	1742.157
#2	1585.922	13953.02	1288.860	1189.824	1738.340
#3	1587.545	13981.93	1272.355	1189.474	1737.378

Reviewed By:Mohan
On:1/8/2025 7:28:17 AM
Inst Id :P5

Sample Name: P5121-18 Acquired: 01/06/2025 16:48:58 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v80) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHM57 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2735172	-.006207	2.667855	.0412177	.0403597	36.27440	1.414993
Stddev	.0009001	.003720	.005411	.0033840	.0043455	.15863	.014199
%RSD	.3290709	59.92328	.2028097	8.209998	10.76700	.4373125	1.003485
#1	.2745500	-.004330	2.662050	.0402775	.0451067	36.32923	1.430493
#2	.2728999	-.010492	2.668757	.0449724	.0393944	36.39834	1.411872
#3	.2731018	-.003801	2.672759	.0384033	.0365780	36.09563	1.402614

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0061540	.0045722	121.6591	.1238650	.0803509	.6378958	130.8818
Stddev	.0002225	.0001445	.7692	.0036071	.0002725	.0045035	.4259
%RSD	3.614668	3.160342	.6322761	2.912142	.3391513	.7059896	.3254298
#1	.0059095	.0044093	122.5336	.1226872	.0800813	.6389684	131.3711
#2	.0063444	.0046224	121.3566	.1279138	.0806262	.6329529	130.5937
#3	.0062081	.0046849	121.0871	.1209939	.0803451	.6417662	130.6806

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.328953	28.42170	.1716876	-.010223	2.275105	.1232358	2.268605
Stddev	.016155	.30001	.0010319	.001934	.032543	.0164550	.061934
%RSD	.4852866	1.055584	.6010117	18.91740	1.430414	13.35246	2.730062
#1	3.345623	28.69528	.1728782	-.011294	2.310770	.1383169	2.231902
#2	3.327868	28.46896	.1711323	-.011385	2.267522	.1056859	2.340112
#3	3.313368	28.10086	.1710523	-.007991	2.247022	.1257045	2.233801

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.163602	8.751144	1.464093	.0158611	4.890463	6.424200	.1526797
Stddev	.208747	.016217	.008691	.0004012	.007209	.067739	.0021814
%RSD	6.598384	.1853107	.5936074	2.529499	.1474118	1.054433	1.428735
#1	2.923684	8.742959	1.472847	.0159297	4.898194	6.477302	.1512601
#2	3.303679	8.769822	1.463965	.0154300	4.889270	6.447386	.1551914
#3	3.263443	8.740651	1.455467	.0162236	4.883924	6.347913	.1515875

Reviewed By:Mohan
On:1/8/2025 7:28:17 AM
Inst Id :P5

Sample Name: P5121-18 Acquired: 01/06/2025 16:48:58 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v80) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHM57 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	1.001391	.3019010	.0439866
Stddev	.011765	.0035674	.0030320
%RSD	1.174889	1.181640	6.893002
#1	1.014545	.3057818	.0473606
#2	.991875	.3011568	.0414901
#3	.997752	.2987644	.0431092

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1728.262	15160.55	1412.376	1279.767	1675.970
Stddev	5.146	325.68	12.988	26.063	3.499
%RSD	.2977325	2.148185	.9195662	2.036523	.2087974
#1	1730.133	15326.61	1397.677	1296.919	1679.610
#2	1732.210	14785.32	1417.150	1249.776	1675.669
#3	1722.443	15369.73	1422.301	1292.607	1672.631

Reviewed By:Mohan
On:1/8/2025 7:28:17 AM
Inst Id :P5

Sample Name: P5121-19 Acquired: 01/06/2025 16:52:46 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v80) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHM58 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3635429	-.017265	3.613847	.0590601	.0476512	45.44800
Stddev	.0029817	.003241	.005544	.0029746	.0023425	.23884
%RSD	.8201651	18.77211	.1534199	5.036536	4.915911	.5255189
#1	.3612577	-.014862	3.610577	.0588465	.0495317	45.39981
#2	.3624554	-.020951	3.610716	.0621357	.0483946	45.23694
#3	.3669157	-.015982	3.620249	.0561980	.0450272	45.70726

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.872644	.0077292	.0061344	206.7861	.1574801	.1095879
Stddev	.004438	.0002573	.0000796	.6433	.0006624	.0010848
%RSD	.2369767	3.328697	1.298419	.3110792	.4206551	.9898555
#1	1.876172	.0080235	.0062259	206.9010	.1575557	.1083654
#2	1.867661	.0075472	.0060970	206.0932	.1567832	.1099627
#3	1.874098	.0076167	.0060803	207.3642	.1581016	.1104355

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6357013	179.8711	4.561167	47.24097	.2150653	-.016548
Stddev	.0141634	1.0332	.008367	.39321	.0014408	.000261
%RSD	2.227997	.5744057	.1834425	.8323422	.6699541	1.577068
#1	.6274478	179.1292	4.556774	46.87950	.2135771	-.016388
#2	.6276006	179.4329	4.555911	47.18377	.2164535	-.016850
#3	.6520556	181.0511	4.570815	47.65965	.2151652	-.016407

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.489088	.1984872	2.404668	3.747045	F 11.87028	-.318729
Stddev	.015019	.0134131	.014304	.153021	.00290	.004944
%RSD	1.008618	6.757676	.5948331	4.083783	.0244132	1.551153
#1	1.495826	.2139234	2.399818	3.579433	11.86699	-.324148
#2	1.471879	.1896720	2.420766	3.879278	11.87142	-.314464
#3	1.499557	.1918661	2.393419	3.782423	11.87244	-.317575

Reviewed By:Mohan
On:1/8/2025 7:28:17 AM
Inst Id :P5

Sample Name: P5121-19 Acquired: 01/06/2025 16:52:46 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v80) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHM58 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0154705	6.353016	7.602646	.2664024	1.248542	.4428205
Stddev	.0008459	.014873	.051320	.0011712	.011595	.0019069
%RSD	5.467782	.2341044	.6750302	.4396211	.9287217	.4306365
#1	.0157336	6.336050	7.647470	.2666996	1.256365	.4421215
#2	.0145243	6.363802	7.546665	.2673964	1.235220	.4413617
#3	.0161535	6.359197	7.613804	.2651113	1.254041	.4449783

Elem	Li6707
Units	ppm
Avg	.0621349
Stddev	.0028068
%RSD	4.517237
#1	.0651717
#2	.0596359
#3	.0615972

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1764.980	15708.02	1463.867	1337.095	1632.222
Stddev	2.671	62.98	12.155	3.675	1.178
%RSD	.1513188	.4009192	.8303291	.2748322	.0721598
#1	1761.931	15694.71	1453.279	1336.481	1632.448
#2	1766.105	15776.59	1477.140	1333.767	1633.270
#3	1766.904	15652.76	1461.183	1341.039	1630.948

Reviewed By:Mohan
On:1/8/2025 7:28:17 AM
Inst Id :P5

Sample Name: P5121-20 Acquired: 01/06/2025 16:56:33 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v80) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHM59 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0832867	-.007046	.9848285	.0338201	.0130510	25.57243	1.030725
Stddev	.0042010	.002805	.0032693	.0015170	.0024815	.14364	.003315
%RSD	5.044085	39.81082	.3319693	4.485565	19.01427	.5616874	.3216142
#1	.0802646	-.003828	.9816798	.0354602	.0101884	25.43011	1.029232
#2	.0880839	-.008334	.9882064	.0335327	.0145925	25.56982	1.028418
#3	.0815116	-.008976	.9845993	.0324673	.0143721	25.71735	1.034523

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0039537	.0017676	88.64959	.0510765	.0680230	.2614237	113.0655
Stddev	.0003247	.0000441	.33426	.0002744	.0005257	.0044693	.3365
%RSD	8.211590	2.495253	.3770524	.5372500	.7728081	1.709600	.2976516
#1	.0041100	.0018002	88.39076	.0513139	.0679291	.2563230	112.6894
#2	.0041707	.0017174	88.53105	.0511396	.0685893	.2646535	113.3382
#3	.0035805	.0017851	89.02696	.0507761	.0675506	.2632946	113.1689

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.392566	24.93548	.0917694	-.008282	2.462309	.0899147	.5711644
Stddev	.019111	.17895	.0002276	.002458	.008068	.0114053	.0028666
%RSD	.7987571	.7176527	.2479666	29.67419	.3276700	12.68454	.5018839
#1	2.377535	24.73485	.0915092	-.005601	2.455961	.0767457	.5685893
#2	2.386090	25.07862	.0918678	-.008817	2.471388	.0966111	.5706509
#3	2.414074	24.99298	.0919312	-.010427	2.459576	.0963873	.5742530

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.697846	4.979335	-.231690	.0118459	3.125334	4.428627	1.573828
Stddev	.209713	.007253	.005069	.0014274	.005756	.006716	.001468
%RSD	12.35169	.1456682	2.187751	12.04987	.1841813	.1516450	.0932665
#1	1.551487	4.985937	-.225981	.0103967	3.124216	4.427353	1.572904
#2	1.938099	4.980497	-.233427	.0132505	3.131567	4.422640	1.573059
#3	1.603951	4.971571	-.235662	.0118906	3.120219	4.435889	1.575520

Reviewed By:Mohan
On:1/8/2025 7:28:17 AM
Inst Id :P5

Sample Name: P5121-20 Acquired: 01/06/2025 16:56:33 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v80) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHM59 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.6612585	.3223121	.0251929
Stddev	.0075347	.0021564	.0063317
%RSD	1.139448	.6690579	25.13299
#1	.6570731	.3200866	.0322911
#2	.6567457	.3224575	.0231610
#3	.6699568	.3243922	.0201265

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1664.289	14768.29	1349.428	1255.082	1691.741
Stddev	5.095	73.75	4.226	7.664	5.581
%RSD	.3061442	.4993682	.3131401	.6106666	.3298923
#1	1665.375	14852.33	1354.140	1260.946	1696.341
#2	1668.754	14714.37	1345.976	1257.891	1693.352
#3	1658.739	14738.18	1348.166	1246.409	1685.533

Reviewed By:Mohan
On:1/8/2025 7:28:17 AM
Inst Id :P5

Sample Name: P5121-21 Acquired: 01/06/2025 17:00:21 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v80) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHM60 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0783824	.0042950	2.324601	.0327661	.0215729	48.13612	1.280983
Stddev	.0015620	.0041865	.008189	.0097206	.0008862	.27547	.006833
%RSD	1.992860	97.47344	.3522798	29.66673	4.107691	.5722645	.5334430
#1	.0770028	.0087197	2.315247	.0375895	.0207350	48.02234	1.273297
#2	.0800785	.0037688	2.330478	.0215771	.0214832	47.93577	1.286373
#3	.0780660	.0003965	2.328077	.0391317	.0225005	48.45025	1.283277

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0043698	.0034294	85.50756	.1115924	.0816907	.3593433	91.37690
Stddev	.0000777	.0001930	.35881	.0023601	.0007194	.0041155	.23137
%RSD	1.778864	5.626199	.4196245	2.114937	.8806362	1.145294	.2532031
#1	.0044276	.0032163	85.14096	.1091965	.0822393	.3625697	91.20261
#2	.0042814	.0034797	85.52367	.1116657	.0808762	.3607518	91.28869
#3	.0044003	.0035923	85.85804	.1139150	.0819566	.3547084	91.63940

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.567476	19.33885	.1196921	-.007903	1.360260	.1135892	.6947297
Stddev	.027859	.17893	.0005504	.001357	.033316	.0044401	.0080167
%RSD	.4242014	.9252480	.4598653	17.17171	2.449262	3.908945	1.153927
#1	6.563015	19.28547	.1197830	-.007327	1.398719	.1155712	.6909662
#2	6.542116	19.19268	.1201915	-.009453	1.340240	.1085032	.6892873
#3	6.597296	19.53840	.1191019	-.006929	1.341820	.1166931	.7039357

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.999045	9.046218	-.160446	.0119373	6.575307	8.524332	.3129679
Stddev	.079314	.034147	.005778	.0004106	.024032	.100381	.0013307
%RSD	1.983333	.3774778	3.601117	3.439430	.3654927	1.177579	.4251928
#1	3.975417	9.007542	-.167114	.0118331	6.548844	8.618950	.3118545
#2	3.934229	9.072202	-.156918	.0115890	6.581303	8.419041	.3126075
#3	4.087488	9.058909	-.157306	.0123900	6.595773	8.535006	.3144417

Reviewed By:Mohan
On:1/8/2025 7:28:17 AM
Inst Id :P5

Sample Name: P5121-21 Acquired: 01/06/2025 17:00:21 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v80) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHM60 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.5689918	.2641377	.0469010
Stddev	.0043435	.0014587	.0050477
%RSD	.7633714	.5522567	10.76254
#1	.5679473	.2632652	.0428486
#2	.5652657	.2633262	.0525554
#3	.5737623	.2658218	.0452992

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1946.375	17069.19	1575.841	1454.363	1685.767
Stddev	2.589	133.72	17.025	13.386	3.653
%RSD	.1329951	.7833966	1.080359	.9203952	.2166751
#1	1945.545	17195.79	1561.113	1461.306	1688.873
#2	1949.277	17082.44	1594.481	1462.852	1686.685
#3	1944.304	16929.34	1571.929	1438.933	1681.743

Reviewed By:Mohan
On:1/8/2025 7:28:17 AM
Inst Id :P5

Sample Name: P5121-22 Acquired: 01/06/2025 17:04:09 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v80) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHM61 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0949245	.0015110	1.717477	.0475013	.0296903	68.27420
Stddev	.0033104	.0015579	.000846	.0054997	.0028846	.20110
%RSD	3.487409	103.1097	.0492534	11.57807	9.715807	.2945444
#1	.0978787	.0029621	1.717376	.0413756	.0268946	68.06685
#2	.0955483	.0017061	1.718368	.0491139	.0295199	68.28737
#3	.0913466	-.000135	1.716685	.0520146	.0326564	68.46840

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.947412	.0051665	.0046767	192.3971	.1582037	.1105424
Stddev	.001025	.0002268	.0000669	.3962	.0003599	.0003753
%RSD	.0526534	4.388966	1.430398	.2059317	.2274702	.3395265
#1	1.946245	.0049048	.0047443	192.0274	.1580014	.1109742
#2	1.948165	.0053058	.0046105	192.3486	.1586192	.1103587
#3	1.947827	.0052888	.0046753	192.8154	.1579905	.1102944

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3054762	138.7931	8.045490	46.62179	.1547743	-.012386
Stddev	.0025102	.4496	.021708	.22835	.0017227	.000966
%RSD	.8217279	.3239375	.2698171	.4897930	1.113052	7.798408
#1	.3030047	138.5504	8.022975	46.41870	.1531740	-.011315
#2	.3054006	138.5171	8.047207	46.57769	.1565977	-.012652
#3	.3080233	139.3119	8.066289	46.86897	.1545511	-.013190

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.017158	.1319524	.7264054	5.483517	F 14.90349	-.255488
Stddev	.012664	.0149151	.0028466	.059990	.00543	.002951
%RSD	1.245013	11.30338	.3918708	1.094010	.0364146	1.155170
#1	1.030955	.1346316	.7296742	5.420223	14.90374	-.252252
#2	1.006064	.1453463	.7250694	5.539540	14.90878	-.256180
#3	1.014454	.1158793	.7244726	5.490788	14.89794	-.258032

Reviewed By:Mohan
On:1/8/2025 7:28:17 AM
Inst Id :P5

Sample Name: P5121-22 Acquired: 01/06/2025 17:04:09 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v80) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHM61 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0104907	6.537592	7.933369	.2568379	.5866255	.1943859
Stddev	.0009745	.006516	.032316	.0017557	.0021332	.0009404
%RSD	9.289100	.0996714	.4073444	.6836035	.3636391	.4837574
#1	.0105782	6.531898	7.908786	.2579899	.5875115	.1933007
#2	.0114186	6.536179	7.921348	.2548171	.5841921	.1948974
#3	.0094755	6.544698	7.969973	.2577066	.5881729	.1949596

Elem	Li6707
Units	ppm
Avg	.0787791
Stddev	.0016828
%RSD	2.136093
#1	.0769716
#2	.0790652
#3	.0803005

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2190.339	19451.90	1814.466	1662.088	1614.992
Stddev	1.075	29.35	2.083	8.728	3.203
%RSD	.0490689	.1509003	.1147885	.5251279	.1983133
#1	2189.329	19431.08	1813.036	1652.067	1611.589
#2	2191.468	19439.16	1816.856	1666.167	1615.440
#3	2190.220	19485.47	1813.507	1668.029	1617.947

Reviewed By:Mohan
On:1/8/2025 7:28:17 AM
Inst Id :P5

Sample Name: P5122-01 Acquired: 01/06/2025 17:07:56 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v80) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHM62 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0623433	.0186184	.1497898	.0490580	.0335539	40.73093
Stddev	.0003292	.0032292	.0013905	.0114673	.0012207	.34943
%RSD	.5279980	17.34438	.9283332	23.37501	3.638139	.8578948
#1	.0620071	.0220926	.1486074	.0416659	.0323372	40.80970
#2	.0623578	.0157084	.1513218	.0622681	.0347787	40.34884
#3	.0626650	.0180543	.1494400	.0432401	.0335458	41.03425

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8263900	.0028736	.0025011	651.1854	.0838903	.1108580
Stddev	.0105328	.0000748	.0001022	6.3000	.0008765	.0003436
%RSD	1.274559	2.601142	4.087399	.9674730	1.044855	.3099296
#1	.8313294	.0028008	.0026145	652.9586	.0839429	.1112505
#2	.8142952	.0029502	.0024727	644.1887	.0829886	.1107116
#3	.8335453	.0028697	.0024160	656.4088	.0847393	.1106118

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1206553	165.0021	22.62479	145.7097	.1418637	-.010941
Stddev	.0050172	1.4252	.19663	1.2097	.0002726	.000806
%RSD	4.158282	.8637304	.8690986	.8302134	.1921458	7.366740
#1	.1148949	165.2229	22.64956	145.3574	.1415588	-.010721
#2	.1240695	163.4793	22.41694	144.7153	.1419483	-.010268
#3	.1230017	166.3039	22.80786	147.0565	.1420839	-.011834

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.110402	.1219041	.2246519	5.236552	F 11.94170	-.314151
Stddev	.024905	.0037909	.0026090	.124704	.03244	.006100
%RSD	2.242891	3.109732	1.161328	2.381418	.2716313	1.941738
#1	1.108174	.1200039	.2271962	5.190105	11.96898	-.321000
#2	1.086686	.1194391	.2247767	5.141736	11.95029	-.309301
#3	1.136346	.1262693	.2219828	5.377814	11.90584	-.312154

Reviewed By:Mohan
On:1/8/2025 7:28:17 AM
Inst Id :P5

Sample Name: P5122-01 Acquired: 01/06/2025 17:07:56 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v80) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHM62 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0091498	1.489740	6.382404	.0277382	1.115926	.4303051
Stddev	.0011511	.003090	.065695	.0037859	.007560	.0037081
%RSD	12.58099	.2074302	1.029309	13.64873	.6774662	.8617268
#1	.0103273	1.491613	6.428575	.0249763	1.121017	.4300819
#2	.0080269	1.486174	6.307194	.0261845	1.107239	.4267136
#3	.0090953	1.491434	6.411444	.0320538	1.119522	.4341196

Elem	Li6707
Units	ppm
Avg	.0572058
Stddev	.0021086
%RSD	3.685938
#1	.0588316
#2	.0548233
#3	.0579625

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1812.027	16125.67	1522.209	1360.450	1479.970
Stddev	4.389	24.41	8.925	10.276	2.440
%RSD	.2421974	.1513696	.5863086	.7553683	.1648492
#1	1807.929	16144.72	1514.904	1352.938	1478.687
#2	1811.495	16098.16	1532.157	1356.250	1478.439
#3	1816.658	16134.14	1519.567	1372.161	1482.783

Reviewed By:Mohan
On:1/8/2025 7:28:17 AM
Inst Id :P5

Sample Name: P5122-02 Acquired: 01/06/2025 17:11:43 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v80) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHM63 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2000045	-.060289	11.39407	.1486106	.1244309	49.29572
Stddev	.0039448	.003698	.00647	.0112960	.0039694	.42485
%RSD	1.972367	6.133157	.0568198	7.601094	3.190070	.8618430
#1	.1957906	-.064522	11.38833	.1367068	.1214067	49.03139
#2	.2036094	-.058656	11.39279	.1591804	.1229603	49.06997
#3	.2006136	-.057689	11.40109	.1499446	.1289258	49.78579

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.085168	.0086260	.0109491	132.1030	.2376212	.1218969
Stddev	.019970	.0001796	.0001597	.8321	.0033724	.0005898
%RSD	.6472758	2.082197	1.458311	.6298638	1.419212	.4838461
#1	3.062296	.0086617	.0110425	131.2732	.2411568	.1222231
#2	3.094064	.0087852	.0110400	132.0984	.2372668	.1222515
#3	3.099143	.0084313	.0107647	132.9373	.2344401	.1212161

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7395818	323.7050	4.299631	34.32527	.3691118	-.029327
Stddev	.0026821	3.5205	.038410	.32744	.0016804	.001722
%RSD	.3626487	1.087561	.8933366	.9539319	.4552614	5.870147
#1	.7378175	320.9691	4.283751	34.07035	.3671943	-.028517
#2	.7382595	322.4690	4.271706	34.21091	.3703280	-.031304
#3	.7426682	327.6768	4.343434	34.69455	.3698131	-.028160

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.030957	.2212473	5.065912	7.765167	F 18.02193	-.640951
Stddev	.014270	.0070215	.025334	.159247	.01753	.006789
%RSD	1.384196	3.173595	.5000925	2.050789	.0972862	1.059192
#1	1.042446	.2161240	5.067995	7.922560	18.04100	-.647414
#2	1.035442	.2183670	5.090141	7.604129	18.01831	-.641560
#3	1.014983	.2292509	5.039601	7.768813	18.00650	-.633877

Reviewed By:Mohan
On:1/8/2025 7:28:17 AM
Inst Id :P5

Sample Name: P5122-02 Acquired: 01/06/2025 17:11:43 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v80) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHM63 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0283096	6.336318	8.059921	.3869798	1.236668	.1880954
Stddev	.0011180	.005542	.025225	.0020655	.014543	.0019589
%RSD	3.949051	.0874682	.3129721	.5337568	1.175943	1.041460
#1	.0288351	6.341811	8.085802	.3854558	1.221400	.1868988
#2	.0290681	6.330727	8.058556	.3861531	1.238247	.1870313
#3	.0270258	6.336415	8.035407	.3893307	1.250356	.1903561

Elem	Li6707
Units	ppm
Avg	.0670675
Stddev	.0013562
%RSD	2.022085
#1	.0682242
#2	.0655750
#3	.0674034

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1767.604	15734.07	1467.978	1331.657	1640.749
Stddev	4.082	25.30	3.255	8.150	4.813
%RSD	.2309311	.1607764	.2217571	.6120313	.2933569
#1	1763.863	15705.18	1471.317	1340.932	1638.170
#2	1766.990	15752.29	1467.804	1325.638	1637.775
#3	1771.958	15744.72	1464.813	1328.402	1646.302

Reviewed By:Mohan
On:1/8/2025 7:28:17 AM
Inst Id :P5

Sample Name: P5122-03 Acquired: 01/06/2025 17:15:30 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v80) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHM64 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1852646	-.029255	9.940732	.0915007	.0613767	55.19434
Stddev	.0047441	.004077	.022908	.0076465	.0017847	.78471
%RSD	2.560699	13.93527	.2304450	8.356739	2.907780	1.421720
#1	.1828567	-.024594	9.966549	.0991363	.0602121	54.76174
#2	.1822074	-.031016	9.932813	.0915225	.0604865	56.10014
#3	.1907297	-.032156	9.922835	.0838434	.0634313	54.72115

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.976159	.0074701	.0112051	165.1106	.2134320	.1123833
Stddev	.042155	.0001847	.0001550	2.3091	.0005110	.0003489
%RSD	1.416409	2.472119	1.383484	1.398505	.2394086	.3104621
#1	2.941689	.0076826	.0112450	163.1356	.2129129	.1123960
#2	3.023157	.0073488	.0110341	167.6494	.2139345	.1127257
#3	2.963630	.0073788	.0113364	164.5470	.2134487	.1120282

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6416418	215.2475	4.852714	41.50406	.2674729	-.017353
Stddev	.0143431	3.1454	.059379	.50951	.0013241	.002199
%RSD	2.235377	1.461313	1.223615	1.227624	.4950450	12.67491
#1	.6290588	213.5019	4.820047	41.08013	.2687412	-.015200
#2	.6572594	218.8786	4.921253	42.06932	.2675782	-.017262
#3	.6386072	213.3620	4.816841	41.36274	.2660993	-.019596

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9072707	.2336479	5.328221	8.011539	F 17.86453	-.395720
Stddev	.0278498	.0050286	.025883	.203973	.04593	.003266
%RSD	3.069621	2.152217	.4857788	2.545996	.2571177	.8253734
#1	.8754295	.2349962	5.357915	7.795688	17.91647	-.399441
#2	.9270919	.2280826	5.316309	8.201083	17.84787	-.394391
#3	.9192907	.2378649	5.310437	8.037845	17.82926	-.393327

Reviewed By:Mohan
On:1/8/2025 7:28:17 AM
Inst Id :P5

Sample Name: P5122-03 Acquired: 01/06/2025 17:15:30 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v80) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHM64 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0201115	6.407541	8.380850	.2690863	.9982595	.3589024
Stddev	.0006584	.027815	.073507	.0029439	.0151779	.0041389
%RSD	3.273830	.4340909	.8770886	1.094039	1.520434	1.153210
#1	.0197870	6.439169	8.347567	.2708014	.9833680	.3565985
#2	.0196784	6.386888	8.465112	.2707704	1.013708	.3636805
#3	.0208692	6.396567	8.329872	.2656870	.997702	.3564281

Elem	Li6707
Units	ppm
Avg	.0708062
Stddev	.0029246
%RSD	4.130366
#1	.0737686
#2	.0679210
#3	.0707291

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1824.993	16311.53	1498.251	1376.646	1661.445
Stddev	.712	21.27	11.300	6.143	.626
%RSD	.0390176	.1303680	.7542181	.4462487	.0376706
#1	1825.748	16335.73	1505.049	1369.926	1662.126
#2	1824.897	16295.85	1485.207	1381.974	1661.315
#3	1824.334	16303.00	1504.497	1378.039	1660.895

Reviewed By:Mohan
On:1/8/2025 7:28:17 AM
Inst Id :P5

Sample Name: P5122-04 Acquired: 01/06/2025 17:19:17 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v80) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHM65 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2199800	-.031455	10.14999	.0838159	.0662019	55.90453
Stddev	.0030630	.002236	.01580	.0014843	.0019314	.57788
%RSD	1.392424	7.107034	.1556829	1.770938	2.917519	1.033689
#1	.2194975	-.028909	10.13197	.0854323	.0656655	55.23874
#2	.2232556	-.032358	10.15652	.0835012	.0683448	56.19896
#3	.2171868	-.033097	10.16148	.0825141	.0645953	56.27590

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.168788	.0080306	.0124767	210.3944	.2394290	.1285441
Stddev	.021253	.0001750	.0001020	1.4678	.0003113	.0005455
%RSD	.6706829	2.178720	.8175990	.6976288	.1300211	.4243732
#1	3.144248	.0080846	.0125095	208.7231	.2392050	.1281920
#2	3.180992	.0078350	.0125582	211.4740	.2392977	.1291725
#3	3.181125	.0081721	.0123623	210.9861	.2397845	.1282679

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7008531	229.5528	5.073120	48.88296	.2932351	-.019141
Stddev	.0247331	1.7537	.046181	.38324	.0021032	.001525
%RSD	3.529001	.7639576	.9103075	.7839996	.7172474	7.964710
#1	.6756280	227.5284	5.020057	48.44056	.2912879	-.020822
#2	.7018684	230.5215	5.104225	49.11362	.2954656	-.017847
#3	.7250630	230.6084	5.095079	49.09469	.2929518	-.018756

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.091019	.2748170	5.488041	6.820147	F 17.73988	-.436397
Stddev	.006361	.0132704	.023256	.238730	.04325	.006415
%RSD	.5830257	4.828812	.4237556	3.500359	.2437962	1.469946
#1	1.089949	.2731302	5.514265	6.561722	17.69113	-.438372
#2	1.097846	.2624707	5.469921	6.866268	17.75489	-.441592
#3	1.085260	.2888502	5.479938	7.032452	17.77363	-.429227

Reviewed By:Mohan
On:1/8/2025 7:28:17 AM
Inst Id :P5

Sample Name: P5122-04 Acquired: 01/06/2025 17:19:17 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v80) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHM65 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0192338	5.779580	8.239437	.3605490	1.231756	.4558367
Stddev	.0007277	.014548	.049776	.0035984	.017383	.0039068
%RSD	3.783504	.2517064	.6041226	.9980209	1.411228	.8570680
#1	.0193987	5.764008	8.232009	.3571321	1.212829	.4513552
#2	.0184378	5.781912	8.292510	.3643049	1.247006	.4576301
#3	.0198649	5.792821	8.193792	.3602101	1.235435	.4585249

Elem	Li6707
Units	ppm
Avg	.0734282
Stddev	.0069256
%RSD	9.431786
#1	.0811719
#2	.0678272
#3	.0712854

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1796.152	15974.35	1482.128	1356.540	1644.116
Stddev	2.348	97.58	3.830	9.759	2.302
%RSD	.1307064	.6108606	.2583903	.7194229	.1400239
#1	1796.544	16005.82	1486.536	1353.754	1646.610
#2	1798.279	16052.31	1480.228	1367.389	1643.668
#3	1793.632	15864.91	1479.619	1348.476	1642.071

Reviewed By:Mohan
On:1/8/2025 7:28:17 AM
Inst Id :P5

Sample Name: P5122-05 Acquired: 01/06/2025 17:23:03 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v80) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHM66 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1498003	-.022042	3.811971	.0635510	.0448910	60.84849
Stddev	.0012409	.000772	.011341	.0031814	.0039696	.29120
%RSD	.8283424	3.503146	.2975227	5.006069	8.842766	.4785610
#1	.1489251	-.022101	3.824090	.0653119	.0410520	61.17413
#2	.1492553	-.022783	3.810212	.0654627	.0446415	60.61313
#3	.1512204	-.021242	3.801612	.0598785	.0489795	60.75820

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.147630	.0066842	.0099228	152.8229	.1695652	.1138897
Stddev	.007501	.0000320	.0001810	.4233	.0007244	.0006829
%RSD	.3492592	.4790395	1.824151	.2769804	.4272291	.5996190
#1	2.146703	.0066473	.0100234	153.2912	.1703801	.1143837
#2	2.155551	.0067049	.0100311	152.7102	.1689943	.1131104
#3	2.140636	.0067003	.0097138	152.4674	.1693211	.1141750

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6923635	175.2386	6.305678	36.69331	.1971576	-.011804
Stddev	.0106381	.6516	.036086	.18647	.0013279	.000905
%RSD	1.536491	.3718571	.5722811	.5081854	.6735214	7.665131
#1	.6897672	175.5546	6.338909	36.90337	.1986369	-.012128
#2	.6832639	174.4892	6.267291	36.54733	.1967675	-.010782
#3	.7040594	175.6720	6.310835	36.62922	.1960685	-.012502

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8502877	.1849440	2.627901	5.746519	F 19.30122	-.331066
Stddev	.0185084	.0025662	.009037	.270515	.07688	.002622
%RSD	2.176718	1.387556	.3438822	4.707460	.3983181	.7918473
#1	.8662595	.1825878	2.631202	5.501827	19.38942	-.332350
#2	.8300040	.1845658	2.634823	6.037010	19.24840	-.328050
#3	.8545996	.1876782	2.617677	5.700718	19.26585	-.332798

Reviewed By:Mohan
On:1/8/2025 7:28:17 AM
Inst Id :P5

Sample Name: P5122-05 Acquired: 01/06/2025 17:23:03 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v80) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHM66 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0157990	4.228735	9.045350	.2145235	.8336818	.4447637
Stddev	.0005874	.015675	.055345	.0030432	.0035550	.0014090
%RSD	3.717914	.3706761	.6118578	1.418601	.4264234	.3168042
#1	.0151668	4.245874	9.107943	.2157019	.8362440	.4463880
#2	.0159023	4.215125	9.002892	.2168014	.8351781	.4440321
#3	.0163279	4.225207	9.025213	.2110673	.8296232	.4438709

Elem	Li6707
Units	ppm
Avg	.0778422
Stddev	.0024211
%RSD	3.110235
#1	.0762375
#2	.0806270
#3	.0766619

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2012.055	17910.74	1651.646	1520.391	1669.423
Stddev	6.414	17.68	9.371	7.859	4.819
%RSD	.3187789	.0987106	.5673887	.5169291	.2886857
#1	2008.509	17911.07	1640.860	1517.087	1665.641
#2	2008.197	17892.89	1657.792	1514.724	1667.779
#3	2019.459	17928.25	1656.285	1529.363	1674.849

Reviewed By:Mohan
On:1/8/2025 7:28:17 AM
Inst Id :P5

Sample Name: P5122-06 Acquired: 01/06/2025 17:26:50 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v80) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHM67 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1307205	-.006301	1.956731	.0680609	.0348724	72.01281
Stddev	.0008986	.001562	.007215	.0022820	.0024080	.41527
%RSD	.6873793	24.78968	.3687099	3.352919	6.905152	.5766596
#1	.1301560	-.006506	1.949409	.0674209	.0375957	72.39495
#2	.1302489	-.007751	1.963833	.0705946	.0330249	72.07260
#3	.1317567	-.004647	1.956952	.0661672	.0339964	71.57089

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.099575	.0065604	.0109243	135.2432	.1608031	.1417387
Stddev	.009648	.0003078	.0000317	.5221	.0005654	.0002593
%RSD	.4595374	4.691337	.2898935	.3860637	.3516301	.1829421
#1	2.096623	.0064063	.0109084	135.1327	.1602888	.1414474
#2	2.110355	.0069148	.0109038	135.8118	.1614086	.1419442
#3	2.091748	.0063601	.0109608	134.7852	.1607120	.1418246

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3756931	171.2544	11.07868	36.57664	.2005412	-.011860
Stddev	.0057260	.7542	.06227	.09877	.0024453	.001346
%RSD	1.524126	.4403862	.5620651	.2700276	1.219369	11.34833
#1	.3697634	172.0682	11.13135	36.66393	.2008768	-.013326
#2	.3811910	171.1159	11.09474	36.59657	.2028013	-.010681
#3	.3761248	170.5791	11.00996	36.46943	.1979453	-.011572

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7700841	.1718655	1.486208	7.120394	F 16.97459	-.329222
Stddev	.0079393	.0077467	.004436	.066429	.02161	.006572
%RSD	1.030970	4.507439	.2984658	.9329434	.1272801	1.996193
#1	.7737064	.1677915	1.491277	7.182179	16.98672	-.328221
#2	.7755662	.1807991	1.483037	7.050134	16.98741	-.336237
#3	.7609796	.1670057	1.484310	7.128869	16.94965	-.323208

Reviewed By:Mohan
On:1/8/2025 7:28:17 AM
Inst Id :P5

Sample Name: P5122-06 Acquired: 01/06/2025 17:26:50 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v80) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHM67 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0179734	4.655871	8.885835	.2173081	.7853149	.2516057
Stddev	.0004631	.002266	.050920	.0015167	.0062063	.0015933
%RSD	2.576652	.0486678	.5730471	.6979340	.7902952	.6332404
#1	.0184737	4.654563	8.848613	.2190168	.7887720	.2529135
#2	.0175596	4.654563	8.943863	.2167863	.7890228	.2520724
#3	.0178871	4.658488	8.865027	.2161213	.7781500	.2498312

Elem	Li6707
Units	ppm
Avg	.0890894
Stddev	.0026871
%RSD	3.016151
#1	.0861594
#2	.0914386
#3	.0896702

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2270.045	20265.45	1870.853	1710.394	1648.089
Stddev	5.515	68.96	9.756	10.857	3.704
%RSD	.2429283	.3403002	.5214957	.6347762	.2247172
#1	2266.653	20187.36	1867.300	1698.214	1649.816
#2	2267.073	20318.00	1863.371	1719.056	1643.837
#3	2276.408	20290.99	1881.888	1713.912	1650.613

Reviewed By:Mohan
On:1/8/2025 7:28:17 AM
Inst Id :P5

Sample Name: P5122-07 Acquired: 01/06/2025 17:30:37 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v80) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHM68 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0692862	.0080440	.2439991	.0392149	.0257383	62.25420	.7759469
Stddev	.0070694	.0063974	.0069666	.0068449	.0013439	.36734	.0038399
%RSD	10.20319	79.52964	2.855153	17.45481	5.221569	.5900678	.4948648
#1	.0768878	.0017827	.2404258	.0314931	.0242556	61.90107	.7746175
#2	.0629089	.0077800	.2395443	.0445361	.0260829	62.63427	.7802748
#3	.0680619	.0145693	.2520273	.0416156	.0268763	62.22726	.7729484

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0044888	.0027775	707.9622	.1082213	.1320657	.1914282	153.1034
Stddev	.0001886	.0001287	5.4962	.0016076	.0015380	.0078146	1.0793
%RSD	4.201304	4.634651	.7763456	1.485456	1.164580	4.082253	.7049304
#1	.0046213	.0028328	701.8602	.1092080	.1322729	.1907553	151.8832
#2	.0045723	.0026304	712.5241	.1063663	.1304346	.1839718	153.9330
#3	.0042729	.0028694	709.5023	.1090897	.1334897	.1995574	153.4939

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.04137	152.3258	.1902384	-.014373	1.267235	.1492310	.4534814
Stddev	.08632	1.1579	.0034259	.002616	.023397	.0063092	.0049536
%RSD	.8595967	.7601558	1.800850	18.19929	1.846271	4.227837	1.092346
#1	9.96501	151.1737	.1916175	-.011353	1.240266	.1507516	.4541387
#2	10.13502	153.4895	.1863379	-.015906	1.279329	.1423005	.4482320
#3	10.02408	152.3141	.1927598	-.015859	1.282108	.1546411	.4580735

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.198968	7.273571	-.277265	.0066739	1.415133	6.868444	.0323610
Stddev	.099693	.062017	.003530	.0008646	.014771	.053243	.0015950
%RSD	1.215916	.8526375	1.273160	12.95454	1.043824	.7751796	4.928781
#1	8.180422	7.280434	-.274800	.0075525	1.418112	6.816468	.0306081
#2	8.306632	7.208408	-.281309	.0066449	1.399099	6.922869	.0337268
#3	8.109851	7.331872	-.275687	.0058241	1.428188	6.865995	.0327481

Reviewed By:Mohan
On:1/8/2025 7:28:17 AM
Inst Id :P5

Sample Name: P5122-07 Acquired: 01/06/2025 17:30:37 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v80) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHM68 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	1.193053	.6316653	.1215570
Stddev	.013177	.0050901	.0041986
%RSD	1.104497	.8058232	3.454022
#1	1.179243	.6264398	.1168339
#2	1.205491	.6366082	.1248658
#3	1.194423	.6319480	.1229713

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1797.682	15862.75	1516.613	1352.245	1451.048
Stddev	12.949	75.28	11.525	10.669	14.559
%RSD	.7203084	.4745678	.7599162	.7889890	1.003309
#1	1797.404	15875.50	1527.216	1354.591	1448.096
#2	1810.769	15930.83	1504.346	1361.546	1466.857
#3	1784.875	15781.90	1518.276	1340.598	1438.192

Reviewed By:Mohan
On:1/8/2025 7:28:17 AM
Inst Id :P5

Sample Name: P5122-08 Acquired: 01/06/2025 17:34:25 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v80) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHM69 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0435766	.0199426	.1642384	.0223915	.0210625	49.97731
Stddev	.0054510	.0044188	.0012298	.0045086	.0026491	.43891
%RSD	12.50895	22.15766	.7487948	20.13529	12.57751	.8782257
#1	.0492110	.0163222	.1634240	.0274971	.0236845	49.51299
#2	.0383298	.0186390	.1636382	.0207201	.0183870	50.03354
#3	.0431891	.0248666	.1656531	.0189573	.0211159	50.38540

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6017008	.0040450	.0023160	F 1000.887	.1033676	.1189335
Stddev	.0025264	.0001125	.0001147	8.270	.0005057	.0001675
%RSD	.4198724	2.781134	4.953561	.8262723	.4891964	.1408719
#1	.5990086	.0039153	.0024389	991.887	.1029934	.1191055
#2	.6020741	.0041168	.0022972	1002.622	.1031666	.1189242
#3	.6040198	.0041028	.0022118	1008.151	.1039429	.1187708

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1976747	127.6788	8.171072	229.8200	.1585654	-.011307
Stddev	.0052724	1.5778	.072702	2.3834	.0004906	.001218
%RSD	2.667226	1.235787	.8897433	1.037071	.3093791	10.77282
#1	.1916632	126.2912	8.092696	227.8028	.1591238	-.012503
#2	.1998467	127.3500	8.184213	229.2072	.1583689	-.011352
#3	.2015141	129.3951	8.236306	232.4499	.1582036	-.010068

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.603874	.1194176	.4226759	7.416355	F 10.73446	-.216319
Stddev	.024614	.0154518	.0038656	.181631	.01253	.005638
%RSD	1.534645	12.93931	.9145505	2.449060	.1167687	2.606115
#1	1.575524	.1145478	.4259421	7.388064	10.73416	-.212724
#2	1.616302	.1367176	.4236774	7.250531	10.74714	-.213416
#3	1.619796	.1069874	.4184080	7.610472	10.72208	-.222816

Reviewed By:Mohan
On:1/8/2025 7:28:17 AM
Inst Id :P5

Sample Name: P5122-08 Acquired: 01/06/2025 17:34:25 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v80) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHM69 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0057362	1.596717	6.223105	.0292360	.8949934	1.129268
Stddev	.0004771	.007266	.090264	.0038183	.0084451	.010880
%RSD	8.317650	.4550672	1.450468	13.06016	.9435877	.9634739
#1	.0053669	1.598141	6.153314	.0264601	.8857036	1.117189
#2	.0055668	1.588845	6.190959	.0335904	.9022061	1.132317
#3	.0062749	1.603166	6.325042	.0276574	.8970705	1.138299

Elem	Li6707
Units	ppm
Avg	.0987340
Stddev	.0007913
%RSD	.8014914
#1	.0990624
#2	.0993083
#3	.0978313

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1753.227	15639.22	1474.539	1309.659	1418.954
Stddev	5.650	76.20	16.297	11.657	2.191
%RSD	.3222504	.4872061	1.105210	.8900625	.1544174
#1	1751.463	15553.16	1484.167	1298.012	1418.702
#2	1748.670	15666.44	1483.726	1309.642	1416.900
#3	1759.549	15698.07	1455.723	1321.325	1421.261

Reviewed By:Mohan
On:1/8/2025 7:28:17 AM
Inst Id :P5

Sample Name: P5122-09 Acquired: 01/06/2025 17:38:20 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v80) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHMC6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1702754	-.018244	9.279947	.0787781	.0565356	51.64049
Stddev	.0070981	.002347	.022117	.0099332	.0021032	.21386
%RSD	4.168588	12.86214	.2383304	12.60906	3.720081	.4141389
#1	.1746218	-.020688	9.254835	.0894654	.0555623	51.75475
#2	.1741200	-.016009	9.288477	.0770406	.0589492	51.77295
#3	.1620843	-.018036	9.296528	.0698283	.0550955	51.39376

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.593379	.0074136	.0147997	211.2338	.1953036	.1111131
Stddev	.005455	.0000423	.0000615	.5845	.0014096	.0007599
%RSD	.2103462	.5700416	.4158050	.2767175	.7217424	.6838884
#1	2.599086	.0073769	.0147929	211.7596	.1937101	.1102409
#2	2.588217	.0074598	.0148643	211.3375	.1958129	.1116324
#3	2.592835	.0074042	.0147418	210.6044	.1963877	.1114659

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5475465	206.0339	5.745627	59.85293	.3002146	-.016760
Stddev	.0114726	.5786	.019093	.49102	.0023189	.001010
%RSD	2.095265	.2808225	.3323020	.8203759	.7724088	6.025976
#1	.5561396	206.5940	5.748402	59.70522	.2975380	-.015624
#2	.5345185	206.0693	5.763180	60.40086	.3014895	-.017099
#3	.5519814	205.4385	5.725298	59.45273	.3016164	-.017556

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8257136	.2032091	4.774001	8.424990	F 14.33505	-.374686
Stddev	.0297681	.0195983	.016843	.084955	.02796	.002339
%RSD	3.605136	9.644393	.3528073	1.008373	.1950508	.6242729
#1	.7962305	.1849657	4.759341	8.328149	14.30644	-.373185
#2	.8251515	.2239272	4.770263	8.486965	14.33640	-.377381
#3	.8557587	.2007343	4.792399	8.459857	14.36231	-.373492

Reviewed By:Mohan
On:1/8/2025 7:28:17 AM
Inst Id :P5

Sample Name: P5122-09 Acquired: 01/06/2025 17:38:20 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v80) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHMC6 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0163402	6.921706	7.536689	.3118250	1.162637	.3260414
Stddev	.0005135	.007874	.036228	.0014031	.008023	.0008897
%RSD	3.142792	.1137564	.4806890	.4499640	.6901111	.2728784
#1	.0159772	6.913824	7.503701	.3102445	1.157693	.3270075
#2	.0169278	6.921723	7.575461	.3123066	1.171895	.3258608
#3	.0161155	6.929572	7.530905	.3129239	1.158324	.3252558

Elem	Li6707
Units	ppm
Avg	.0752392
Stddev	.0244905
%RSD	32.55024
#1	.0611758
#2	.0610235
#3	.1035183

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1795.251	15895.34	1476.434	1342.725	1638.876
Stddev	4.364	18.69	6.648	.479	5.414
%RSD	.2430966	.1175511	.4502437	.0356991	.3303677
#1	1799.930	15875.30	1479.384	1342.896	1645.113
#2	1791.291	15912.28	1468.823	1343.096	1636.132
#3	1794.531	15898.43	1481.097	1342.184	1635.383

Reviewed By:Mohan
On:1/8/2025 7:28:17 AM
Inst Id :P5

Sample Name: P5122-10 Acquired: 01/06/2025 17:42:06 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v80) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHMC7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1919135	-.022050	10.88823	.0786784	.0585355	51.98086
Stddev	.0012875	.002909	.02611	.0053185	.0044627	.94928
%RSD	.6708471	13.19447	.2398028	6.759744	7.623932	1.826207
#1	.1925799	-.019904	10.89096	.0846136	.0628018	51.81609
#2	.1904294	-.020884	10.86086	.0770771	.0589052	51.12475
#3	.1927311	-.025361	10.91286	.0743446	.0538994	53.00173

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.553555	.0077388	.0142764	284.3322	.2035467	.1167385
Stddev	.034574	.0002893	.0001142	4.6323	.0006887	.0002295
%RSD	1.353974	3.738695	.7998357	1.629197	.3383521	.1965605
#1	2.545726	.0074451	.0141777	283.6051	.2041378	.1169291
#2	2.523566	.0077477	.0144015	280.1064	.2037120	.1168026
#3	2.591372	.0080236	.0142500	289.2851	.2027904	.1164838

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5946122	219.2249	6.579848	68.80172	.3261490	-.017825
Stddev	.0216424	3.8514	.117715	1.33743	.0017937	.000727
%RSD	3.639754	1.756814	1.789016	1.943896	.5499597	4.081169
#1	.6132907	218.2037	6.568358	68.78701	.3259482	-.017903
#2	.5708949	215.9871	6.468300	67.47171	.3244642	-.018510
#3	.5996511	223.4840	6.702887	70.14645	.3280347	-.017062

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9617654	.1966851	5.049704	7.798951	F 13.35041	-.408213
Stddev	.0112705	.0075087	.016021	.280222	.04087	.007754
%RSD	1.171853	3.817606	.3172708	3.593068	.3061433	1.899487
#1	.9565629	.1891362	5.065612	7.664700	13.34433	-.401360
#2	.9540359	.2041529	5.033572	7.611113	13.31293	-.406649
#3	.9746974	.1967662	5.049928	8.121041	13.39399	-.416630

Reviewed By:Mohan
On:1/8/2025 7:28:17 AM
Inst Id :P5

Sample Name: P5122-10 Acquired: 01/06/2025 17:42:06 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v80) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHMC7 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0149689	6.186742	7.945201	.2812606	1.047366	.3691955
Stddev	.0003370	.006470	.155804	.0004701	.014742	.0079109
%RSD	2.251200	.1045789	1.960978	.1671244	1.407529	2.142727
#1	.0152753	6.180738	7.850044	.2807692	1.048475	.3696255
#2	.0146080	6.185896	7.860552	.2817059	1.032101	.3610784
#3	.0150234	6.193594	8.125005	.2813067	1.061523	.3768826

Elem	Li6707
Units	ppm
Avg	.0644056
Stddev	.0063755
%RSD	9.898961
#1	.0573063
#2	.0696426
#3	.0662680

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1767.360	15806.82	1468.343	1332.936	1594.129
Stddev	.949	58.76	28.170	12.326	4.827
%RSD	.0536908	.3717228	1.918522	.9247264	.3027984
#1	1766.424	15739.02	1476.828	1320.345	1592.185
#2	1767.334	15838.44	1491.296	1344.979	1599.625
#3	1768.321	15843.00	1436.905	1333.483	1590.577

Reviewed By:Mohan
On:1/8/2025 7:28:17 AM
Inst Id :P5

Sample Name: P5122-11 Acquired: 01/06/2025 17:45:52 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v80) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHMC8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2665939	-.041934	32.79354	.1146549	.0739231	54.19699
Stddev	.0037680	.002113	.07170	.0027247	.0017611	.53946
%RSD	1.413401	5.038335	.2186521	2.376470	2.382342	.9953668
#1	.2648684	-.041744	32.82065	.1170040	.0735012	54.37834
#2	.2709157	-.039923	32.71224	.1116677	.0724114	54.62240
#3	.2639976	-.044136	32.84774	.1152928	.0758569	53.59022

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.941657	.0085540	.0171708	401.6409	.2083113	.1341798
Stddev	.033906	.0002433	.0001885	3.3033	.0011209	.0009660
%RSD	.8602018	2.844101	1.097847	.8224563	.5380989	.7199231
#1	3.946235	.0087017	.0169993	402.9016	.2070271	.1350400
#2	3.973041	.0086871	.0171406	404.1282	.2088136	.1331348
#3	3.905694	.0082732	.0173726	397.8929	.2090933	.1343646

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7928827	280.4471	6.307589	61.20247	.3588559	-.019852
Stddev	.0146171	2.2943	.048276	.53491	.0015202	.001582
%RSD	1.843543	.8180931	.7653632	.8740055	.4236129	7.970157
#1	.7966538	281.7220	6.321417	61.32462	.3605706	-.019665
#2	.8052447	281.8208	6.347442	61.66574	.3576735	-.018372
#3	.7767495	277.7984	6.253908	60.61704	.3583236	-.021520

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.295864	.2113540	7.714394	7.721509	F 18.00088	-.541571
Stddev	.019686	.0058972	.036850	.109964	.04647	.003054
%RSD	1.519125	2.790195	.4776821	1.424124	.2581773	.5639311
#1	1.295023	.2058140	7.672272	7.812793	18.01050	-.539195
#2	1.315957	.2106950	7.740676	7.752303	17.95035	-.545016
#3	1.276613	.2175530	7.730234	7.599431	18.04179	-.540501

Reviewed By:Mohan
On:1/8/2025 7:28:17 AM
Inst Id :P5

Sample Name: P5122-11 Acquired: 01/06/2025 17:45:52 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v80) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHMC8 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0188119	6.653905	7.713854	.4534903	1.246748	.7183004
Stddev	.0005787	.023921	.058812	.0021406	.012667	.0077218
%RSD	3.075966	.3595095	.7624212	.4720166	1.016030	1.075013
#1	.0186950	6.663384	7.689359	.4534534	1.242849	.7184324
#2	.0194401	6.626697	7.780954	.4556491	1.260907	.7259553
#3	.0183007	6.671634	7.671248	.4513684	1.236489	.7105133

Elem	Li6707
Units	ppm
Avg	.0661984
Stddev	.0007694
%RSD	1.162220
#1	.0656737
#2	.0670816
#3	.0658399

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1880.658	16920.06	1562.874	1420.970	1585.367
Stddev	4.436	92.41	9.553	5.036	5.311
%RSD	.2358653	.5461522	.6112593	.3544019	.3349783
#1	1878.015	16972.96	1566.478	1426.365	1579.238
#2	1878.179	16973.87	1552.042	1420.153	1588.608
#3	1885.779	16813.36	1570.100	1416.393	1588.254

Reviewed By:Mohan
On:1/8/2025 7:28:17 AM
Inst Id :P5

Sample Name: P5122-15 Acquired: 01/06/2025 17:49:37 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v80) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHMD0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1010517	.0093466	3.900387	.0299024	.0432374	43.46580
Stddev	.0040982	.0019299	.007977	.0075464	.0031452	.28607
%RSD	4.055516	20.64872	.2045111	25.23682	7.274328	.6581443
#1	.1057289	.0107650	3.897786	.0226900	.0436410	43.78585
#2	.0980903	.0071488	3.909339	.0377434	.0461613	43.37654
#3	.0993359	.0101259	3.894035	.0292737	.0399098	43.23500

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.546722	.0045249	.0050399	655.2708	.1344030	.1004882
Stddev	.009449	.0001982	.0000425	1.4842	.0001854	.0006599
%RSD	.6108851	4.379229	.8438337	.2265069	.1379373	.6566689
#1	1.556265	.0043924	.0050292	656.9543	.1345598	.1002190
#2	1.546531	.0047527	.0050867	654.7068	.1341984	.1012401
#3	1.537370	.0044297	.0050037	654.1512	.1344507	.1000055

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4874679	153.9013	8.859118	143.2375	.1263843	-.007558
Stddev	.0152057	.3369	.009185	.5922	.0011822	.002505
%RSD	3.119329	.2189033	.1036762	.4134652	.9353697	33.14970
#1	.4748125	154.2632	8.865539	143.9213	.1277385	-.008120
#2	.5043357	153.5968	8.848598	142.8946	.1258560	-.009734
#3	.4832554	153.8441	8.863219	142.8964	.1255585	-.004819

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.097803	.1233808	2.030472	5.088847	F 14.43744	-.270077
Stddev	.018741	.0098963	.013442	.373478	.02519	.001074
%RSD	1.707176	8.020916	.6620235	7.339157	.1744924	.3975847
#1	1.116050	.1153253	2.045006	4.756909	14.42123	-.268978
#2	1.098755	.1203893	2.027923	5.493246	14.46647	-.271124
#3	1.078604	.1344277	2.018486	5.016385	14.42463	-.270129

Reviewed By:Mohan
On:1/8/2025 7:28:17 AM
Inst Id :P5

Sample Name: P5122-15 Acquired: 01/06/2025 17:49:37 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v80) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHMD0 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0101737	6.621719	7.919842	.4002482	.7987837	.9169464
Stddev	.0010905	.013213	.024235	.0007548	.0051112	.0032798
%RSD	10.71905	.1995341	.3060019	.1885827	.6398770	.3576831
#1	.0097344	6.609040	7.918886	.4000204	.8046838	.9207335
#2	.0114153	6.635408	7.944541	.4010906	.7959601	.9150461
#3	.0093713	6.620708	7.896100	.3996335	.7957071	.9150595

Elem	Li6707
Units	ppm
Avg	.0529226
Stddev	.0017058
%RSD	3.223171
#1	.0547799
#2	.0514261
#3	.0525618

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1744.750	15597.67	1457.544	1315.766	1477.439
Stddev	2.633	27.09	6.038	8.020	.856
%RSD	.1509327	.1737047	.4142739	.6095381	.0579224
#1	1742.283	15619.49	1456.937	1307.505	1476.452
#2	1747.523	15567.35	1451.831	1316.274	1477.979
#3	1744.444	15606.18	1463.862	1323.521	1477.886

Reviewed By:Mohan
On:1/8/2025 7:28:17 AM
Inst Id :P5

Sample Name: P5122-16 Acquired: 01/06/2025 17:53:24 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v80) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHMD1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1837102	.0174188	2.657409	.1260099	.0486576	65.57265
Stddev	.0020130	.0028854	.005915	.0047980	.0037952	.33283
%RSD	1.095767	16.56470	.2225883	3.807664	7.799853	.5075734
#1	.1859179	.0145354	2.659204	.1219472	.0500944	65.18922
#2	.1819763	.0203062	2.650805	.1313035	.0515246	65.74182
#3	.1832366	.0174149	2.662219	.1247791	.0443537	65.78692

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.811187	.0036615	.0099045	108.7116	.2093023	.1535821
Stddev	.013684	.0001556	.0000868	.5659	.0010573	.0004779
%RSD	.3590439	4.248602	.8768221	.5205110	.5051285	.3111774
#1	3.795621	.0038249	.0098547	108.0598	.2100010	.1539652
#2	3.816622	.0036445	.0098540	109.0770	.2080860	.1530465
#3	3.821318	.0035151	.0100048	108.9981	.2098200	.1537344

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4908236	225.3101	F 43.97089	31.11617	.1984572	-.007064
Stddev	.0071253	1.0364	.20418	.24972	.0015798	.001227
%RSD	1.451696	.4599684	.4643481	.8025528	.7960229	17.36729
#1	.4964432	224.1271	43.73544	30.95655	.2002777	-.005786
#2	.4828095	226.0582	44.09914	30.98801	.1974474	-.008233
#3	.4932182	225.7449	44.07809	31.40396	.1976465	-.007174

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4928641	.1678025	2.019248	5.384314	F 26.71135	-.474732
Stddev	.0181205	.0097818	.004808	.339431	.03373	.001842
%RSD	3.676581	5.829339	.2380902	6.304074	.1262866	.3879983
#1	.5028257	.1565199	2.020773	5.001222	26.72413	-.475646
#2	.4719482	.1729843	2.023108	5.504139	26.67309	-.475939
#3	.5038185	.1739032	2.013863	5.647582	26.73682	-.472612

Reviewed By:Mohan
On:1/8/2025 7:28:17 AM
Inst Id :P5

Sample Name: P5122-16 Acquired: 01/06/2025 17:53:24 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v80) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHMD1 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0234883	5.770183	8.461751	.2563219	.7139528	.5118263
Stddev	.0005042	.005944	.015960	.0007365	.0003161	.0025689
%RSD	2.146498	.1030149	.1886192	.2873238	.0442738	.5019088
#1	.0240704	5.763330	8.454014	.2558333	.7135912	.5089894
#2	.0231954	5.773947	8.480106	.2571690	.7141764	.5124942
#3	.0231989	5.773271	8.451134	.2559634	.7140909	.5139953

Elem	Li6707
Units	ppm
Avg	.0835485
Stddev	.0029064
%RSD	3.478681
#1	.0806794
#2	.0864908
#3	.0834752

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2168.842	19327.84	1778.741	1633.542	1663.351
Stddev	9.216	47.88	5.359	4.038	7.008
%RSD	.4249394	.2477506	.3012645	.2471695	.4213092
#1	2179.262	19355.40	1784.292	1638.197	1670.435
#2	2165.507	19355.57	1773.598	1631.002	1663.197
#3	2161.758	19272.55	1778.334	1631.425	1656.422

Reviewed By:Mohan
On:1/8/2025 7:28:17 AM
Inst Id :P5

Sample Name: P5122-17 Acquired: 01/06/2025 17:57:10 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v80) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHMD2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0679596	.0042727	.1053043	.0300984	.0181645	12.31087	.6342713
Stddev	.0050242	.0020860	.0015765	.0049718	.0070765	.05078	.0018218
%RSD	7.392968	48.82143	1.497077	16.51847	38.95783	.4124803	.2872240
#1	.0730840	.0055454	.1040870	.0317638	.0237726	12.26044	.6323570
#2	.0677528	.0018653	.1047409	.0340237	.0205071	12.36199	.6359837
#3	.0630419	.0054074	.1070851	.0245077	.0102137	12.31018	.6344734

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0016130	.0031104	97.25937	.1145393	.0592928	.1948876	84.16336
Stddev	.0002000	.0000388	.17021	.0015528	.0001314	.0098398	.45833
%RSD	12.39801	1.246985	.1750017	1.355690	.2215492	5.048952	.5445751
#1	.0013874	.0030694	97.40005	.1162420	.0594353	.1976586	84.13927
#2	.0016832	.0031152	97.30790	.1141746	.0592668	.2030447	84.63327
#3	.0017685	.0031465	97.07017	.1132013	.0591764	.1839594	83.71755

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.087204	8.058518	.0509283	-.004694	.1046690	.0496557	.2073574
Stddev	.024062	.123458	.0009768	.001683	.0247008	.0015812	.0003850
%RSD	.5887084	1.532024	1.918069	35.85283	23.59898	3.184247	.1856889
#1	4.090993	8.170280	.0514510	-.004802	.1310860	.0485478	.2076701
#2	4.109147	7.925996	.0498013	-.002960	.0821473	.0489528	.2074748
#3	4.061473	8.079277	.0515325	-.006321	.1007736	.0514664	.2069274

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0633671	3.322834	-.060966	.0351081	51.71932	2.790503	.0181264
Stddev	.1660965	.010690	.004137	.0006540	.13644	.028427	.0010622
%RSD	262.1180	.3217214	6.786045	1.862674	.2638016	1.018713	5.859775
#1	-.035821	3.315195	-.063477	.0353939	51.69889	2.805219	.0187872
#2	-.029199	3.318257	-.056191	.0355705	51.59425	2.757734	.0186908
#3	.255121	3.335051	-.063230	.0343599	51.86482	2.808555	.0169012

Reviewed By:Mohan
On:1/8/2025 7:28:17 AM
Inst Id :P5

Sample Name: P5122-17 Acquired: 01/06/2025 17:57:10 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v80) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHMD2 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.2392322	.2954614	-.018459
Stddev	.0081955	.0011137	.005147
%RSD	3.425765	.3769293	27.88432
#1	.2373886	.2957930	-.020944
#2	.2481924	.2963716	-.012541
#3	.2321154	.2942196	-.021892

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1702.402	15288.39	1378.307	1298.783	1734.420
Stddev	5.057	140.48	5.128	5.897	3.827
%RSD	.2970645	.9188773	.3720162	.4540766	.2206698
#1	1696.724	15221.97	1372.423	1297.626	1731.482
#2	1704.058	15193.42	1381.818	1293.550	1738.748
#3	1706.423	15449.76	1380.680	1305.173	1733.029

Reviewed By:Mohan
On:1/8/2025 7:28:17 AM
Inst Id :P5

Sample Name: P5122-18 Acquired: 01/06/2025 18:00:59 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v80) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHMD3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0829565	-.000788	.6839935	.0154501	.0173978	19.16576	.6715393
Stddev	.0012392	.004001	.0023154	.0034829	.0050510	.10480	.0050924
%RSD	1.493818	507.7062	.3385062	22.54315	29.03231	.5467844	.7583186
#1	.0818850	-.000694	.6814887	.0154339	.0161643	19.19533	.6773474
#2	.0843136	.003165	.6860555	.0189412	.0229513	19.25260	.6694301
#3	.0826709	-.004835	.6844363	.0119754	.0130779	19.04936	.6678403

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0033966	.0006258	65.88223	.0262508	.0546962	.2448229	66.41785
Stddev	.0002340	.0000409	.31183	.0011968	.0006420	.0072397	.17217
%RSD	6.888445	6.540207	.4733192	4.559213	1.173711	2.957112	.2592277
#1	.0031697	.0006671	65.56926	.0269670	.0550701	.2480521	66.50008
#2	.0033829	.0005853	66.19292	.0248691	.0550636	.2498861	66.53349
#3	.0036371	.0006250	65.88451	.0269163	.0539549	.2365306	66.21998

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8213424	9.977194	.0621300	-.006544	1.970314	.0960039	.3177111
Stddev	.0011616	.160825	.0004112	.000578	.026837	.0183992	.0018069
%RSD	.1414270	1.611925	.6618347	8.828797	1.362082	19.16505	.5687157
#1	.8220337	9.968204	.0623193	-.006582	1.987529	.0812265	.3197192
#2	.8200014	10.14232	.0616582	-.007101	1.939391	.1166120	.3162165
#3	.8219923	9.82105	.0624124	-.005948	1.984021	.0901732	.3171977

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.415277	3.249701	-.143697	.0128007	5.040466	3.692388	.0406964
Stddev	.037642	.009098	.001617	.0002808	.003346	.017952	.0011960
%RSD	2.659723	.2799565	1.124995	2.193778	.0663810	.4861987	2.938826
#1	1.382054	3.239634	-.145312	.0125206	5.043529	3.706671	.0419680
#2	1.456160	3.252135	-.143698	.0127993	5.036896	3.698259	.0405270
#3	1.407618	3.257334	-.142079	.0130822	5.040974	3.672236	.0395941

Reviewed By:Mohan
On:1/8/2025 7:28:17 AM
Inst Id :P5

Sample Name: P5122-18 Acquired: 01/06/2025 18:00:59 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v80) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHMD3 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.3110738	.3112162	-.004648
Stddev	.0048353	.0008422	.005560
%RSD	1.554388	.2706189	119.6378
#1	.3112585	.3104469	-.010642
#2	.3158141	.3110855	.000342
#3	.3061488	.3121161	-.003643

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1672.534	14931.30	1360.088	1264.000	1749.091
Stddev	5.521	82.11	7.419	9.496	4.160
%RSD	.3300897	.5499220	.5454973	.7512597	.2378216
#1	1672.687	14854.70	1351.747	1253.039	1747.052
#2	1666.938	15017.99	1362.567	1269.210	1746.344
#3	1677.976	14921.20	1365.951	1269.750	1753.877

Reviewed By:Mohan
On:1/8/2025 7:28:17 AM
Inst Id :P5

Sample Name: CCV122 Acquired: 01/06/2025 18:04:49 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v80) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV122 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.850459	4.685263	23.92334	4.762100	4.760939	398.3000
Stddev	.010184	.009176	.03714	.004681	.016900	4.0231
%RSD	.2099589	.1958458	.1552560	.0982880	.3549802	1.010080
#1	4.843106	4.686081	23.92534	4.762098	4.761025	400.0080
#2	4.862083	4.675706	23.88523	4.766781	4.777796	401.1874
#3	4.846187	4.694003	23.95943	4.757420	4.743996	393.7047

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.925673	.4929813	2.402117	401.1968	15.19235	2.426560
Stddev	.112894	.0054735	.002718	4.4715	.02455	.004903
%RSD	1.137391	1.110291	.1131394	1.114534	.1615903	.2020544
#1	9.906682	.4959428	2.403156	402.0936	15.22041	2.429489
#2	10.04686	.4963360	2.399033	405.1519	15.18185	2.420900
#3	9.82348	.4866651	2.404161	396.3449	15.17480	2.429292

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.90728	406.0359	14.80843	402.5985	2.437198	1.220101
Stddev	.13591	3.7630	.14931	4.2757	.003521	.002937
%RSD	.9117267	.9267566	1.008297	1.062018	.1444637	.2406992
#1	14.97910	406.6246	14.86004	404.4251	2.435536	1.221279
#2	14.99222	409.4699	14.92509	405.6575	2.434815	1.222266
#3	14.75053	402.0134	14.64016	397.7130	2.441242	1.216758

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	398.1457	2.492964	14.23684	150.3409	4.789414	F 4.318781
Stddev	2.4239	.027002	.04520	1.6386	.017005	.034393
%RSD	.6087922	1.083125	.3174567	1.089949	.3550488	.7963683
#1	399.5006	2.523522	14.25014	150.6085	4.782328	4.333443
#2	399.5892	2.483048	14.27389	151.8293	4.777099	4.343414
#3	395.3473	2.472322	14.18648	148.5850	4.808816	4.279487

Reviewed By:Mohan
On:1/8/2025 7:28:17 AM
Inst Id :P5

Sample Name: CCV122 Acquired: 01/06/2025 18:04:49 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v80) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV122 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.725075	4.814821	4.869284	4.840627	4.959731	4.692703
Stddev	.003634	.008412	.051132	.001554	.048654	.043693
%RSD	.0769001	.1747052	1.050094	.0320938	.9809826	.9310804
#1	4.722294	4.824022	4.896489	4.838878	4.983752	4.700929
#2	4.729186	4.807526	4.901062	4.841156	4.991703	4.731697
#3	4.723745	4.812915	4.810301	4.841847	4.903738	4.645481

Elem	Li6707
Units	ppm
Avg	4.899735
Stddev	.057332
%RSD	1.170096
#1	4.900230
#2	4.956818
#3	4.842158

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1307.388	12657.73	1201.584	984.1757	1390.714
Stddev	2.252	21.35	11.902	3.1149	5.258
%RSD	.1722582	.1686545	.9905618	.3164966	.3780785
#1	1306.398	12636.08	1194.061	982.7991	1388.480
#2	1309.965	12678.77	1195.385	981.9862	1396.720
#3	1305.800	12658.34	1215.307	987.7417	1386.942

Reviewed By:Mohan
On:1/8/2025 7:28:17 AM
Inst Id :P5

Sample Name: CCB122 Acquired: 01/06/2025 18:08:34 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v80) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB122 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001873	.0029076	-.001185	.0026773	-.001083	.0470363	.0005417
Stddev	.002842	.0015418	.003178	.0084987	.001584	.0658454	.0049514
%RSD	151.7546	53.02524	268.2010	317.4326	146.3497	139.9885	914.1028
#1	-.000358	.0013523	.002246	.0087605	-.002781	.1170688	-.004833
#2	-.000109	.0044355	-.004029	.0063046	.000356	-.013616	.004918
#3	-.005151	.0029351	-.001772	-.007033	-.000823	.037656	.001539

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000205	-.000051	-.046488	-.000430	-.000167	-.021790	-.036769
Stddev	.000162	.000056	.048148	.000639	.000077	.005982	.048917
%RSD	78.62896	109.2317	103.5712	148.6393	46.05226	27.45365	133.0386
#1	-.000298	.000013	-.092278	-.000640	-.000231	-.021845	-.033342
#2	-.000300	-.000091	.003715	.000288	-.000188	-.027745	-.087310
#3	-.000019	-.000074	-.050902	-.000938	-.000082	-.015781	.010345

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0031196	-.147272	.0003728	-.000387	-.098882	-.001328	.0036937
Stddev	.0040412	.012390	.0003905	.001236	.031833	.023488	.0006335
%RSD	129.5416	8.413344	104.7511	319.6109	32.19251	1769.290	17.15077
#1	.0046728	-.138069	.0005757	-.000775	-.065261	-.009988	.0037981
#2	-.001468	-.161360	-.000077	-.001381	-.102828	-.019256	.0042684
#3	.006154	-.142387	.000620	.000997	-.128558	.025261	.0030144

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1037696	.0044144	.0095132	.0002812	.0059446	-.002473	-.000402
Stddev	.1125253	.0018440	.0019938	.0001723	.0028035	.000497	.000306
%RSD	108.4376	41.77209	20.95783	61.29966	47.16013	20.08821	76.24692
#1	.0639149	.0048708	.0114744	.0002792	.0088002	-.002950	-.000050
#2	.0165958	.0023851	.0074884	.0004545	.0031963	-.001958	-.000613
#3	.2307980	.0059873	.0095767	.0001098	.0058374	-.002510	-.000542

Reviewed By:Mohan
On:1/8/2025 7:28:17 AM
Inst Id :P5

Sample Name: CCB122 Acquired: 01/06/2025 18:08:34 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v80) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB122 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.0080287	.0002200	.0011716
Stddev	.0026980	.0001583	.0063879
%RSD	33.60484	71.94484	545.2165
#1	.0086409	.0001186	-.006187
#2	.0050771	.0004024	.005289
#3	.0103680	.0001390	.004413

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1592.776	14186.58	1294.895	1206.862	1741.417
Stddev	2.702	16.68	13.951	4.532	1.919
%RSD	.1696525	.1176049	1.077347	.3754800	.1101995
#1	1593.614	14199.26	1278.881	1201.630	1741.533
#2	1589.755	14192.81	1301.396	1209.516	1739.442
#3	1594.961	14167.68	1304.409	1209.441	1743.275

Reviewed By:Mohan
On:1/8/2025 7:28:17 AM
Inst Id :P5

Sample Name: P5127-04DL3X5 Acquired: 01/06/2025 18:12:35 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v80) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHMB1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0065381	.0199973	.0448455	-.036943	-.000826	5.156639	.0571956
Stddev	.0019471	.0031647	.0037820	.003847	.002581	.061561	.0024246
%RSD	29.78004	15.82547	8.433325	10.41439	312.4476	1.193821	4.239186
#1	.0060501	.0232850	.0405013	-.032652	-.000654	5.135663	.0545674
#2	.0048814	.0169720	.0466312	-.040085	.001664	5.108307	.0576742
#3	.0086827	.0197348	.0474040	-.038091	-.003489	5.225946	.0593453

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005251	.0004325	115.6794	.0112231	.0372487	.0058177	15.52325
Stddev	.0001340	.0000632	.7280	.0009222	.0003489	.0101759	.06122
%RSD	25.51693	14.61686	.6293527	8.217149	.9365494	174.9131	.3944011
#1	.0005586	.0004107	115.5768	.0110759	.0375311	.0084883	15.47483
#2	.0003776	.0005037	115.0081	.0103833	.0373563	-.005427	15.50285
#3	.0006393	.0003830	116.4533	.0122100	.0368587	.014392	15.59207

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7459508	20.72853	.0188675	-.001498	-.044274	.0127154	.0496320
Stddev	.0054707	.28819	.0006591	.001936	.018941	.0113021	.0007075
%RSD	.7333840	1.390299	3.493165	129.2265	42.78050	88.88531	1.425453
#1	.7424915	20.55357	.0184844	.000527	-.022957	.0191102	.0503638
#2	.7431029	20.57087	.0184895	-.001692	-.050697	-.000334	.0489516
#3	.7522579	21.06115	.0196285	-.003330	-.059168	.019370	.0495805

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.353336	.2793361	-.018632	.0059695	.2121747	1.220341	.0046693
Stddev	.275515	.0020900	.002982	.0003354	.0075447	.009513	.0012232
%RSD	20.35823	.7481921	16.00508	5.618947	3.555873	.7795106	26.19687
#1	1.038847	.2792793	-.021992	.0063268	.2115566	1.230894	.0035985
#2	1.468972	.2814539	-.017607	.0059206	.2200094	1.212425	.0060024
#3	1.552189	.2772751	-.016299	.0056613	.2049581	1.217704	.0044071

Reviewed By:Mohan
On:1/8/2025 7:28:17 AM
Inst Id :P5

Sample Name: P5127-04DL3X5 Acquired: 01/06/2025 18:12:35 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v80) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHMB1 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.0372856	.0886439	-.007656
Stddev	.0129611	.0006793	.006413
%RSD	34.76165	.7663683	83.76843
#1	.0330755	.0880346	-.005215
#2	.0269530	.0893764	-.002822
#3	.0518283	.0885207	-.014931

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1593.716	14232.24	1302.812	1206.947	1640.309
Stddev	5.054	49.45	2.445	1.003	4.330
%RSD	.3170973	.3474385	.1876785	.0831407	.2640052
#1	1597.584	14249.50	1302.365	1207.122	1643.375
#2	1587.998	14176.48	1305.450	1205.868	1635.355
#3	1595.567	14270.75	1300.622	1207.852	1642.196

Reviewed By:Mohan
On:1/8/2025 7:28:17 AM
Inst Id :P5

Sample Name: P5127-05DL3X5 Acquired: 01/06/2025 18:16:31 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v80) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHMB1D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0058031	.0231557	.0379410	-.036197	-.001215	5.064011	.0557184
Stddev	.0043080	.0024211	.0025374	.002565	.002328	.059403	.0030034
%RSD	74.23566	10.45594	6.687825	7.085411	191.6373	1.173051	5.390380
#1	.0106958	.0215231	.0402877	-.035623	.001467	5.017042	.0559579
#2	.0025786	.0220065	.0382869	-.033968	-.002405	5.130787	.0585950
#3	.0041351	.0259374	.0352484	-.039000	-.002706	5.044203	.0526025

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004266	.0003393	113.1323	.0102579	.0366351	-.008304	15.17359
Stddev	.0000439	.0001046	.2002	.0010015	.0005215	.013470	.04306
%RSD	10.30294	30.83168	.1769804	9.762924	1.423522	162.2106	.2837836
#1	.0004663	.0002185	112.9084	.0110110	.0365721	-.023096	15.14442
#2	.0003794	.0003991	113.1942	.0091214	.0361479	-.005069	15.22305
#3	.0004341	.0004004	113.2942	.0106412	.0371852	.003254	15.15331

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7310145	20.26540	.0183967	-.000585	-.059465	.0087355	.0504265
Stddev	.0050423	.05876	.0008945	.001242	.017752	.0069292	.0026116
%RSD	.6897673	.2899443	4.862492	212.3389	29.85212	79.32217	5.178972
#1	.7267961	20.32213	.0194069	.000247	-.066309	.0149493	.0490070
#2	.7365991	20.26927	.0177050	-.002012	-.039310	.0012633	.0488321
#3	.7296483	20.20481	.0180782	.000011	-.072776	.0099940	.0534404

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.571375	.2763292	-.022400	.0056718	.2087155	1.188691	.0052472
Stddev	.126935	.0005863	.000592	.0005470	.0030053	.003938	.0012357
%RSD	8.077946	.2121883	2.641261	9.644012	1.439911	.3312824	23.54972
#1	1.457679	.2756570	-.022657	.0062349	.2077279	1.191237	.0046908
#2	1.548115	.2765950	-.021723	.0056379	.2120904	1.184155	.0043875
#3	1.708332	.2767355	-.022820	.0051425	.2063283	1.190680	.0066633

Reviewed By:Mohan
On:1/8/2025 7:28:17 AM
Inst Id :P5

Sample Name: P5127-05DL3X5 Acquired: 01/06/2025 18:16:31 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v80) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHMB1D Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.0332586	.0864377	-.001124
Stddev	.0011002	.0004206	.006782
%RSD	3.307951	.4866409	603.2709
#1	.0343772	.0859536	-.005584
#2	.0332206	.0867140	-.004470
#3	.0321779	.0866456	.006681

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1594.167	14064.88	1306.987	1181.490	1643.047
Stddev	10.369	474.02	11.400	39.782	6.814
%RSD	.6504123	3.370204	.8722014	3.367087	.4147133
#1	1583.332	14335.66	1298.634	1204.109	1635.217
#2	1603.996	14341.43	1302.352	1204.806	1647.632
#3	1595.174	13517.54	1319.974	1135.556	1646.293

Reviewed By:Mohan
On:1/8/2025 7:28:17 AM
Inst Id :P5

Sample Name: P5352-04 Acquired: 01/06/2025 18:20:28 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v80) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME2926 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1046895	-.031241	.2121403	.0823600	.0522001	108.1332	1.001455
Stddev	.0034028	.000337	.0012072	.0090247	.0021771	.7773	.005585
%RSD	3.250332	1.078648	.5690408	10.95765	4.170629	.7188003	.5576716
#1	.1012418	-.031623	.2128259	.0859875	.0540298	108.7853	1.006970
#2	.1080454	-.030988	.2107465	.0890065	.0527782	108.3414	1.001593
#3	.1047811	-.031110	.2128486	.0720859	.0497923	107.2731	.995803

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0090581	.0019338	415.1183	.2065114	.1788937	.1577013	244.0054
Stddev	.0001788	.0001225	2.3684	.0009646	.0010608	.0093375	1.8404
%RSD	1.973799	6.336716	.5705339	.4670763	.5929677	5.921007	.7542588
#1	.0091522	.0019136	417.1640	.2072229	.1777852	.1610725	245.2660
#2	.0088519	.0018226	415.6673	.2054135	.1798993	.1648851	244.8567
#3	.0091702	.0020652	412.5237	.2068976	.1789967	.1471464	241.8934

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.757941	181.8990	.3887091	-.023396	1.388411	.2627070	.4810930
Stddev	.026213	1.6803	.0003575	.000854	.023960	.0124564	.0060661
%RSD	.5509276	.9237563	.0919828	3.650033	1.725748	4.741562	1.260901
#1	4.773137	183.6281	.3883894	-.022418	1.415687	.2490198	.4797349
#2	4.773012	181.7969	.3886427	-.023990	1.370758	.2657219	.4758211
#3	4.727673	180.2721	.3890952	-.023782	1.378789	.2733793	.4877231

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.24089	4.722557	-.425334	.0174197	6.293005	12.95353	.0357908
Stddev	.23762	.011199	.002089	.0011265	.006477	.04498	.0001481
%RSD	1.234965	.2371425	.4911056	6.466549	.1029318	.3472786	.4137178
#1	19.25672	4.719358	-.426503	.0161718	6.286899	13.00546	.0356559
#2	19.47021	4.735008	-.422922	.0177259	6.292318	12.92843	.0357674
#3	18.99576	4.713306	-.426576	.0183615	6.299799	12.92670	.0359492

Reviewed By:Mohan
On:1/8/2025 7:28:17 AM
Inst Id :P5

Sample Name: P5352-04 Acquired: 01/06/2025 18:20:28 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v80) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME2926 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	1.850691	.3056052	.2495704
Stddev	.014377	.0029559	.0021169
%RSD	.7768338	.9672149	.8482307
#1	1.863528	.3078684	.2477511
#2	1.853389	.3066863	.2518939
#3	1.835156	.3022610	.2490662

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1709.710	15370.97	1440.227	1286.344	1506.707
Stddev	2.707	70.17	8.641	6.888	3.722
%RSD	.1583600	.4565011	.5999740	.5355091	.2470362
#1	1706.616	15290.83	1430.369	1280.341	1502.458
#2	1710.869	15421.39	1443.824	1293.865	1509.394
#3	1711.645	15400.68	1446.488	1284.828	1508.269

Reviewed By:Mohan
On:1/8/2025 7:28:17 AM
Inst Id :P5

Sample Name: P5352-05 Acquired: 01/06/2025 18:24:14 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v80) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME2926D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1126290	-.033709	.2407535	.0889632	.0570421	110.1379	1.079600
Stddev	.0016562	.004576	.0058716	.0050777	.0024876	.3990	.006239
%RSD	1.470482	13.57496	2.438850	5.707663	4.360960	.3623157	.5778664
#1	.1141093	-.031285	.2456150	.0876690	.0594724	110.3573	1.086799
#2	.1108403	-.030854	.2424154	.0846578	.0545010	109.6773	1.076235
#3	.1129374	-.038987	.2342300	.0945628	.0571528	110.3791	1.075767

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0093990	.0021174	431.7361	.2029808	.1819377	.1757098	255.9432
Stddev	.0000439	.0001487	1.7128	.0018455	.0007155	.0216291	.5819
%RSD	.4671570	7.021485	.3967265	.9091788	.3932772	12.30956	.2273727
#1	.0094025	.0022463	433.3380	.2011616	.1811664	.1652627	256.3789
#2	.0093534	.0021512	429.9306	.2048514	.1820670	.1612874	255.2823
#3	.0094410	.0019548	431.9397	.2029295	.1825798	.2005792	256.1685

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.895269	193.2680	.3946074	-.023312	1.411358	.2882935	.5190884
Stddev	.017662	.3271	.0004511	.001197	.019080	.0095190	.0062918
%RSD	.3607935	.1692721	.1143059	5.132604	1.351919	3.301844	1.212091
#1	4.903458	193.4217	.3940878	-.021977	1.431552	.2793448	.5204541
#2	4.874999	193.4901	.3948977	-.023672	1.393632	.2982952	.5122259
#3	4.907350	192.8923	.3948368	-.024287	1.408889	.2872406	.5245852

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.52203	4.942937	-.443088	.0190283	6.171405	11.38173	.0342088
Stddev	.24414	.005992	.012079	.0011953	.014837	.13279	.0016528
%RSD	1.250611	.1212146	2.725986	6.281781	.2404130	1.166696	4.831592
#1	19.78764	4.948442	-.456861	.0203931	6.182798	11.53416	.0326007
#2	19.30740	4.943814	-.438103	.0185246	6.176790	11.31996	.0341228
#3	19.47106	4.936556	-.434299	.0181673	6.154628	11.29108	.0359030

Reviewed By:Mohan
On:1/8/2025 7:28:17 AM
Inst Id :P5

Sample Name: P5352-05 Acquired: 01/06/2025 18:24:14 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v80) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME2926D Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	1.847259	.3158069	.2487432
Stddev	.013815	.0016481	.0052591
%RSD	.7478399	.5218615	2.114248
#1	1.855198	.3171067	.2530248
#2	1.831307	.3139532	.2428730
#3	1.855271	.3163606	.2503316

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1685.209	15089.41	1406.104	1263.235	1478.999
Stddev	4.022	32.65	12.894	10.882	4.718
%RSD	.2386695	.2163734	.9169882	.8614282	.3190213
#1	1688.782	15115.69	1391.457	1268.470	1483.588
#2	1680.853	15052.86	1411.118	1270.509	1474.161
#3	1685.992	15099.67	1415.738	1250.724	1479.249

Reviewed By:Mohan
On:1/8/2025 7:28:17 AM
Inst Id :P5

Sample Name: P5352-04LX5 Acquired: 01/06/2025 18:28:00 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v80) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME2926L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0176713	.0076529	.0503404	-.008862	.0102591	24.05231	.2353049
Stddev	.0005686	.0032787	.0019484	.004004	.0029281	.17458	.0042621
%RSD	3.217595	42.84214	3.870401	45.18702	28.54185	.7258180	1.811305
#1	.0171475	.0038673	.0525752	-.005999	.0110056	24.00265	.2341365
#2	.0175904	.0095053	.0489983	-.007148	.0127417	24.24633	.2400293
#3	.0182760	.0095861	.0494477	-.013438	.0070300	23.90794	.2317488

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0020037	.0003459	95.09863	.0446776	.0542192	.0248071	56.16670
Stddev	.0000252	.0001974	.46816	.0003381	.0009946	.0070416	.24020
%RSD	1.257581	57.05138	.4922915	.7567656	1.834338	28.38533	.4276555
#1	.0019845	.0003570	95.43159	.0443204	.0539538	.0254905	56.28353
#2	.0020322	.0005375	95.30097	.0449927	.0533843	.0314822	56.32613
#3	.0019944	.0001433	94.56333	.0447195	.0553196	.0174488	55.89043

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.087945	43.35543	.0776063	-.004871	.1245642	.0596469	.1122886
Stddev	.005864	.23869	.0005867	.000996	.0043646	.0161517	.0000151
%RSD	.5390130	.5505371	.7559578	20.44216	3.503864	27.07888	.0134435
#1	1.086590	43.39410	.0770289	-.003768	.1255627	.0488063	.1123047
#2	1.094368	43.09978	.0782018	-.005704	.1283430	.0519241	.1122747
#3	1.082877	43.57243	.0775881	-.005139	.1197869	.0782102	.1122865

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.065637	.9318790	-.108778	.0088538	1.168908	2.522981	.0083219
Stddev	.105423	.0020297	.003009	.0014994	.006075	.018231	.0009545
%RSD	2.593016	.2178060	2.765751	16.93544	.5197393	.7226063	11.46922
#1	4.047528	.9305116	-.110032	.0075036	1.167317	2.541067	.0072402
#2	3.970442	.9342111	-.105346	.0104676	1.175621	2.523267	.0090454
#3	4.178942	.9309142	-.110957	.0085902	1.163787	2.504608	.0086802

Reviewed By:Mohan
On:1/8/2025 7:28:17 AM
Inst Id :P5

Sample Name: P5352-04LX5 Acquired: 01/06/2025 18:28:00 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v80) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME2926L Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.4005496	.0681743	.0445608
Stddev	.0006989	.0002929	.0054785
%RSD	.1744935	.4295736	12.29433
#1	.4009493	.0682657	.0389507
#2	.4009570	.0684106	.0498973
#3	.3997426	.0678467	.0448343

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1598.013	14268.06	1308.392	1205.299	1621.956
Stddev	5.924	77.96	3.682	2.217	5.234
%RSD	.3707063	.5463822	.2814026	.1839422	.3226769
#1	1602.200	14351.61	1304.182	1206.609	1626.462
#2	1600.603	14255.30	1309.989	1202.739	1623.190
#3	1591.235	14197.26	1311.006	1206.549	1616.215

Reviewed By:Mohan
On:1/8/2025 7:28:17 AM
Inst Id :P5

Sample Name: P5352-06 Acquired: 01/06/2025 18:31:52 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v80) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME2926S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1901709	.0481931	.2730305	.2279847	.2021466	110.0446	4.476215
Stddev	.0018131	.0037674	.0024891	.0090479	.0006972	.8728	.025379
%RSD	.9534305	7.817274	.9116496	3.968656	.3448797	.7931475	.5669709
#1	.1914819	.0440117	.2735160	.2175873	.2029275	111.0485	4.504244
#2	.1881017	.0492445	.2752411	.2322964	.2015867	109.4658	4.469610
#3	.1909290	.0513231	.2703345	.2340702	.2019257	109.6195	4.454792

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0951398	.0952670	420.4697	.5600998	1.117876	.5699848	249.7545
Stddev	.0006349	.0001768	2.3908	.0014871	.000588	.0102720	1.8477
%RSD	.6673276	.1856156	.5686107	.2655100	.0526273	1.802157	.7398138
#1	.0956750	.0951361	423.2151	.5591441	1.117229	.5761059	251.8875
#2	.0953062	.0954682	419.3477	.5593422	1.118019	.5581257	248.7290
#3	.0944383	.0951967	418.8462	.5618132	1.118379	.5757227	248.6470

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.598047	187.2470	1.330144	.0410144	1.361110	1.119920	1.297956
Stddev	.019774	.9548	.001661	.0010949	.010487	.009573	.006851
%RSD	.3532233	.5099076	.1249089	2.669467	.7704874	.8547705	.5278462
#1	5.620535	188.3341	1.331883	.0405555	1.359219	1.117142	1.293974
#2	5.583379	186.8624	1.328573	.0422641	1.372414	1.112044	1.305867
#3	5.590228	186.5446	1.329976	.0402237	1.351697	1.130575	1.294028

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.30762	4.807765	-.430849	.0184302	6.031493	11.03272	.0357399
Stddev	.33446	.009129	.002691	.0004596	.002559	.09079	.0024741
%RSD	1.732284	.1898861	.6244996	2.493926	.0424232	.8229102	6.922440
#1	19.66727	4.797290	-.431033	.0187979	6.029302	11.11246	.0329593
#2	19.24967	4.814024	-.433443	.0185779	6.030873	11.05179	.0376978
#3	19.00592	4.811982	-.428071	.0179149	6.034306	10.93391	.0365627

Reviewed By:Mohan
On:1/8/2025 7:28:17 AM
Inst Id :P5

Sample Name: P5352-06 Acquired: 01/06/2025 18:31:52 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v80) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME2926S Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	1.792022	.3047329	.2427642
Stddev	.010794	.0020089	.0049698
%RSD	.6023583	.6592325	2.047155
#1	1.803209	.3069138	.2403631
#2	1.781669	.3029580	.2484785
#3	1.791186	.3043269	.2394508

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1694.497	15227.54	1429.212	1281.504	1496.584
Stddev	5.533	67.12	7.826	3.777	3.301
%RSD	.3265180	.4407760	.5475921	.2947068	.2205552
#1	1696.548	15302.95	1421.742	1285.376	1498.251
#2	1688.231	15205.30	1428.542	1277.830	1492.783
#3	1698.711	15174.36	1437.352	1281.306	1498.719

Reviewed By:Mohan
On:1/8/2025 7:28:17 AM
Inst Id :P5

Sample Name: PB165787BL Acquired: 01/06/2025 18:35:38 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v80) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: PBS787 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.006644	.0016056	-.002030	.0025377	-.000200	.0275445
Stddev	.003375	.0007883	.003999	.0008105	.001012	.0384976
%RSD	50.79845	49.09568	197.0478	31.93840	505.8568	139.7651
#1	-.004829	.0007225	-.001098	.0021959	-.000768	.0087537
#2	-.010538	.0018559	.001422	.0034631	.000968	.0718289
#3	-.004565	.0022383	-.006412	.0019541	-.000800	.0020509

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001275	-.000208	-.000106	-.009764	-.000519	.0000846
Stddev	.0057111	.000175	.000106	.031295	.000412	.0000867
%RSD	4479.168	83.92627	99.95915	320.5060	79.35366	102.5069
#1	.0036285	-.000244	-.000227	-.035279	-.000868	.0000451
#2	.0032168	-.000363	-.000040	-.019168	-.000064	.0000246
#3	-.006463	-.000018	-.000050	.025154	-.000626	.0001840

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.021246	-.000874	.0037778	-.074470	.0006033	.0002507
Stddev	.015833	.052144	.0020343	.094555	.0004565	.0031145
%RSD	74.52181	5968.211	53.84812	126.9704	75.67391	1242.501
#1	-.039180	-.050794	.0016437	-.042542	.0004135	-.001815
#2	-.009201	-.005068	.0039949	-.000013	.0002723	.003833
#3	-.015358	.053240	.0056949	-.180856	.0011241	-.001266

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.254813	.0055719	-.002972	-.080961	.0020585	-.005068
Stddev	.024420	.0120322	.000350	.161416	.0013169	.002289
%RSD	9.583649	215.9422	11.77001	199.3751	63.97158	45.16040
#1	-.233887	.0072084	-.003074	-.000319	.0029795	-.006268
#2	-.281645	-.007195	-.003259	-.266808	.0005502	-.002429
#3	-.248908	.016702	-.002582	.024244	.0026458	-.006506

Reviewed By:Mohan
On:1/8/2025 7:28:17 AM
Inst Id :P5

Sample Name: PB165787BL Acquired: 01/06/2025 18:35:38 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v80) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: PBS787 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001206	-.000656	-.001458	-.002607	.0064015	.0001107
Stddev	.0003006	.001528	.000180	.000800	.0094265	.0001520
%RSD	249.2317	232.8088	12.33901	30.68727	147.2544	137.3426
#1	.0000485	-.001989	-.001307	-.002567	.0162879	.0002862
#2	-.000137	.001011	-.001657	-.003426	.0054022	.0000209
#3	.000451	-.000992	-.001411	-.001828	-.002486	.0000249

Elem	Li6707
Units	ppm
Avg	F -.015809
Stddev	.005478
%RSD	34.64782
#1	-.020996
#2	-.016351
#3	-.010081

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1633.199	14403.56	1301.097	1217.996	1791.171
Stddev	17.091	38.41	2.657	5.868	20.310
%RSD	1.046459	.2666503	.2042176	.4817370	1.133883
#1	1619.151	14385.89	1298.467	1221.834	1775.989
#2	1628.220	14377.17	1301.043	1211.241	1783.283
#3	1652.226	14447.62	1303.780	1220.912	1814.242

Reviewed By:Mohan
On:1/8/2025 7:28:17 AM
Inst Id :P5

Sample Name: PB165787BS Acquired: 01/06/2025 18:45:30 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v80) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCS787 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0150280	.0489069	.0159232	.0516700	.1010958	.4227689
Stddev	.0037105	.0035763	.0016466	.0047946	.0023927	.0880875
%RSD	24.69083	7.312360	10.34084	9.279271	2.366732	20.83585
#1	.0120328	.0475469	.0147715	.0461664	.1008371	.3637910
#2	.0138724	.0462101	.0178092	.0549422	.0988430	.5240257
#3	.0191788	.0529636	.0151889	.0539014	.1036073	.3804901

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3936302	.0103456	.0091506	9.908211	.0196025	.0956188
Stddev	.0008914	.0001208	.0000561	.109393	.0009267	.0003388
%RSD	.2264484	1.168009	.6135214	1.104066	4.727695	.3543466
#1	.3945398	.0102065	.0090874	9.905372	.0200274	.0958942
#2	.3935926	.0104244	.0091696	10.01900	.0202406	.0952405
#3	.3927582	.0104060	.0091947	9.80027	.0185395	.0957217

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0501005	.1720931	.0323302	10.58443	.0736202	.0188357
Stddev	.0080737	.0556671	.0016139	.16417	.0021358	.0020969
%RSD	16.11505	32.34708	4.991960	1.551006	2.901047	11.13259
#1	.0539111	.2334112	.0336042	10.70242	.0759896	.0212564
#2	.0408268	.1581339	.0305154	10.65393	.0718431	.0175777
#3	.0555637	.1247341	.0328711	10.39695	.0730278	.0176731

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.508532	.0990088	.1059738	9.520525	.0192527	F -.007081
Stddev	.064755	.0147763	.0007134	.171615	.0054731	.001792
%RSD	.7610578	14.92422	.6731788	1.802583	28.42749	25.31516
#1	8.517356	.1160676	.1054341	9.498083	.0135217	-.008707
#2	8.568422	.0907750	.1057046	9.702257	.0198116	-.005159
#3	8.439818	.0901838	.1067826	9.361234	.0244249	-.007376

Reviewed By:Mohan
On:1/8/2025 7:28:17 AM
Inst Id :P5

Sample Name: PB165787BS Acquired: 01/06/2025 18:45:30 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v80) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCS787 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0184865	.1656854	F .4756227	F .0089083	.2013648	.2060831
Stddev	.0001427	.0012289	.0064807	.0029647	.0034098	.0010462
%RSD	.7720870	.7416911	1.362568	33.27961	1.693363	.5076581
#1	.0183285	.1664786	.4793846	.0112430	.2002326	.2054454
#2	.0186060	.1642699	.4793441	.0055728	.1986650	.2072905
#3	.0185251	.1663078	.4681395	.0099093	.2051967	.2055135

Elem	Li6707
Units	ppm
Avg	F .0121893
Stddev	.0133637
%RSD	109.6349
#1	.0207450
#2	-.003210
#3	.019033

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1586.904	14122.22	1277.272	1196.777	1715.925
Stddev	3.042	27.34	12.279	4.355	2.248
%RSD	.1916721	.1935668	.9613841	.3639102	.1310313
#1	1588.612	14152.06	1274.825	1197.035	1716.262
#2	1588.708	14116.23	1266.401	1200.997	1717.986
#3	1583.392	14098.38	1290.591	1192.298	1713.527

Reviewed By:Mohan
On:1/8/2025 7:28:17 AM
Inst Id :P5

Sample Name: P5121-10A Acquired: 01/06/2025 18:49:26 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v80) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHM51A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2089615	.0318951	4.970771	.1866943	.1303419	71.37397
Stddev	.0019771	.0013254	.006549	.0064945	.0022747	.24721
%RSD	.9461299	4.155483	.1317521	3.478675	1.745161	.3463528
#1	.2086316	.0309953	4.972330	.1938793	.1286917	71.47768
#2	.2110828	.0312728	4.963583	.1849619	.1329367	71.55243
#3	.2071702	.0334171	4.976400	.1812417	.1293974	71.09180

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.487670	.0106341	.0184160	348.0489	.1852899	.1415402
Stddev	.009718	.0002107	.0001326	.9566	.0013052	.0010902
%RSD	.3906407	1.981531	.7201950	.2748547	.7044215	.7702349
#1	2.478255	.0104409	.0184405	347.1318	.1846239	.1427064
#2	2.497665	.0108588	.0182728	349.0407	.1844520	.1405466
#3	2.487090	.0106026	.0185347	347.9741	.1867938	.1413675

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7899904	192.5374	7.910321	107.5546	.2239307	.0024810
Stddev	.0141963	.6438	.028907	.4304	.0005511	.0007856
%RSD	1.797015	.3343710	.3654281	.4001388	.2460833	31.66317
#1	.7754105	191.9533	7.895298	107.0807	.2235274	.0032741
#2	.8037691	193.2277	7.943645	107.9211	.2245586	.0024658
#3	.7907915	192.4313	7.892019	107.6621	.2237061	.0017032

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.043514	.2000802	3.957860	9.544338	F 18.66235	-.298546
Stddev	.017526	.0212027	.007961	.079632	.01672	.006266
%RSD	.8576438	10.59712	.2011372	.8343371	.0895728	2.098791
#1	2.062510	.2095434	3.966416	9.534681	18.67156	-.302084
#2	2.040062	.1757938	3.956493	9.628358	18.64306	-.302242
#3	2.027971	.2149035	3.950672	9.469975	18.67244	-.291311

Reviewed By:Mohan
On:1/8/2025 7:28:17 AM
Inst Id :P5

Sample Name: P5121-10A Acquired: 01/06/2025 18:49:26 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v80) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHM51A Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0135408	5.670497	10.07598	.3325941	1.142480	.6479308
Stddev	.0001646	.016048	.03624	.0027521	.005103	.0010439
%RSD	1.215526	.2830145	.3596568	.8274700	.4466810	.1611106
#1	.0133612	5.656612	10.10503	.3310953	1.140117	.6475661
#2	.0136845	5.666812	10.08754	.3309166	1.148337	.6491081
#3	.0135765	5.688067	10.03538	.3357703	1.138987	.6471181

Elem	Li6707
Units	ppm
Avg	.0792506
Stddev	.0052534
%RSD	6.628892
#1	.0779768
#2	.0850237
#3	.0747511

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1848.446	16646.88	1532.707	1389.623	1533.274
Stddev	.286	54.62	10.623	6.927	1.515
%RSD	.0154922	.3280963	.6930966	.4984491	.0987841
#1	1848.704	16586.61	1520.926	1381.699	1531.708
#2	1848.138	16693.10	1535.636	1392.643	1533.382
#3	1848.495	16660.91	1541.558	1394.526	1534.731

Reviewed By:Mohan
On:1/8/2025 7:28:17 AM
Inst Id :P5

Sample Name: P5127-04A Acquired: 01/06/2025 18:53:12 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v80) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHMB1A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0342844	.0199841	.2000406	.6029397	.0109014	23.63573	.2612766
Stddev	.0051867	.0015726	.0010915	.0042509	.0030540	.31821	.0030648
%RSD	15.12845	7.869012	.5456462	.7050359	28.01495	1.346289	1.172994
#1	.0402563	.0198156	.1988614	.6041040	.0106812	23.87589	.2578257
#2	.0316920	.0216341	.2002448	.5982279	.0079634	23.27482	.2636813
#3	.0309051	.0185025	.2010156	.6064872	.0140595	23.75647	.2623228

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0029213	.0021578	529.6075	.0481101	.0801039	.0221515	71.49669
Stddev	.0001094	.0001719	4.7465	.0005651	.0007566	.0064768	.86474
%RSD	3.743358	7.964787	.8962292	1.174643	.9444894	29.23867	1.209485
#1	.0029016	.0023535	531.7558	.0474845	.0809350	.0146887	71.90381
#2	.0028232	.0020883	524.1667	.0485837	.0799215	.0254606	70.50353
#3	.0030392	.0020316	532.9000	.0482620	.0794551	.0263053	72.08273

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.384516	92.35143	.0848972	.0134412	.5620738	.0491015	.2363570
Stddev	.035336	1.27112	.0006082	.0020314	.0291205	.0035618	.0014131
%RSD	1.044053	1.376391	.7164435	15.11337	5.180910	7.254010	.5978516
#1	3.402052	93.32489	.0850674	.0113686	.5956273	.0523897	.2377517
#2	3.343841	90.91337	.0842220	.0154288	.5472028	.0453179	.2349263
#3	3.407654	92.81601	.0854023	.0135260	.5433915	.0495968	.2363929

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.307164	1.433673	-.083543	.0063788	1.019117	5.614455	.0162455
Stddev	.187691	.007916	.002747	.0015114	.005983	.080914	.0002575
%RSD	2.568592	.5521230	3.288135	23.69471	.5871168	1.441170	1.585204
#1	7.137602	1.430466	-.086712	.0052408	1.014679	5.695879	.0161543
#2	7.508840	1.442689	-.082071	.0080937	1.025922	5.534062	.0160459
#3	7.275051	1.427864	-.081846	.0058019	1.016751	5.613424	.0165362

Reviewed By:Mohan
On:1/8/2025 7:28:17 AM
Inst Id :P5

Sample Name: P5127-04A Acquired: 01/06/2025 18:53:12 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v80) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHMB1A Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.1432189	.4139692	.0307143
Stddev	.0040362	.0045862	.0025541
%RSD	2.818207	1.107866	8.315837
#1	.1478513	.4156513	.0328478
#2	.1404599	.4087795	.0314110
#3	.1413453	.4174769	.0278841

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1614.965	14537.33	1338.337	1220.207	1523.200
Stddev	4.120	55.26	11.435	2.173	3.306
%RSD	.2551027	.3800939	.8544345	.1780938	.2170104
#1	1619.687	14508.78	1331.563	1218.020	1526.359
#2	1613.098	14601.02	1351.540	1220.235	1519.765
#3	1612.108	14502.20	1331.909	1222.366	1523.475

Reviewed By:Mohan
On:1/8/2025 7:28:17 AM
Inst Id :P5

Sample Name: P5122-19 Acquired: 01/06/2025 18:57:03 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v80) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHMD4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1704237	-.019262	3.955959	.0814538	.0533118	63.27857
Stddev	.0052753	.005113	.011952	.0073695	.0038731	.31185
%RSD	3.095424	26.54545	.3021178	9.047456	7.265025	.4928277
#1	.1712164	-.014061	3.954835	.0888464	.0576517	62.93926
#2	.1752578	-.024283	3.944610	.0741076	.0520771	63.55264
#3	.1647969	-.019442	3.968434	.0814076	.0502066	63.34383

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.638252	.0072348	.0135313	175.4698	.1744480	.1152089
Stddev	.007415	.0001163	.0000720	.5730	.0014565	.0001533
%RSD	.2810387	1.608037	.5317473	.3265319	.8349114	.1330491
#1	2.642751	.0072156	.0135851	175.6487	.1744425	.1151869
#2	2.642312	.0073595	.0134496	175.9319	.1759072	.1150678
#3	2.629695	.0071292	.0135593	174.8287	.1729943	.1153720

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4761851	211.7201	10.07995	36.83963	.2123531	-.016838
Stddev	.0032334	.7141	.02302	.27414	.0013269	.002116
%RSD	.6790310	.3373045	.2283556	.7441462	.6248643	12.56579
#1	.4772767	210.8955	10.05447	36.72699	.2129490	-.014555
#2	.4725472	212.1258	10.09925	37.15215	.2108327	-.017226
#3	.4787315	212.1391	10.08612	36.63976	.2132776	-.018733

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8845267	.2149496	3.045299	5.619835	F 16.68515	-.407175
Stddev	.0160286	.0068719	.011972	.479837	.01899	.007938
%RSD	1.812112	3.196972	.3931384	8.538278	.1138261	1.949595
#1	.9006302	.2105091	3.051762	5.206460	16.69352	-.411422
#2	.8685740	.2228649	3.031484	5.507015	16.66341	-.412086
#3	.8843758	.2114747	3.052651	6.146029	16.69851	-.398016

Reviewed By:Mohan
On:1/8/2025 7:28:17 AM
Inst Id :P5

Sample Name: P5122-19 Acquired: 01/06/2025 18:57:03 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v80) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHMD4 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0204066	4.121256	9.002709	.2137872	.8696957	.4683834
Stddev	.0007474	.013328	.157521	.0004479	.0016205	.0022803
%RSD	3.662387	.3234005	1.749709	.2094833	.1863281	.4868408
#1	.0209080	4.136341	9.122425	.2132900	.8688127	.4659927
#2	.0195476	4.111075	9.061443	.2141589	.8715659	.4705343
#3	.0207641	4.116352	8.824260	.2139127	.8687084	.4686231

Elem	Li6707
Units	ppm
Avg	.0761684
Stddev	.0027983
%RSD	3.673821
#1	.0793414
#2	.0740531
#3	.0751107

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1923.789	17123.27	1566.101	1443.289	1649.034
Stddev	6.198	85.75	22.056	9.117	5.008
%RSD	.3221791	.5007546	1.408307	.6316667	.3037120
#1	1927.262	17211.46	1557.646	1453.278	1650.752
#2	1927.472	17040.20	1549.524	1441.174	1652.957
#3	1916.633	17118.16	1591.133	1435.416	1643.392

Reviewed By:Mohan
On:1/8/2025 7:28:17 AM
Inst Id :P5

Sample Name: P5124-01 Acquired: 01/06/2025 19:00:50 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v80) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHM70 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1165152	-.010466	2.172135	.0529371	.0399910	48.89137
Stddev	.0015509	.003520	.028089	.0005147	.0020913	.26625
%RSD	1.331080	33.63214	1.293156	.9723289	5.229445	.5445746
#1	.1162502	-.007044	2.199274	.0534866	.0377300	48.70283
#2	.1151139	-.010277	2.143184	.0524662	.0403872	48.77533
#3	.1181816	-.014076	2.173947	.0528586	.0418559	49.19595

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.017205	.0057719	.0041911	172.0821	.5605303	.5167015
Stddev	.003397	.0001776	.0001787	.8908	.0094549	.0073923
%RSD	.3339823	3.076537	4.264228	.5176390	1.686778	1.430671
#1	1.015436	.0056484	.0041360	171.0892	.5652368	.5238374
#2	1.021122	.0059755	.0040463	172.8110	.5667084	.5090771
#3	1.015057	.0056920	.0043908	172.3462	.5496459	.5171899

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4879466	155.6512	4.778811	34.41046	.7668337	-.014091
Stddev	.0157940	.7558	.019073	.22125	.0072135	.001496
%RSD	3.236836	.4855744	.3991069	.6429821	.9406860	10.61516
#1	.4710186	154.8441	4.756991	34.16918	.7740183	-.014808
#2	.4905340	155.7670	4.787142	34.60384	.7595917	-.015094
#3	.5022872	156.3424	4.792302	34.45835	.7668912	-.012372

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4755505	.1486838	1.608074	5.286015	F 12.41496	-.289091
Stddev	.0200553	.0098544	.046500	.072469	.15231	.000685
%RSD	4.217272	6.627735	2.891667	1.370948	1.226806	.2371085
#1	.4970309	.1591751	1.636230	5.266205	12.55293	-.289861
#2	.4723043	.1472538	1.633590	5.366329	12.25153	-.288867
#3	.4573164	.1396226	1.554402	5.225511	12.44043	-.288546

Reviewed By:Mohan
On:1/8/2025 7:28:17 AM
Inst Id :P5

Sample Name: P5124-01 Acquired: 01/06/2025 19:00:50 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v80) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHM70 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0701073	4.680598	7.919602	.2061329	.7828337	.2048531
Stddev	.0011320	.053270	.027836	.0037139	.0026445	.0005078
%RSD	1.614664	1.138094	.3514780	1.801698	.3378154	.2478699
#1	.0709437	4.731788	7.891991	.2103901	.7803487	.2048293
#2	.0688192	4.625468	7.947657	.2044522	.7825394	.2043576
#3	.0705590	4.684538	7.919157	.2035565	.7856131	.2053723

Elem	Li6707
Units	ppm
Avg	.0660582
Stddev	.0025987
%RSD	3.933953
#1	.0675029
#2	.0676135
#3	.0630582

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1843.554	16569.70	1500.259	1390.198	1679.291
Stddev	18.796	266.82	10.218	30.205	20.473
%RSD	1.019559	1.610308	.6810774	2.172740	1.219131
#1	1825.466	16438.19	1512.037	1376.649	1659.809
#2	1862.986	16394.15	1494.961	1369.139	1700.629
#3	1842.210	16876.75	1493.777	1424.806	1677.436

Reviewed By:Mohan
On:1/8/2025 7:28:17 AM
Inst Id :P5

Sample Name: P5124-02 Acquired: 01/06/2025 19:04:38 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v80) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHM71 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1456301	-.010784	2.498940	.0521765	.0394835	55.73748
Stddev	.0038173	.001950	.008000	.0022832	.0036586	.42354
%RSD	2.621212	18.08500	.3201180	4.375845	9.266041	.7598815
#1	.1412593	-.008800	2.494044	.0517935	.0437080	56.04448
#2	.1483089	-.010852	2.494606	.0546270	.0373679	55.91367
#3	.1473221	-.012699	2.508172	.0501091	.0373745	55.25428

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.136474	.0059631	.0051796	343.6026	.3809606	.1496388
Stddev	.011311	.0002031	.0000583	3.2552	.0012505	.0009552
%RSD	.9952888	3.406053	1.125523	.9473786	.3282510	.6383605
#1	1.141975	.0057323	.0051170	346.1721	.3795207	.1486663
#2	1.143983	.0061147	.0051893	344.6938	.3815865	.1505758
#3	1.123465	.0060423	.0052324	339.9420	.3817746	.1496744

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5451490	171.8574	5.883245	40.17312	.7784700	-.017089
Stddev	.0106734	1.1355	.043432	.19627	.0024751	.001057
%RSD	1.957879	.6607140	.7382355	.4885534	.3179444	6.187038
#1	.5540642	172.9897	5.928880	40.36448	.7777971	-.018304
#2	.5480610	171.8636	5.878440	40.18260	.7764009	-.016376
#3	.5333219	170.7188	5.842415	39.97229	.7812119	-.016588

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7122891	.1774132	1.693446	6.318270	F 11.60536	-.316359
Stddev	.0206005	.0219913	.014427	.083010	.03559	.004617
%RSD	2.892149	12.39550	.8519571	1.313804	.3066612	1.459542
#1	.6934200	.2019835	1.692734	6.329687	11.58486	-.312010
#2	.7091800	.1706817	1.708217	6.394980	11.58477	-.315862
#3	.7342674	.1595745	1.679388	6.230143	11.64646	-.321205

Reviewed By:Mohan
On:1/8/2025 7:28:17 AM
Inst Id :P5

Sample Name: P5124-02 Acquired: 01/06/2025 19:04:38 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v80) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHM71 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0471858	3.706292	7.671332	.2436083	.7802725	.4147986
Stddev	.0001812	.012951	.027476	.0028767	.0055244	.0035337
%RSD	.3840894	.3494218	.3581624	1.180859	.7080096	.8519043
#1	.0469792	3.695187	7.690106	.2432707	.7818332	.4165704
#2	.0473181	3.703173	7.684093	.2409153	.7848486	.4170958
#3	.0472601	3.720518	7.639796	.2466388	.7741356	.4107295

Elem	Li6707
Units	ppm
Avg	.0880467
Stddev	.0100374
%RSD	11.40010
#1	.0814386
#2	.0831046
#3	.0995969

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1827.745	16313.32	1517.268	1370.189	1591.173
Stddev	2.800	27.63	9.940	12.454	1.850
%RSD	.1531905	.1693522	.6551421	.9089128	.1162869
#1	1824.815	16320.59	1508.592	1368.601	1592.610
#2	1830.394	16282.79	1515.098	1358.604	1591.823
#3	1828.027	16336.59	1528.114	1383.360	1589.085

Reviewed By:Mohan
On:1/8/2025 7:28:17 AM
Inst Id :P5

Sample Name: P5124-03 Acquired: 01/06/2025 19:08:24 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v80) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHM72 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1896879	-.029951	4.564510	.0904073	.0617579	54.09163
Stddev	.0010651	.004366	.087736	.0045445	.0053904	.57708
%RSD	.5614960	14.57657	1.922138	5.026726	8.728226	1.066851
#1	.1906830	-.025309	4.523778	.0864231	.0584546	53.50282
#2	.1898161	-.033975	4.665209	.0953570	.0588411	54.11587
#3	.1885645	-.030568	4.504544	.0894419	.0679782	54.65621

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.539803	.0078960	.0062232	155.6116	1.082493	.2153706
Stddev	.007229	.0001525	.0002022	1.0847	.003179	.0050022
%RSD	.4694958	1.930846	3.248954	.6970593	.2936929	2.322616
#1	1.532460	.0080485	.0061716	154.3671	1.083361	.2123009
#2	1.540035	.0078959	.0064462	156.1114	1.085149	.2211428
#3	1.546913	.0077436	.0060519	156.3562	1.078970	.2126681

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7382017	213.2544	4.846535	35.07784	2.022301	-.019581
Stddev	.0118897	1.0157	.029078	.46028	.047147	.000520
%RSD	1.610632	.4762767	.5999652	1.312169	2.331335	2.657076
#1	.7247498	212.2315	4.814402	34.82439	2.000551	-.019805
#2	.7425505	213.2690	4.854167	34.79998	2.076397	-.018987
#3	.7473047	214.2627	4.871035	35.60913	1.989956	-.019952

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7969728	.2159908	2.191471	4.540659	F 12.45235	-.412884
Stddev	.0140588	.0048891	.021797	.148565	.27517	.002202
%RSD	1.764020	2.263549	.9946059	3.271873	2.209821	.5334048
#1	.7825485	.2106404	2.169369	4.483253	12.30894	-.410678
#2	.8106350	.2202258	2.212949	4.709362	12.76961	-.415083
#3	.7977349	.2171061	2.192095	4.429362	12.27850	-.412890

Reviewed By:Mohan
On:1/8/2025 7:28:17 AM
Inst Id :P5

Sample Name: P5124-03 Acquired: 01/06/2025 19:08:24 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v80) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHM72 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1009387	4.097214	8.134583	.2547416	1.295202	.2521246
Stddev	.0022623	.087559	.042764	.0055708	.016890	.0036893
%RSD	2.241271	2.137036	.5257074	2.186825	1.304017	1.463285
#1	.0996815	4.049219	8.130167	.2516843	1.280553	.2482541
#2	.1035504	4.198276	8.094199	.2611716	1.291377	.2525184
#3	.0995842	4.044148	8.179384	.2513690	1.313676	.2556012

Elem	Li6707
Units	ppm
Avg	.0616240
Stddev	.0047330
%RSD	7.680475
#1	.0562300
#2	.0650828
#3	.0635591

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1803.608	16267.79	1490.681	1360.449	1643.193
Stddev	32.422	88.89	4.548	13.063	33.700
%RSD	1.797602	.5464185	.3050869	.9602188	2.050860
#1	1824.812	16276.05	1492.776	1372.906	1664.462
#2	1766.286	16175.06	1493.804	1346.854	1604.338
#3	1819.726	16352.26	1485.463	1361.588	1660.779

Reviewed By:Mohan
On:1/8/2025 7:28:17 AM
Inst Id :P5

Sample Name: P5124-04 Acquired: 01/06/2025 19:12:11 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v80) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHM73 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2047711	-.039140	3.181729	.1261444	.0630465	59.05511
Stddev	.0019706	.005523	.003155	.0055435	.0022432	.45068
%RSD	.9623207	14.11108	.0991715	4.394547	3.558012	.7631549
#1	.2057702	-.032763	3.178516	.1215758	.0605869	58.71373
#2	.2025011	-.042344	3.181848	.1245460	.0649796	58.88564
#3	.2060419	-.042314	3.184824	.1323115	.0635731	59.56596

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.605993	.0099967	.0069288	148.4730	.1617011	.1139589
Stddev	.010385	.0003044	.0000802	1.1242	.0004383	.0000273
%RSD	.6466392	3.045412	1.158160	.7571918	.2710767	.0239899
#1	1.603239	.0102692	.0069086	148.1974	.1620186	.1139477
#2	1.597262	.0096681	.0068606	147.5122	.1618838	.1139901
#3	1.617477	.0100528	.0070172	149.7094	.1612010	.1139390

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7078722	271.2282	5.853249	27.57764	.2299770	-.025221
Stddev	.0045733	2.7461	.037920	.16863	.0016156	.000768
%RSD	.6460575	1.012458	.6478485	.6114648	.7024912	3.045214
#1	.7108085	269.8918	5.829188	27.61632	.2290181	-.026020
#2	.7026029	269.4062	5.833597	27.39303	.2318422	-.024489
#3	.7102051	274.3867	5.896961	27.72356	.2290706	-.025153

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.001630	.2148964	2.196842	4.806213	F 12.05333	-.518785
Stddev	.027141	.0086137	.004976	.222501	.01002	.008576
%RSD	2.709663	4.008287	.2265209	4.629448	.0831342	1.653180
#1	1.012831	.2168319	2.201874	4.637032	12.06124	-.515724
#2	.970681	.2223777	2.191924	4.723351	12.05669	-.512159
#3	1.021377	.2054797	2.196727	5.058255	12.04206	-.528472

Reviewed By:Mohan
On:1/8/2025 7:28:17 AM
Inst Id :P5

Sample Name: P5124-04 Acquired: 01/06/2025 19:12:11 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v80) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHM73 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0229712	3.653515	8.226649	.2585926	1.274636	.3344978
Stddev	.0007325	.005113	.137038	.0025638	.003035	.0012436
%RSD	3.188602	.1399350	1.665787	.9914301	.2381117	.3717938
#1	.0221501	3.649647	8.153869	.2558798	1.273195	.3344196
#2	.0232062	3.651586	8.141355	.2589229	1.272590	.3332951
#3	.0235573	3.659311	8.384722	.2609753	1.278123	.3357787

Elem	Li6707
Units	ppm
Avg	.0669062
Stddev	.0041437
%RSD	6.193326
#1	.0697727
#2	.0621551
#3	.0687907

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1924.927	17153.07	1575.499	1438.710	1670.665
Stddev	9.585	67.15	22.560	7.302	6.100
%RSD	.4979457	.3914984	1.431946	.5075437	.3651518
#1	1925.851	17080.81	1579.609	1430.289	1668.900
#2	1934.018	17213.56	1595.722	1443.290	1677.453
#3	1914.914	17164.83	1551.166	1442.550	1665.641

Reviewed By:Mohan
On:1/8/2025 7:28:17 AM
Inst Id :P5

Sample Name: P5124-05 Acquired: 01/06/2025 19:15:59 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v80) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHM74 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1860825	-.014458	1.541481	.1159609	.0506492	61.96652
Stddev	.0003967	.003002	.007798	.0049512	.0010824	.21769
%RSD	.2131681	20.76568	.5058802	4.269713	2.137141	.3512968
#1	.1865075	-.015351	1.537701	.1190079	.0518656	62.14782
#2	.1857220	-.011110	1.550448	.1186267	.0497920	61.72509
#3	.1860181	-.016912	1.536293	.1102480	.0502900	62.02665

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.225811	.0062493	.0095155	145.0868	.2505115	.1379733
Stddev	.013581	.0000667	.0001698	.5761	.0013595	.0003600
%RSD	.6101710	1.066643	1.784813	.3970973	.5426898	.2609123
#1	2.239585	.0062240	.0093212	145.7145	.2499858	.1379292
#2	2.212431	.0061990	.0095900	144.5821	.2494933	.1383534
#3	2.225417	.0063249	.0096354	144.9638	.2520554	.1376375

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4912999	235.4255	19.18652	27.23602	.2722056	-.019048
Stddev	.0071489	1.5183	.13046	.11278	.0011051	.000746
%RSD	1.455091	.6449230	.6799691	.4140994	.4059895	3.913970
#1	.4991720	236.3195	19.27248	27.34487	.2711236	-.018684
#2	.4895151	233.6724	19.03640	27.11967	.2721608	-.018555
#3	.4852125	236.2846	19.25067	27.24353	.2733325	-.019906

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4565935	.1929287	1.113998	6.110733	F 15.79090	-.463130
Stddev	.0035403	.0031384	.006382	.198509	.01775	.007724
%RSD	.7753606	1.626730	.5729299	3.248523	.1124360	1.667872
#1	.4579071	.1965408	1.116281	5.957462	15.81076	-.470252
#2	.4525842	.1908687	1.118924	6.334972	15.77655	-.454919
#3	.4592891	.1913768	1.106788	6.039767	15.78540	-.464218

Reviewed By:Mohan
On:1/8/2025 7:28:17 AM
Inst Id :P5

Sample Name: P5124-05 Acquired: 01/06/2025 19:15:59 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v80) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHM74 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0263427	3.675200	8.556677	.1314893	.7228829	.1628316
Stddev	.0004910	.001807	.120670	.0024425	.0027397	.0007985
%RSD	1.863856	.0491653	1.410244	1.857606	.3789943	.4903792
#1	.0268411	3.675187	8.658294	.1292427	.7197356	.1636358
#2	.0258594	3.677014	8.423305	.1311359	.7241794	.1628202
#3	.0263277	3.673400	8.588434	.1340893	.7247336	.1620389

Elem	Li6707
Units	ppm
Avg	.0767202
Stddev	.0007543
%RSD	.9832284
#1	.0775307
#2	.0765912
#3	.0760386

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2396.242	21269.16	1960.935	1784.503	1656.440
Stddev	2.603	98.22	17.731	9.454	3.489
%RSD	.1086350	.4618004	.9042174	.5297985	.2106426
#1	2398.099	21382.33	1947.216	1790.325	1659.966
#2	2397.361	21206.05	1980.956	1773.595	1656.366
#3	2393.266	21219.11	1954.632	1789.590	1652.988

Reviewed By:Mohan
On:1/8/2025 7:28:17 AM
Inst Id :P5

Sample Name: P5124-06 Acquired: 01/06/2025 19:19:46 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v80) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHM75 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1220474	-.030378	.3556957	.0918909	.0393033	75.67278
Stddev	.0039313	.002361	.0050529	.0029409	.0015590	.31539
%RSD	3.221154	7.771643	1.420580	3.200486	3.966520	.4167858
#1	.1246482	-.027939	.3525657	.0899552	.0379124	75.45293
#2	.1175249	-.030543	.3615250	.0952751	.0409885	75.53127
#3	.1239692	-.032652	.3529964	.0904423	.0390091	76.03414

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.799975	.0062619	.0072152	40.00145	.2527195	.1375743
Stddev	.008377	.0000667	.0001206	.11172	.0008813	.0008821
%RSD	.4653727	1.065385	1.671464	.2792870	.3487344	.6411422
#1	1.799046	.0061941	.0072544	39.96979	.2527264	.1385814
#2	1.792102	.0062642	.0073114	39.90899	.2535974	.1369394
#3	1.808778	.0063275	.0070799	40.12559	.2518348	.1372020

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2843689	178.5160	7.707921	25.48434	.2171856	-.016386
Stddev	.0046871	.8560	.038308	.11201	.0004457	.001569
%RSD	1.648238	.4794899	.4969921	.4395100	.2052241	9.573256
#1	.2896767	177.5873	7.673336	25.56859	.2176220	-.015949
#2	.2807990	178.6872	7.701331	25.35723	.2167311	-.015082
#3	.2826311	179.2734	7.749097	25.52720	.2172036	-.018127

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2608639	.1664841	.6340129	6.249560	F 10.12349	-.363109
Stddev	.0024510	.0036020	.0015211	.138317	.03908	.006485
%RSD	.9395673	2.163574	.2399167	2.213222	.3860760	1.786020
#1	.2636637	.1664178	.6329202	6.115859	10.16809	-.368479
#2	.2591061	.1701188	.6357502	6.392071	10.10717	-.355904
#3	.2598219	.1629157	.6333684	6.240749	10.09522	-.364945

Reviewed By:Mohan
On:1/8/2025 7:28:17 AM
Inst Id :P5

Sample Name: P5124-06 Acquired: 01/06/2025 19:19:46 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v80) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHM75 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0077258	2.270341	8.116763	.0304577	.6939903	-.011977
Stddev	.0007218	.010210	.044271	.0001907	.0031838	.000380
%RSD	9.343229	.4497064	.5454246	.6260806	.4587648	3.175022
#1	.0082483	2.282126	8.166802	.0305809	.6976666	-.011668
#2	.0069022	2.264169	8.082688	.0302381	.6921529	-.011862
#3	.0080269	2.264727	8.100799	.0305542	.6921513	-.012402

Elem	Li6707
Units	ppm
Avg	.0847586
Stddev	.0012822
%RSD	1.512736
#1	.0858192
#2	.0833337
#3	.0851229

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2695.730	24083.03	2196.571	2025.773	1655.996
Stddev	7.206	80.11	11.745	11.851	9.555
%RSD	.2673000	.3326293	.5347105	.5850340	.5770009
#1	2687.660	24116.56	2183.034	2031.947	1644.983
#2	2698.012	23991.60	2202.621	2012.109	1660.931
#3	2701.519	24140.92	2204.057	2033.262	1662.075

Reviewed By:Mohan
On:1/8/2025 7:28:17 AM
Inst Id :P5

Sample Name: P5124-07 Acquired: 01/06/2025 19:23:34 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v80) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHM76 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0735424	.0043123	.2652940	.0379577	.0289550	50.08630	.9449804
Stddev	.0034247	.0006431	.0057899	.0088483	.0018274	.14491	.0042063
%RSD	4.656757	14.91299	2.182449	23.31086	6.311056	.2893211	.4451199
#1	.0771443	.0036413	.2634015	.0383872	.0279322	49.99791	.9489642
#2	.0703279	.0043723	.2717933	.0465835	.0310647	50.25354	.9405823
#3	.0731550	.0049233	.2606871	.0289025	.0278681	50.00744	.9453946

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0046391	.0036557	526.1445	.1364739	.1281962	.2031839	153.5526
Stddev	.0000249	.0002311	.8944	.0011474	.0007193	.0066544	.4515
%RSD	.5368860	6.321131	.1699913	.8407265	.5611234	3.275041	.2940585
#1	.0046668	.0038915	525.3849	.1353339	.1273919	.2107781	153.0316
#2	.0046185	.0034296	525.9184	.1364592	.1284183	.1983734	153.8301
#3	.0046319	.0036460	527.1303	.1376285	.1287782	.2004003	153.7961

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.680635	122.6657	.1628635	-.014372	.7059929	.1400809	.4839472
Stddev	.007861	.6775	.0009196	.000890	.0020312	.0073033	.0019501
%RSD	.1383902	.5522818	.5646391	6.190937	.2877084	5.213604	.4029556
#1	5.681864	121.9362	.1628782	-.014761	.7047365	.1474987	.4839076
#2	5.687809	122.7861	.1619366	-.013354	.7049059	.1328978	.4820172
#3	5.672231	123.2749	.1637756	-.015002	.7083363	.1398462	.4859168

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.417502	6.510139	-.285824	.0084992	1.427247	7.593019	.0403629
Stddev	.095305	.015977	.001740	.0006155	.008199	.030615	.0024974
%RSD	1.485078	.2454230	.6088754	7.242511	.5744539	.4032034	6.187377
#1	6.407487	6.517741	-.287158	.0089431	1.419897	7.610277	.0424947
#2	6.517420	6.491779	-.286458	.0087579	1.425756	7.611109	.0376151
#3	6.327601	6.520895	-.283856	.0077965	1.436090	7.557671	.0409788

Reviewed By:Mohan
On:1/8/2025 7:28:17 AM
Inst Id :P5

Sample Name: P5124-07 Acquired: 01/06/2025 19:23:34 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v80) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHM76 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.6679070	.2278633	.0631598
Stddev	.0040218	.0007573	.0029798
%RSD	.6021544	.3323344	4.717935
#1	.6644976	.2284886	.0630485
#2	.6668810	.2280801	.0602371
#3	.6723425	.2270214	.0661937

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1917.242	17256.46	1595.922	1433.113	1489.802
Stddev	7.291	29.37	9.424	.679	5.131
%RSD	.3802850	.1701726	.5905072	.0474032	.3444284
#1	1915.425	17227.99	1590.660	1432.329	1485.331
#2	1911.032	17254.74	1590.304	1433.518	1488.670
#3	1925.270	17286.65	1606.802	1433.493	1495.405

Reviewed By:Mohan
On:1/8/2025 7:28:17 AM
Inst Id :P5

Sample Name: CCV123 Acquired: 01/06/2025 19:27:24 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v80) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV123 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.763202	4.654891	23.70032	4.700179	4.708693	389.5670
Stddev	.024473	.010492	.03396	.010445	.013119	1.3238
%RSD	.5138026	.2254023	.1432993	.2222162	.2786194	.3398207
#1	4.745431	4.664648	23.73723	4.705075	4.713017	388.7613
#2	4.791116	4.656234	23.69335	4.707277	4.719104	388.8449
#3	4.753059	4.643792	23.67038	4.688186	4.693957	391.0949

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.662115	.4862184	2.377535	390.6251	14.94489	2.414328
Stddev	.021551	.0026025	.001633	.7803	.11590	.004457
%RSD	.2230468	.5352435	.0686713	.1997493	.7755210	.1846241
#1	9.660972	.4869549	2.378362	390.4113	14.98827	2.418564
#2	9.641158	.4833270	2.378590	389.9740	15.03284	2.414742
#3	9.684215	.4883732	2.375655	391.4899	14.81356	2.409678

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.59888	396.5685	14.45909	395.7820	2.410612	1.192025
Stddev	.00401	1.0179	.03830	1.1374	.004035	.006684
%RSD	.0275010	.2566671	.2648832	.2873897	.1673659	.5607349
#1	14.59688	396.8337	14.42945	395.2889	2.415244	1.192823
#2	14.60350	395.4443	14.44548	394.9744	2.407865	1.198274
#3	14.59625	397.4275	14.50234	397.0828	2.408728	1.184977

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	393.3624	2.425522	14.17130	146.8868	4.746066	F 4.266049
Stddev	3.7446	.033762	.11792	.2104	.012142	.017546
%RSD	.9519390	1.391962	.8321079	.1432099	.2558380	.4112831
#1	394.9633	2.416557	14.15959	146.9558	4.745423	4.266861
#2	389.0834	2.397147	14.29463	146.6505	4.758517	4.248111
#3	396.0403	2.462862	14.05966	147.0539	4.734258	4.283174

Reviewed By:Mohan
On:1/8/2025 7:28:17 AM
Inst Id :P5

Sample Name: CCV123 Acquired: 01/06/2025 19:27:24 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v80) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV123 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.671050	4.761485	4.785482	4.785914	4.829934	4.591745
Stddev	.003412	.007264	.019499	.011402	.006540	.011983
%RSD	.0730544	.1525506	.4074657	.2382330	.1354119	.2609598
#1	4.674154	4.753433	4.788402	4.793088	4.836477	4.589099
#2	4.671602	4.767545	4.764687	4.791887	4.823396	4.581306
#3	4.667396	4.763477	4.803356	4.772767	4.829928	4.604829

Elem	Li6707
Units	ppm
Avg	4.757445
Stddev	.009875
%RSD	.2075601
#1	4.749496
#2	4.754340
#3	4.768498

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1302.243	12727.90	1209.834	978.8045	1382.847
Stddev	5.014	121.36	7.410	7.5946	5.467
%RSD	.3850351	.9535151	.6125053	.7759106	.3953685
#1	1298.235	12646.90	1204.173	975.3089	1377.725
#2	1307.866	12669.36	1218.221	973.5870	1388.604
#3	1300.629	12867.44	1207.106	987.5175	1382.213

Reviewed By:Mohan
On:1/8/2025 7:28:17 AM
Inst Id :P5

Sample Name: CCB123 Acquired: 01/06/2025 19:31:09 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v80) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB123 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.006213	.0004686	-.000698	.0044924	.0013554	.0186874	.0001710
Stddev	.000253	.0029553	.003599	.0025271	.0007495	.0519520	.0026721
%RSD	4.075939	630.6832	515.6203	56.25328	55.29986	278.0053	1563.101
#1	-.006239	.0028116	-.001555	.0072892	.0018872	.0786319	-.001332
#2	-.006452	.0014456	.003252	.0038148	.0004982	-.013288	.003256
#3	-.005948	-.002851	-.003790	.0023732	.0016808	-.009281	-.001411

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000117	.0000565	-.043743	-.000545	-.000227	-.004140	-.005837
Stddev	.000145	.0000481	.059133	.000350	.000146	.006972	.037312
%RSD	124.0969	85.19945	135.1826	64.19234	64.46540	168.3852	639.2219
#1	.000050	.0000329	.015508	-.000256	-.000373	-.011986	.037218
#2	-.000189	.0000247	-.102757	-.000934	-.000226	.001343	-.026001
#3	-.000213	.0001119	-.043979	-.000446	-.000081	-.001777	-.028728

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0033932	-.036008	-.000320	-.000710	-.068697	.0019477	.0019278
Stddev	.0006946	.036185	.000678	.001386	.011624	.0116388	.0010991
%RSD	20.46919	100.4919	212.0866	195.3926	16.92002	597.5793	57.01579
#1	.0036964	-.000719	-.000980	-.002297	-.055434	-.011422	.0009597
#2	.0038846	-.073027	.000376	.000266	-.077109	.007447	.0031226
#3	.0025986	-.034278	-.000355	-.000098	-.073550	.009818	.0017011

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0719978	.0040315	.0075458	-.000666	-.005931	-.001448	-.000589
Stddev	.0853901	.0044621	.0003901	.000753	.002128	.000915	.000447
%RSD	118.6009	110.6792	5.169144	113.0688	35.87185	63.20258	76.01430
#1	.1560929	-.001121	.0072520	.000161	-.004346	-.001018	-.001062
#2	-.014631	.006604	.0073971	-.001310	-.005099	-.002499	-.000173
#3	.074531	.006611	.0079884	-.000848	-.008349	-.000827	-.000531

Reviewed By:Mohan
On:1/8/2025 7:28:17 AM
Inst Id :P5

Sample Name: CCB123 Acquired: 01/06/2025 19:31:09 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v80) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB123 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.0097547	.0004117	-.003849
Stddev	.0053308	.0002464	.002554
%RSD	54.64795	59.85282	66.34755
#1	.0140614	.0005109	-.004384
#2	.0037927	.0005930	-.001070
#3	.0114102	.0001311	-.006092

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1606.593	14404.95	1290.764	1217.753	1754.853
Stddev	1.981	19.30	5.976	3.564	1.682
%RSD	.1232830	.1339985	.4629523	.2926432	.0958603
#1	1607.252	14412.06	1296.898	1214.236	1752.922
#2	1604.366	14419.68	1290.433	1221.362	1755.999
#3	1608.159	14383.10	1284.961	1217.663	1755.639

Reviewed By:Mohan
On:1/8/2025 7:28:17 AM
Inst Id :P5

Sample Name: P5126-03A Acquired: 01/06/2025 19:35:10 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v80) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHMA0A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1654332	.0302806	3.670943	.0525981	.0466099	49.78722
Stddev	.0018363	.0033922	.007191	.0042367	.0048478	.54379
%RSD	1.110003	11.20261	.1959026	8.054796	10.40076	1.092223
#1	.1643459	.0263642	3.665068	.0562034	.0462944	49.21422
#2	.1675533	.0321764	3.668798	.0536592	.0419275	50.29612
#3	.1644004	.0323011	3.678963	.0479318	.0516076	49.85133

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.404014	.0069729	.0068349	160.6956	.1574432	.0999366
Stddev	.001952	.0003183	.0000264	.5628	.0005972	.0007388
%RSD	.1390571	4.564885	.3854794	.3502107	.3793190	.7392498
#1	1.402175	.0068040	.0068348	160.1075	.1569806	.0995251
#2	1.406063	.0067746	.0068087	161.2291	.1581174	.1007895
#3	1.403803	.0073400	.0068613	160.7502	.1572314	.0994952

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5128125	172.4590	5.422666	39.17449	.1982641	.0029569
Stddev	.0126292	1.1831	.040135	.34003	.0013817	.0025119
%RSD	2.462724	.6860313	.7401262	.8679854	.6969014	84.95081
#1	.4985783	171.1046	5.376323	38.94604	.1987510	.0007091
#2	.5171846	172.9813	5.445752	39.56526	.1993365	.0056683
#3	.5226747	173.2912	5.445924	39.01218	.1967049	.0024932

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9063925	.1958913	2.905902	5.259672	F 12.41419	-.317025
Stddev	.0123331	.0126911	.005467	.289956	.02226	.005346
%RSD	1.360681	6.478647	.1881236	5.512806	.1793411	1.686205
#1	.9034220	.2097162	2.906707	5.578161	12.39160	-.319935
#2	.9199396	.1847697	2.910921	5.189859	12.43611	-.320286
#3	.8958159	.1931879	2.900077	5.010997	12.41487	-.310856

Reviewed By:Mohan
On:1/8/2025 7:28:17 AM
Inst Id :P5

Sample Name: P5126-03A Acquired: 01/06/2025 19:35:10 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v80) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHMA0A Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0139116	4.066300	8.754599	.3486475	1.005616	.2287915
Stddev	.0004286	.009358	.048899	.0013735	.006404	.0025542
%RSD	3.081049	.2301338	.5585471	.3939623	.6368386	1.116393
#1	.0135159	4.056080	8.775331	.3470638	1.005415	.2268361
#2	.0138521	4.074448	8.789717	.3495138	.999314	.2316813
#3	.0143669	4.068372	8.698750	.3493650	1.012118	.2278571

Elem	Li6707
Units	ppm
Avg	.0565849
Stddev	.0015044
%RSD	2.658577
#1	.0583149
#2	.0555846
#3	.0558552

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1772.165	15870.58	1446.044	1328.623	1649.507
Stddev	1.976	24.84	6.567	.968	.941
%RSD	.1114828	.1565266	.4541690	.0728453	.0570453
#1	1773.137	15888.15	1448.477	1329.725	1648.929
#2	1773.467	15881.44	1438.608	1327.910	1650.592
#3	1769.892	15842.16	1451.049	1328.234	1648.998

Reviewed By:Mohan
On:1/8/2025 7:28:17 AM
Inst Id :P5

Sample Name: P5127-04ARE Acquired: 01/06/2025 19:38:57 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v80) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHMB1A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0350562	.0220265	.2034686	.0415131	.0132170	23.81209	.2644420
Stddev	.0023596	.0014734	.0073087	.0111227	.0012141	.09942	.0029029
%RSD	6.730902	6.689172	3.592066	26.79327	9.185977	.4175300	1.097762
#1	.0344158	.0224005	.2016711	.0506967	.0123609	23.92661	.2673715
#2	.0376699	.0232768	.1972263	.0446969	.0126836	23.76186	.2643883
#3	.0330830	.0204021	.2115084	.0291456	.0146065	23.74782	.2615664

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0026741	.0020122	532.9513	.0490785	.0808908	.0311210	72.10829
Stddev	.0001373	.0000642	2.5980	.0006571	.0005876	.0130981	.40139
%RSD	5.133233	3.189070	.4874657	1.338899	.7264460	42.08763	.5566451
#1	.0025319	.0020064	535.8924	.0497455	.0815017	.0264784	72.53915
#2	.0026847	.0019512	531.9923	.0484318	.0808412	.0459080	72.04078
#3	.0028058	.0020791	530.9691	.0490581	.0803296	.0209765	71.74493

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.418578	93.72033	.0840802	.0118511	.5900995	.0365902	.2370029
Stddev	.021667	1.01032	.0007389	.0033939	.0238958	.0079053	.0014501
%RSD	.6338116	1.078013	.8788234	28.63810	4.049457	21.60505	.6118348
#1	3.441877	94.78764	.0849207	.0093227	.5712462	.0374942	.2374702
#2	3.399033	92.77879	.0835329	.0157084	.6169739	.0440046	.2381617
#3	3.414825	93.59455	.0837871	.0105222	.5820783	.0282717	.2353768

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.544470	1.446696	-.079455	.0074614	1.023959	5.561576	.0182293
Stddev	.208880	.008700	.003362	.0017762	.005203	.089953	.0024071
%RSD	2.768644	.6013492	4.231340	23.80463	.5081025	1.617404	13.20473
#1	7.549780	1.453674	-.083337	.0078938	1.020888	5.665403	.0210010
#2	7.750643	1.449465	-.077491	.0089814	1.029967	5.507092	.0170240
#3	7.332986	1.436949	-.077538	.0055089	1.021023	5.512234	.0166629

Reviewed By:Mohan
On:1/8/2025 7:28:17 AM
Inst Id :P5

Sample Name: P5127-04ARE Acquired: 01/06/2025 19:38:57 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v80) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHMB1A Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.1443610	.4174306	.0340020
Stddev	.0027232	.0021997	.0027596
%RSD	1.886378	.5269630	8.116116
#1	.1474634	.4189647	.0312956
#2	.1432542	.4149104	.0338984
#3	.1423655	.4184169	.0368119

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1612.362	14490.55	1340.189	1211.752	1512.207
Stddev	1.001	27.76	16.020	9.896	2.640
%RSD	.0620749	.1915599	1.195379	.8166337	.1745995
#1	1613.112	14522.49	1321.868	1219.773	1511.699
#2	1611.225	14472.21	1347.134	1200.694	1509.857
#3	1612.748	14476.96	1351.565	1214.789	1515.064

Reviewed By:Mohan
On:1/8/2025 7:28:17 AM
Inst Id :P5

Sample Name: P5128-019A Acquired: 01/06/2025 19:42:50 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v80) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHMK9A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2192578	.0209137	5.210439	.1491401	.1244502	64.89493
Stddev	.0017297	.0022391	.009304	.0028125	.0004426	.08736
%RSD	.7889073	10.70638	.1785712	1.885811	.3556168	.1346193
#1	.2182475	.0232619	5.213182	.1517000	.1245816	64.95158
#2	.2182708	.0206767	5.200071	.1495909	.1239568	64.93888
#3	.2212551	.0188026	5.218063	.1461294	.1248122	64.79432

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.994549	.0071287	.0146486	90.19127	.1729266	.1321631
Stddev	.003063	.0001421	.0001205	.28775	.0014152	.0006003
%RSD	.1535852	1.993073	.8222863	.3190423	.8183587	.4541790
#1	1.996826	.0069654	.0147867	90.27870	.1739259	.1317672
#2	1.995755	.0072242	.0145647	90.42515	.1735467	.1318684
#3	1.991067	.0071964	.0145945	89.86994	.1713072	.1328538

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6296878	202.8998	15.46075	29.17265	.2355131	.0038630
Stddev	.0115651	.6042	.04360	.07972	.0007651	.0011814
%RSD	1.836637	.2978003	.2819945	.2732579	.3248828	30.58318
#1	.6183635	203.2437	15.48473	29.21756	.2359269	.0052271
#2	.6292202	203.2536	15.48709	29.21978	.2359823	.0031979
#3	.6414795	202.2021	15.41042	29.08061	.2346302	.0031641

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5495047	.1737658	3.158970	8.542913	F 11.47625	-.398184
Stddev	.0084914	.0034375	.008587	.095039	.02177	.003858
%RSD	1.545282	1.978216	.2718297	1.112486	.1897178	.9688410
#1	.5506320	.1754341	3.149449	8.577980	11.46776	-.401393
#2	.5405060	.1760507	3.166128	8.615436	11.46000	-.399254
#3	.5573762	.1698125	3.161333	8.435324	11.50098	-.393903

Reviewed By:Mohan
On:1/8/2025 7:28:17 AM
Inst Id :P5

Sample Name: P5128-019A Acquired: 01/06/2025 19:42:50 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v80) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHMK9A Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0138897	2.996144	9.256179	.2502695	.7488051	.0341391
Stddev	.0004476	.007669	.021595	.0025620	.0036383	.0004445
%RSD	3.222312	.2559642	.2333006	1.023690	.4858871	1.301898
#1	.0135652	2.992520	9.280714	.2495168	.7484736	.0340295
#2	.0144003	2.990959	9.247763	.2481682	.7525979	.0346281
#3	.0137036	3.004954	9.240059	.2531235	.7453439	.0337596

Elem	Li6707
Units	ppm
Avg	.0689290
Stddev	.0050747
%RSD	7.362204
#1	.0645784
#2	.0745038
#3	.0677047

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1965.768	17548.71	1580.234	1479.149	1672.815
Stddev	1.016	42.88	7.381	7.416	1.650
%RSD	.0516978	.2443759	.4671092	.5013693	.0986164
#1	1966.876	17561.19	1573.869	1484.378	1674.720
#2	1964.880	17500.97	1578.507	1470.662	1671.873
#3	1965.548	17583.97	1588.326	1482.407	1671.852

Reviewed By:Mohan
On:1/8/2025 7:28:17 AM
Inst Id :P5

Sample Name: P5122-12A Acquired: 01/06/2025 19:46:37 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v80) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHMC9A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1635775	.0115924	6.317645	.1003271	.0755277	62.25408
Stddev	.0024627	.0082573	.015423	.0026913	.0017178	.31139
%RSD	1.505542	71.22994	.2441222	2.682532	2.274336	.5001976
#1	.1663523	.0209603	6.328192	.1033432	.0768443	62.28911
#2	.1627289	.0084462	6.299945	.0981706	.0761542	61.92665
#3	.1616512	.0053708	6.324800	.0994674	.0735847	62.54648

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.016167	.0085739	.0080109	401.0122	.1900408	.1347247
Stddev	.004566	.0000580	.0000768	1.4262	.0008643	.0007802
%RSD	.2264733	.6766331	.9582285	.3556464	.4548235	.5791202
#1	2.017208	.0085080	.0080883	401.1997	.1907939	.1344443
#2	2.011170	.0086172	.0079348	399.5015	.1890971	.1341235
#3	2.020122	.0085965	.0080096	402.3353	.1902315	.1356064

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4506984	253.2311	5.625836	65.67927	.2871650	-.007998
Stddev	.0285693	.7346	.032571	.49807	.0010135	.001722
%RSD	6.338902	.2900871	.5789541	.7583439	.3529430	21.53341
#1	.4219615	253.7073	5.638919	65.68037	.2879117	-.009795
#2	.4510365	252.3851	5.588758	65.18065	.2860112	-.006362
#3	.4790972	253.6008	5.649831	66.17680	.2875722	-.007836

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.158851	.3044264	3.750668	10.69014	F 16.16538	-.425149
Stddev	.025265	.0032039	.009528	.29713	.01461	.005960
%RSD	1.170277	1.052435	.2540225	2.779477	.0903645	1.401793
#1	2.186308	.3075560	3.739683	10.42504	16.16123	-.431420
#2	2.153659	.3045701	3.756686	10.63407	16.15330	-.424470
#3	2.136585	.3011530	3.755634	11.01131	16.18162	-.419558

Reviewed By:Mohan
On:1/8/2025 7:28:17 AM
Inst Id :P5

Sample Name: P5122-12A Acquired: 01/06/2025 19:46:37 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v80) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHMC9A Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0133549	4.850729	7.381155	.3564460	1.714126	.8283962
Stddev	.0013975	.013539	.055715	.0004169	.014759	.0027328
%RSD	10.46443	.2791136	.7548318	.1169530	.8609925	.3298851
#1	.0139563	4.849454	7.436663	.3569273	1.730784	.8286828
#2	.0143510	4.837873	7.325235	.3562001	1.708912	.8255315
#3	.0117574	4.864861	7.381569	.3562106	1.702682	.8309744

Elem	Li6707
Units	ppm
Avg	.0762570
Stddev	.0018878
%RSD	2.475617
#1	.0763575
#2	.0780926
#3	.0743210

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1740.150	15718.01	1442.807	1302.696	1550.437
Stddev	3.422	18.28	7.591	3.370	3.979
%RSD	.1966612	.1163270	.5261490	.2586865	.2566644
#1	1738.318	15730.84	1434.484	1306.376	1548.744
#2	1744.098	15726.12	1449.352	1299.760	1554.983
#3	1738.033	15697.08	1444.584	1301.953	1547.584

Reviewed By:Mohan
On:1/8/2025 7:28:17 AM
Inst Id :P5

Sample Name: P5124-19A Acquired: 01/06/2025 19:50:23 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v80) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHM88A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1324924	.0235696	.8355943	.1226379	.0334468	52.24198	.6254818
Stddev	.0049929	.0039003	.0044996	.0014865	.0010905	.52310	.0034460
%RSD	3.768450	16.54819	.5384869	1.212127	3.260258	1.001309	.5509352
#1	.1360986	.0267657	.8306459	.1211231	.0332352	51.64763	.6257708
#2	.1345850	.0192236	.8394399	.1240944	.0346275	52.44585	.6287741
#3	.1267937	.0247194	.8366972	.1226963	.0324776	52.63244	.6219003

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0068700	.0018937	48.38994	.0849434	.0779925	.1342191	140.8412
Stddev	.0001227	.0000723	.29201	.0008130	.0002590	.0075226	1.1066
%RSD	1.786184	3.817851	.6034423	.9570829	.3320483	5.604710	.7856969
#1	.0067288	.0019016	48.05400	.0842858	.0779484	.1421940	139.5661
#2	.0069503	.0018178	48.58297	.0846920	.0782708	.1332131	141.4072
#3	.0069310	.0019618	48.53284	.0858523	.0777585	.1272501	141.5502

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.744454	21.46584	.1468894	.0043563	.5858876	.1371183	1.266381
Stddev	.043928	.04248	.0002724	.0010614	.0255699	.0037593	.008164
%RSD	.6513222	.1979052	.1854466	24.36431	4.364295	2.741672	.6447029
#1	6.693805	21.41972	.1471651	.0051487	.5564075	.1411380	1.275530
#2	6.772166	21.50337	.1466204	.0031504	.6020458	.1365276	1.259838
#3	6.767392	21.47442	.1468827	.0047700	.5992095	.1336893	1.263774

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.758341	3.733193	-.257568	.0106250	5.572064	7.705091	.0435130
Stddev	.095116	.004961	.001945	.0007361	.012351	.053582	.0025313
%RSD	2.530788	.1329009	.7549875	6.928135	.2216583	.6954079	5.817227
#1	3.721944	3.730362	-.255401	.0097800	5.584608	7.643543	.0464026
#2	3.686798	3.730296	-.258143	.0109681	5.559916	7.741335	.0424489
#3	3.866280	3.738922	-.259161	.0111270	5.571667	7.730394	.0416876

Reviewed By:Mohan
On:1/8/2025 7:28:17 AM
Inst Id :P5

Sample Name: P5124-19A Acquired: 01/06/2025 19:50:23 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v80) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHM88A Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	1.570124	.1620805	.0489088
Stddev	.008822	.0004379	.0029759
%RSD	.5618619	.2701663	6.084671
#1	1.560054	.1615768	.0454786
#2	1.576494	.1622945	.0508012
#3	1.573822	.1623703	.0504466

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1787.382	15923.75	1435.011	1342.539	1735.597
Stddev	1.861	6.19	9.311	10.987	.517
%RSD	.1041077	.0388596	.6488356	.8183721	.0298036
#1	1785.328	15930.41	1445.755	1331.028	1735.334
#2	1787.862	15922.66	1429.978	1352.913	1736.193
#3	1788.955	15918.18	1429.300	1343.675	1735.264

Reviewed By:Mohan
On:1/8/2025 7:28:17 AM
Inst Id :P5

Sample Name: P5129-01A Acquired: 01/06/2025 19:54:10 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v80) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHMK3A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2186786	.0340359	2.643500	.2407688	.1161243	79.57359
Stddev	.0024902	.0053391	.003390	.0046125	.0033047	.63516
%RSD	1.138748	15.68667	.1282389	1.915720	2.845810	.7982044
#1	.2178620	.0392648	2.639654	.2450754	.1192920	80.03544
#2	.2214746	.0342499	2.644792	.2413293	.1163830	78.84926
#3	.2166993	.0285930	2.646054	.2359017	.1126979	79.83607

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.630353	.0076641	.0079877	88.67011	.1490933	.1542070
Stddev	.018313	.0000507	.0002849	.71358	.0013668	.0007115
%RSD	1.123235	.6611534	3.567152	.8047547	.9167342	.4613726
#1	1.639479	.0077060	.0076820	88.99709	.1491096	.1542262
#2	1.609270	.0076784	.0080352	87.85164	.1477184	.1534861
#3	1.642309	.0076078	.0082460	89.16161	.1504518	.1549086

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.219418	195.1165	18.87116	23.35493	.2346827	.0012438
Stddev	.016008	1.0940	.11934	.19725	.0014663	.0012435
%RSD	1.312783	.5606931	.6324087	.8445754	.6247978	99.97185
#1	1.228936	196.0164	18.93224	23.34990	.2362394	.0002110
#2	1.200936	193.8988	18.73364	23.16025	.2344812	.0026241
#3	1.228381	195.4345	18.94761	23.55465	.2333276	.0008964

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3690134	.2136088	3.660094	11.46306	F 12.29347	-.376980
Stddev	.0160315	.0171698	.006215	.19419	.01417	.003133
%RSD	4.344417	8.037954	.1698112	1.694015	.1152471	.8311630
#1	.3806165	.2136254	3.652967	11.61309	12.29964	-.379609
#2	.3507205	.1964307	3.664388	11.53235	12.27727	-.373513
#3	.3757031	.2307702	3.662926	11.24373	12.30351	-.377819

Reviewed By:Mohan
On:1/8/2025 7:28:17 AM
Inst Id :P5

Sample Name: P5129-01A Acquired: 01/06/2025 19:54:10 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v80) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHMK3A Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0140658	3.568940	8.380092	.1859862	.7595801	.1004361
Stddev	.0002081	.002603	.028964	.0012547	.0041838	.0013712
%RSD	1.479252	.0729483	.3456342	.6746311	.5508064	1.365227
#1	.0138318	3.567641	8.395188	.1863936	.7626352	.1014501
#2	.0142301	3.571937	8.346697	.1845784	.7548116	.0988760
#3	.0141355	3.567241	8.398390	.1869866	.7612935	.1009822

Elem	Li6707
Units	ppm
Avg	.0840197
Stddev	.0076897
%RSD	9.152196
#1	.0907021
#2	.0857422
#3	.0756149

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2034.048	18097.65	1662.083	1513.854	1663.961
Stddev	4.346	165.51	15.576	8.732	4.846
%RSD	.2136581	.9145471	.9371103	.5768239	.2912149
#1	2034.003	18045.92	1653.021	1512.223	1667.282
#2	2038.416	18282.85	1680.068	1523.287	1666.200
#3	2029.725	17964.19	1653.160	1506.052	1658.400

Reviewed By:Mohan
On:1/8/2025 7:28:17 AM
Inst Id :P5

Sample Name: P5130-15A Acquired: 01/06/2025 19:57:57 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v80) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHMH5A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4524268	.0267265	14.13432	.2673714	.0571705	66.48848
Stddev	.0054157	.0038366	.02841	.0038372	.0037819	.68746
%RSD	1.197030	14.35505	.2010336	1.435138	6.615153	1.033959
#1	.4530129	.0233046	14.16703	.2629626	.0608459	65.69468
#2	.4467419	.0260008	14.12019	.2699569	.0573754	66.88865
#3	.4575256	.0308741	14.11574	.2691948	.0532904	66.88211

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.363172	.0064179	.0169791	144.2126	.1640516	.1420536
Stddev	.014161	.0001466	.0000854	1.2071	.0011094	.0001009
%RSD	.4210512	2.283504	.5030282	.8370481	.6762402	.0710515
#1	3.348203	.0063826	.0170462	142.8407	.1653325	.1421597
#2	3.364957	.0062922	.0170082	144.6847	.1634037	.1420425
#3	3.376355	.0065788	.0168830	145.1123	.1634184	.1419587

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.719331	232.8445	16.57355	44.10388	.2027057	-.017300
Stddev	.022781	2.1233	.11888	.39269	.0021848	.000394
%RSD	1.324990	.9119055	.7172735	.8903704	1.077812	2.277763
#1	1.697225	230.4938	16.43628	43.66082	.2040190	-.017707
#2	1.718035	233.4165	16.64238	44.40893	.2039144	-.017274
#3	1.742732	234.6233	16.64198	44.24190	.2001836	-.016920

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8831811	.1676543	5.902971	7.988727	F 31.17587	-.412349
Stddev	.0297296	.0049020	.034540	.355682	.03302	.001229
%RSD	3.366200	2.923887	.5851313	4.452297	.1059276	.2981705
#1	.8559264	.1675960	5.874291	7.940137	31.21400	-.413413
#2	.8787326	.1725852	5.941313	7.659838	31.15707	-.411003
#3	.9148843	.1627817	5.893308	8.366206	31.15654	-.412629

Reviewed By:Mohan
On:1/8/2025 7:28:17 AM
Inst Id :P5

Sample Name: P5130-15A Acquired: 01/06/2025 19:57:57 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v80) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHMH5A Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0174782	5.980092	8.876558	1.062237	1.001411	.2777478
Stddev	.0010212	.018381	.080412	.004438	.018143	.0024785
%RSD	5.842568	.3073638	.9058887	.4178108	1.811721	.8923645
#1	.0182134	5.981524	8.799005	1.066792	.983600	.2749332
#2	.0179089	5.997715	8.871117	1.061993	1.019868	.2796041
#3	.0163122	5.961037	8.959552	1.057926	1.000767	.2787061

Elem	Li6707
Units	ppm
Avg	.0670789
Stddev	.0034109
%RSD	5.084988
#1	.0697213
#2	.0632283
#3	.0682869

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1964.772	17652.55	1613.395	1474.594	1600.231
Stddev	2.593	68.70	10.511	3.948	2.319
%RSD	.1319979	.3891535	.6514919	.2677361	.1448960
#1	1966.432	17573.91	1621.381	1477.030	1599.102
#2	1966.100	17700.86	1617.317	1470.039	1602.898
#3	1961.784	17682.88	1601.487	1476.714	1598.693

Reviewed By:Mohan
On:1/8/2025 7:28:17 AM
Inst Id :P5

Sample Name: P5127-04DL2X2 Acquired: 01/06/2025 20:01:44 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v80) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHMB1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0127251	.0245154	.1078282	-.040736	.0043812	13.40290	.1429402
Stddev	.0032826	.0038737	.0031551	.006601	.0049911	.11288	.0031118
%RSD	25.79673	15.80119	2.926049	16.20484	113.9212	.8421916	2.176996
#1	.0141675	.0285881	.1105053	-.039238	.0014196	13.27307	.1459562
#2	.0089682	.0240808	.1043496	-.047958	.0015803	13.45784	.1431238
#3	.0150395	.0208773	.1086296	-.035013	.0101436	13.47779	.1397407

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0015897	.0011580	286.5599	.0266654	.0578010	.0005253	38.84283
Stddev	.0004431	.0000714	1.6014	.0004419	.0002748	.0115661	.16262
%RSD	27.87343	6.167295	.5588201	1.657261	.4753733	2201.769	.4186515
#1	.0011699	.0012394	284.8259	.0261684	.0580814	-.012793	38.68610
#2	.0015462	.0011060	286.8707	.0270139	.0575323	.008040	38.83165
#3	.0020529	.0011286	287.9831	.0268140	.0577893	.006329	39.01075

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.858549	51.02398	.0460657	-.005134	.1775061	.0216770	.1305505
Stddev	.011829	.38500	.0007130	.001674	.0218390	.0089680	.0010201
%RSD	.6364730	.7545507	1.547792	32.60853	12.30326	41.37080	.7813450
#1	1.854504	50.60625	.0459427	-.007067	.1526644	.0239461	.1316995
#2	1.871869	51.10111	.0454223	-.004129	.1861703	.0117925	.1302007
#3	1.849272	51.36458	.0468323	-.004207	.1936836	.0292925	.1297514

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.983975	.7415550	-.045066	.0076557	.5316277	3.535825	.0129271
Stddev	.100336	.0041749	.002698	.0011408	.0048110	.013211	.0007762
%RSD	2.518482	.5629895	5.987459	14.90173	.9049606	.3736394	6.004188
#1	4.094867	.7457113	-.047535	.0089723	.5369324	3.544582	.0131681
#2	3.957589	.7415917	-.042186	.0070371	.5275468	3.520629	.0135541
#3	3.899469	.7373618	-.045477	.0069578	.5304037	3.542263	.0120590

Reviewed By:Mohan
On:1/8/2025 7:28:17 AM
Inst Id :P5

Sample Name: P5127-04DL2X2 Acquired: 01/06/2025 20:01:44 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v80) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHMB1 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.1008164	.2232350	.0135356
Stddev	.0118682	.0013192	.0031003
%RSD	11.77209	.5909399	22.90495
#1	.0885634	.2223439	.0170372
#2	.1122582	.2247505	.0111395
#3	.1016277	.2226107	.0124302

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1588.336	14212.58	1302.490	1186.351	1560.611
Stddev	6.803	86.22	7.540	7.476	3.281
%RSD	.4282823	.6066612	.5788871	.6301414	.2102353
#1	1590.318	14134.12	1307.023	1178.789	1562.793
#2	1593.928	14198.73	1293.786	1186.527	1562.203
#3	1580.763	14304.89	1306.661	1193.738	1556.838

Reviewed By:Mohan
On:1/8/2025 7:28:17 AM
Inst Id :P5

Sample Name: P5127-05DL2X2 Acquired: 01/06/2025 20:05:36 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v80) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHMB1D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0116935	.0298194	.1037922	-.042260	.0097250	13.03801	.1380369
Stddev	.0061056	.0005390	.0047292	.007266	.0070808	1.07307	.0156194
%RSD	52.21320	1.807583	4.556449	17.19467	72.80999	8.230345	11.31540
#1	.0142157	.0293429	.0993255	-.041728	.0066537	13.29602	.1392921
#2	.0161339	.0297108	.1033048	-.035274	.0046984	13.95857	.1529909
#3	.0047310	.0304044	.1087463	-.049777	.0178228	11.85946	.1218277

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0016154	.0009888	280.7713	.0262427	.0561576	.0058879	37.83521
Stddev	.0003177	.0001977	22.1015	.0007335	.0005649	.0239232	2.92882
%RSD	19.66636	19.99433	7.871694	2.795010	1.005936	406.3141	7.741000
#1	.0013445	.0009641	284.6403	.0254652	.0568076	-.003404	38.38406
#2	.0019651	.0008046	300.6828	.0263407	.0558805	.033063	40.45078
#3	.0015366	.0011977	256.9908	.0269223	.0557848	-.011996	34.67078

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.802712	50.14594	.0439030	-.002333	.1670974	.0286453	.1230849
Stddev	.154622	3.70832	.0003667	.001527	.0389491	.0238284	.0016020
%RSD	8.577161	7.395059	.8352837	65.45123	23.30923	83.18425	1.301546
#1	1.830760	50.95740	.0442246	-.001890	.1797344	.0550465	.1228577
#2	1.941391	53.38133	.0439808	-.001076	.1981590	.0087347	.1216086
#3	1.635987	46.09908	.0435036	-.004032	.1233989	.0221546	.1247884

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.986134	.7153052	-.043489	.0080716	.5211649	3.476447	.0102178
Stddev	.584591	.0069907	.001368	.0004426	.0032356	.250715	.0001267
%RSD	14.66561	.9773039	3.144775	5.482759	.6208455	7.211807	1.240399
#1	4.096855	.7076989	-.044877	.0083959	.5203088	3.517989	.0103005
#2	4.507446	.7167679	-.043447	.0075675	.5184435	3.703796	.0102811
#3	3.354100	.7214489	-.042142	.0082515	.5247425	3.207556	.0100719

Reviewed By:Mohan
On:1/8/2025 7:28:17 AM
Inst Id :P5

Sample Name: P5127-05DL2X2 Acquired: 01/06/2025 20:05:36 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v80) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHMB1D Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.0993554	.2179683	.0086320
Stddev	.0089817	.0171433	.0025874
%RSD	9.040005	7.865048	29.97426
#1	.1054764	.2207461	.0089542
#2	.1035456	.2335531	.0110433
#3	.0890443	.1996057	.0058987

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1597.749	14392.63	1319.732	1204.679	1572.130
Stddev	6.478	39.57	93.868	12.556	6.210
%RSD	.4054464	.2749628	7.112634	1.042280	.3950347
#1	1592.928	14370.48	1297.673	1195.436	1567.171
#2	1605.113	14438.32	1238.859	1218.974	1579.096
#3	1595.207	14369.10	1422.665	1199.627	1570.122

Reviewed By:Mohan
On:1/8/2025 7:28:17 AM
Inst Id :P5

Sample Name: P5127-04LDL2X10 Acquired: 01/06/2025 20:09:28 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v80) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHMB1L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.004702	.0161919	.0214562	-.033401	.0011339	3.075604	.0293408
Stddev	.002616	.0018066	.0040273	.001604	.0035448	.021224	.0016274
%RSD	55.63455	11.15714	18.76980	4.802158	312.6370	.6900912	5.546439
#1	-.003937	.0153757	.0181276	-.034672	-.002957	3.071377	.0282417
#2	-.007616	.0182625	.0259328	-.033932	.003068	3.056811	.0312103
#3	-.002554	.0149375	.0203081	-.031599	.003291	3.098624	.0285703

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002623	.0000928	57.45259	.0057235	.0261034	-.010416	7.764972
Stddev	.0002189	.0001777	.12486	.0005784	.0001171	.007361	.073076
%RSD	83.44759	191.4506	.2173282	10.10520	.4487521	70.66974	.9411000
#1	.0004202	.0000049	57.31163	.0063822	.0262232	-.002875	7.848207
#2	.0000124	.0002974	57.49681	.0054894	.0259891	-.017583	7.711351
#3	.0003544	-.000024	57.54931	.0052988	.0260979	-.010790	7.735359

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3768931	10.51037	.0087619	-.000302	-.176416	.0122299	.0236810
Stddev	.0044093	.06305	.0010340	.001704	.032486	.0113702	.0006557
%RSD	1.169917	.5999106	11.80103	563.8521	18.41461	92.97054	2.768900
#1	.3747300	10.58283	.0082582	-.000049	-.146378	-.000690	.0232183
#2	.3739829	10.48030	.0099513	-.002119	-.171977	.020713	.0244314
#3	.3819662	10.46798	.0080764	.001262	-.210894	.016666	.0233934

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7806263	.1385831	-.015371	.0043560	.1059147	1.018629	.0002747
Stddev	.1072272	.0018322	.002542	.0001570	.0072342	.019889	.0007189
%RSD	13.73604	1.322132	16.53916	3.603599	6.830239	1.952506	261.7054
#1	.8009410	.1379710	-.013240	.0044657	.0975639	1.003090	-.000410
#2	.8762430	.1371353	-.018185	.0044262	.1102700	1.011755	.000211
#3	.6646949	.1406431	-.014688	.0041762	.1099102	1.041044	.001024

Reviewed By:Mohan
On:1/8/2025 7:28:17 AM
Inst Id :P5

Sample Name: P5127-04LDL2X10 Acquired: 01/06/2025 20:09:28 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v80) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHMB1L Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.0408729	.0447957	-.010875
Stddev	.0092398	.0002752	.007427
%RSD	22.60610	.6143049	68.29253
#1	.0324067	.0448370	-.002640
#2	.0507288	.0445023	-.017065
#3	.0394832	.0450480	-.012920

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1584.851	14189.44	1291.968	1198.976	1665.049
Stddev	8.312	50.61	9.922	4.096	7.590
%RSD	.5244645	.3566949	.7679900	.3416331	.4558206
#1	1588.318	14137.70	1283.660	1194.386	1669.554
#2	1590.868	14238.84	1302.954	1202.261	1669.308
#3	1575.367	14191.77	1289.288	1200.280	1656.287

Reviewed By:Mohan
On:1/8/2025 7:28:17 AM
Inst Id :P5

Sample Name: P5127-06DL2X2 Acquired: 01/06/2025 20:13:26 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v80) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHMB1S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0539368	.0697300	.1276903	.0417751	.0907866	16.54176	2.038033
Stddev	.0014454	.0032784	.0018636	.0069582	.0061547	.13391	.011020
%RSD	2.679748	4.701556	1.459464	16.65631	6.779360	.8095512	.5407292
#1	.0528494	.0700116	.1284619	.0496908	.0978368	16.38742	2.027943
#2	.0555769	.0728585	.1255648	.0390103	.0880378	16.62713	2.036363
#3	.0533840	.0663199	.1290441	.0366242	.0864853	16.61073	2.049793

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0501551	.0487863	281.4572	.2343460	.5371555	.2246620	39.01654
Stddev	.0002936	.0000350	1.6420	.0013226	.0008018	.0114254	.24119
%RSD	.5854572	.0717752	.5834064	.5643727	.1492642	5.085583	.6181614
#1	.0504930	.0487464	279.7659	.2343444	.5367307	.2353922	38.87360
#2	.0499615	.0488004	281.5604	.2356694	.5366554	.2126496	38.88102
#3	.0500109	.0488121	283.0452	.2330242	.5380803	.2259442	39.29500

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.296701	50.25262	.5300392	.0332592	.1965972	.4984473	.5511722
Stddev	.012702	.44349	.0010365	.0018398	.0057023	.0208986	.0028722
%RSD	.5530717	.8825141	.1955532	5.531575	2.900493	4.192736	.5211165
#1	2.282823	49.74294	.5288673	.0334110	.1946187	.4844971	.5488305
#2	2.299531	50.46449	.5308359	.0313482	.1921477	.5224751	.5503090
#3	2.307751	50.55044	.5304144	.0350183	.2030252	.4883697	.5543771

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.553722	.7266248	-.041511	.0078463	.5296954	4.869484	.0110329
Stddev	.134780	.0051617	.001065	.0009965	.0021893	.023091	.0020155
%RSD	2.959784	.7103671	2.565791	12.70087	.4133118	.4742040	18.26824
#1	4.627116	.7260409	-.042560	.0075447	.5273257	4.895117	.0087139
#2	4.635877	.7217799	-.041542	.0089588	.5316427	4.850309	.0120213
#3	4.398173	.7320536	-.040431	.0070354	.5301178	4.863025	.0123634

Reviewed By:Mohan
On:1/8/2025 7:28:17 AM
Inst Id :P5

Sample Name: P5127-06DL2X2 Acquired: 01/06/2025 20:13:26 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v80) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHMB1S Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.1793183	.2190592	.0151434
Stddev	.0152959	.0016345	.0046206
%RSD	8.530011	.7461211	30.51207
#1	.1758385	.2172323	.0100660
#2	.1660620	.2203828	.0162626
#3	.1960542	.2195625	.0191014

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1567.490	13960.61	1289.193	1166.092	1538.039
Stddev	1.386	52.08	.685	10.701	1.000
%RSD	.0884535	.3730406	.0531287	.9176864	.0650340
#1	1566.144	14011.66	1289.839	1178.030	1536.917
#2	1568.914	13962.59	1288.475	1162.884	1538.364
#3	1567.411	13907.56	1289.265	1157.362	1538.837

Reviewed By:Mohan
On:1/8/2025 7:28:17 AM
Inst Id :P5

Sample Name: P5122-08DLX2 Acquired: 01/06/2025 20:17:14 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v80) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHM69 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0137119	.0257717	.0872686	-.023410	.0128107	27.88657	.3309943
Stddev	.0046860	.0041743	.0044633	.007115	.0030073	.30795	.0039234
%RSD	34.17485	16.19703	5.114498	30.39322	23.47525	1.104295	1.185340
#1	.0184284	.0215849	.0868189	-.030551	.0124808	27.77308	.3301704
#2	.0136505	.0299333	.0919399	-.016321	.0159693	27.65147	.3275483
#3	.0090569	.0257970	.0830472	-.023357	.0099818	28.23516	.3352642

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0021228	.0011439	556.3912	.0564858	.0790041	.1053152	71.36822
Stddev	.0002573	.0000835	3.5527	.0004993	.0006246	.0180508	.70421
%RSD	12.12125	7.300810	.6385184	.8838843	.7905790	17.13975	.9867282
#1	.0018259	.0012394	553.3647	.0559467	.0788486	.0860685	71.03865
#2	.0022790	.0010847	555.5062	.0565785	.0784719	.1080101	70.88923
#3	.0022637	.0011076	560.3027	.0569322	.0796917	.1218670	72.17678

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.594444	130.6509	.0815446	-.007514	.7986152	.0636083	.2328908
Stddev	.032261	1.9477	.0005627	.000897	.0216788	.0139840	.0011296
%RSD	.7021816	1.490736	.6900181	11.93429	2.714544	21.98460	.4850345
#1	4.574753	129.2255	.0810802	-.007400	.7856605	.0797510	.2340281
#2	4.576903	129.8571	.0813832	-.006680	.7865425	.0552006	.2317690
#3	4.631675	132.8701	.0821703	-.008462	.8236425	.0558733	.2328753

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.671590	5.346818	-.121910	.0069693	.7866915	3.464732	.0164882
Stddev	.223919	.023618	.001257	.0002877	.0038443	.026691	.0004996
%RSD	6.098680	.4417222	1.031003	4.128837	.4886646	.7703486	3.029896
#1	3.756130	5.332662	-.120728	.0069182	.7910286	3.471169	.0168595
#2	3.417709	5.333710	-.121770	.0067105	.7837042	3.435412	.0166847
#3	3.840931	5.374083	-.123230	.0072792	.7853416	3.487616	.0159202

Reviewed By:Mohan
On:1/8/2025 7:28:17 AM
Inst Id :P5

Sample Name: P5122-08DLX2 Acquired: 01/06/2025 20:17:14 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v80) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHM69 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.4929337	.6262165	.0435729
Stddev	.0054475	.0040023	.0027808
%RSD	1.105111	.6391299	6.381892
#1	.4985399	.6229901	.0467533
#2	.4926009	.6249641	.0423651
#3	.4876603	.6306953	.0416002

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1616.380	14549.02	1346.241	1209.911	1451.436
Stddev	6.540	24.53	11.495	2.741	3.768
%RSD	.4046353	.1685927	.8538577	.2265559	.2596099
#1	1623.794	14555.12	1342.603	1211.139	1455.711
#2	1611.425	14569.92	1359.115	1211.824	1450.000
#3	1613.922	14522.01	1337.005	1206.771	1448.597

Reviewed By:Mohan
On:1/8/2025 7:28:17 AM
Inst Id :P5

Sample Name: P5122-16DLX2 Acquired: 01/06/2025 20:21:04 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v80) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHM55 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1000713	.0038848	1.375479	.0666868	.0321831	39.25819
Stddev	.0019321	.0060276	.003260	.0035668	.0029802	.12061
%RSD	1.930734	155.1590	.2369744	5.348557	9.260268	.3072323
#1	.1013465	.0094503	1.377446	.0687749	.0287532	39.15744
#2	.0978483	.0047216	1.371717	.0625683	.0336555	39.39184
#3	.1010192	-.002518	1.377275	.0687170	.0341405	39.22528

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.234511	.0020654	.0046395	64.31154	.1234475	.0872291
Stddev	.011810	.0003198	.0000241	.15456	.0019169	.0000528
%RSD	.5285490	15.48333	.5192509	.2403356	1.552847	.0605711
#1	2.222169	.0023011	.0046623	64.13792	.1253092	.0872202
#2	2.245706	.0021939	.0046143	64.43416	.1214797	.0871813
#3	2.235659	.0017014	.0046420	64.36253	.1235537	.0872858

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2948190	133.5920	26.23152	18.85200	.1008401	-.006411
Stddev	.0060162	.3795	.05252	.12748	.0014118	.000606
%RSD	2.040630	.2840951	.2002314	.6762061	1.399999	9.456958
#1	.2909126	133.1914	26.17253	18.88958	.1007940	-.006767
#2	.2917973	133.9463	26.27323	18.95647	.1022743	-.005711
#3	.3017470	133.6382	26.24880	18.70996	.0994519	-.006755

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1540390	.0947752	1.189297	2.825712	F 13.76868	-.268570
Stddev	.0189715	.0131245	.002779	.233441	.01049	.001915
%RSD	12.31605	13.84807	.2336445	8.261333	.0761550	.7131270
#1	.1362221	.1088466	1.186296	2.778144	13.77439	-.266747
#2	.1519094	.0828661	1.191780	3.079274	13.75658	-.268397
#3	.1739854	.0926128	1.189817	2.619718	13.77507	-.270566

Reviewed By:Mohan
On:1/8/2025 7:28:17 AM
Inst Id :P5

Sample Name: P5122-16DLX2 Acquired: 01/06/2025 20:21:04 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v80) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHM55 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0152596	2.933702	5.063221	.1298710	.4184509	.3061772
Stddev	.0000288	.002642	.035314	.0009324	.0019187	.0007516
%RSD	.1885384	.0900537	.6974691	.7179679	.4585217	.2454702
#1	.0152809	2.935568	5.023544	.1289431	.4162413	.3058410
#2	.0152269	2.934859	5.091209	.1298622	.4194157	.3070382
#3	.0152711	2.930679	5.074910	.1308079	.4196958	.3056524

Elem	Li6707
Units	ppm
Avg	.0458456
Stddev	.0060832
%RSD	13.26887
#1	.0528447
#2	.0428603
#3	.0418317

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1878.872	16754.70	1517.025	1412.253	1666.190
Stddev	4.862	57.16	6.942	2.355	5.674
%RSD	.2587461	.3411575	.4575866	.1667586	.3405534
#1	1875.566	16689.44	1523.825	1409.539	1660.341
#2	1876.595	16795.88	1509.950	1413.448	1666.558
#3	1884.454	16778.79	1517.301	1413.770	1671.672

Reviewed By:Mohan
On:1/8/2025 7:28:17 AM
Inst Id :P5

Sample Name: P5127-03DLX2 Acquired: 01/06/2025 20:24:54 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v80) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHMB0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0427132	.0185231	.5172372	-.004176	.0154479	29.00291	.4893250
Stddev	.0046432	.0025698	.0043992	.003306	.0062623	.19090	.0023651
%RSD	10.87078	13.87332	.8505210	79.17860	40.53841	.6582265	.4833306
#1	.0465024	.0214814	.5171185	-.005191	.0213609	29.04070	.4917228
#2	.0441036	.0172453	.5128985	-.000481	.0088867	28.79594	.4869942
#3	.0375336	.0168428	.5216945	-.006856	.0160962	29.17209	.4892579

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0029349	.0013998	436.2415	.0463272	.0827755	.0633788	90.50185
Stddev	.0000428	.0001553	2.2972	.0002906	.0013730	.0112990	.58935
%RSD	1.459165	11.09263	.5265810	.6272043	1.658674	17.82777	.6511979
#1	.0029527	.0014666	437.0811	.0461649	.0831252	.0648099	90.74865
#2	.0029660	.0015105	433.6427	.0461540	.0812614	.0514324	89.82923
#3	.0028861	.0012223	438.0008	.0466627	.0839397	.0738940	90.92767

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.248182	68.93669	.0876563	-.008143	.4399882	.0759050	.3907561
Stddev	.043692	.44939	.0008223	.001914	.0043840	.0073879	.0012544
%RSD	.5297180	.6518860	.9381238	23.49845	.9963836	9.733057	.3210135
#1	8.253888	68.77087	.0877817	-.009737	.4423308	.0813139	.3901985
#2	8.201917	68.59377	.0867784	-.008671	.4427032	.0674875	.3921926
#3	8.288740	69.44543	.0884086	-.006021	.4349306	.0789135	.3898772

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.883904	2.565772	-.151570	.0085049	1.242825	4.676927	.0317067
Stddev	.318818	.005622	.003254	.0011186	.005278	.029560	.0016131
%RSD	6.527941	.2191290	2.146641	13.15302	.4247041	.6320449	5.087626
#1	4.974857	2.559894	-.153514	.0078650	1.248623	4.707865	.0334444
#2	4.529492	2.566325	-.153383	.0078531	1.238300	4.648970	.0302569
#3	5.147362	2.571098	-.147814	.0097966	1.241553	4.673947	.0314188

Reviewed By:Mohan
On:1/8/2025 7:28:17 AM
Inst Id :P5

Sample Name: P5127-03DLX2 Acquired: 01/06/2025 20:24:54 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v80) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHMB0 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.2154621	.3094681	.0494306
Stddev	.0064654	.0017046	.0010468
%RSD	3.000708	.5508041	2.117700
#1	.2201394	.3093610	.0482236
#2	.2080842	.3078196	.0499790
#3	.2181626	.3112237	.0500894

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1639.928	14846.02	1362.563	1233.451	1512.642
Stddev	4.066	74.92	10.021	3.785	1.761
%RSD	.2479352	.5046509	.7354208	.3068561	.1164072
#1	1641.644	14862.93	1354.933	1237.483	1514.547
#2	1635.285	14911.03	1373.911	1232.896	1511.075
#3	1642.854	14764.08	1358.843	1229.974	1512.302

Reviewed By:Mohan
On:1/8/2025 7:28:17 AM
Inst Id :P5

Sample Name: P5131-10DLX2 Acquired: 01/06/2025 20:28:43 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v80) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHMM7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0879405	.0037003	.6620353	.0435360	.0207852	39.64093	.8028562
Stddev	.0038346	.0008502	.0023441	.0048796	.0009394	.43152	.0125763
%RSD	4.360451	22.97715	.3540716	11.20820	4.519455	1.088563	1.566446
#1	.0835348	.0031514	.6644288	.0463228	.0207291	39.15346	.7920952
#2	.0905263	.0046797	.6619333	.0463836	.0217514	39.79531	.7997921
#3	.0897603	.0032699	.6597439	.0379016	.0198752	39.97402	.8166815

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0029412	.0050039	76.59669	.0753047	.0869774	.2712129	115.9264
Stddev	.0001835	.0001134	.95856	.0006575	.0011920	.0145726	1.6183
%RSD	6.239351	2.265849	1.251440	.8731392	1.370480	5.373136	1.395951
#1	.0027397	.0049729	75.54898	.0757366	.0856990	.2560550	114.0763
#2	.0030988	.0049093	76.81140	.0756295	.0880584	.2851196	116.6247
#3	.0029850	.0051296	77.42969	.0745480	.0871747	.2724641	117.0784

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.65346	12.42976	.1127948	-.007345	.7861986	.0860172	1.158852
Stddev	.20045	.16685	.0009728	.001896	.0034216	.0059963	.006392
%RSD	1.203661	1.342339	.8624582	25.81878	.4352119	6.971029	.5515704
#1	16.42855	12.26603	.1118933	-.006549	.7824642	.0922695	1.166135
#2	16.71859	12.42368	.1126652	-.005976	.7891830	.0854673	1.154174
#3	16.81325	12.59957	.1138259	-.009510	.7869487	.0803148	1.156247

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.759826	4.749547	-.236365	.0154975	.8236653	6.476929	.0372327
Stddev	.042305	.012996	.004003	.0005650	.0060403	.072679	.0018196
%RSD	1.532887	.2736325	1.693490	3.645428	.7333407	1.122115	4.887115
#1	2.755947	4.758134	-.231823	.0158941	.8242210	6.393208	.0352636
#2	2.719594	4.755912	-.237896	.0157477	.8294086	6.523816	.0388520
#3	2.803937	4.734596	-.239376	.0148506	.8173664	6.513763	.0375825

Reviewed By:Mohan
On:1/8/2025 7:28:17 AM
Inst Id :P5

Sample Name: P5131-10DLX2 Acquired: 01/06/2025 20:28:43 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v80) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHMM7 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.3846802	.0168836	.0199765
Stddev	.0061348	.0004221	.0083551
%RSD	1.594791	2.500008	41.82484
#1	.3865161	.0171287	.0292915
#2	.3778370	.0163962	.0174939
#3	.3896874	.0171258	.0131439

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1788.145	15998.59	1441.313	1340.218	1674.723
Stddev	5.982	75.30	14.336	7.592	3.588
%RSD	.3345403	.4706766	.9946562	.5664406	.2142617
#1	1790.609	15928.41	1457.696	1332.651	1678.414
#2	1792.502	16078.14	1435.181	1347.834	1674.507
#3	1781.325	15989.22	1431.063	1340.170	1671.247

Reviewed By:Mohan
On:1/8/2025 7:28:17 AM
Inst Id :P5

Sample Name: P5056-20DLX2 Acquired: 01/06/2025 20:32:33 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v80) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHL47 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0275544	.0223003	.1492732	-.013797	.0155987	29.02580	.3260673
Stddev	.0039696	.0048453	.0034224	.002931	.0020723	.16864	.0047120
%RSD	14.40655	21.72746	2.292700	21.24774	13.28523	.5809954	1.445103
#1	.0237852	.0265886	.1520405	-.016499	.0132186	29.19617	.3224380
#2	.0316980	.0232682	.1454463	-.014211	.0170031	29.02226	.3243714
#3	.0271801	.0170441	.1503327	-.010680	.0165744	28.85895	.3313925

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0023068	.0009098	434.3354	.0435887	.0750335	.0727818	78.50941
Stddev	.0000339	.0000737	1.4226	.0010674	.0003312	.0090273	.16592
%RSD	1.469961	8.103759	.3275266	2.448875	.4413961	12.40321	.2113417
#1	.0023176	.0008474	433.7286	.0444326	.0753925	.0747394	78.33300
#2	.0023340	.0009911	433.3169	.0439449	.0749683	.0629363	78.66235
#3	.0022688	.0008909	435.9608	.0423888	.0747398	.0806696	78.53287

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.398912	103.0693	.0843161	-.008124	.5603823	.0549764	.2262086
Stddev	.010208	.1033	.0014733	.001701	.0267702	.0102131	.0022001
%RSD	.2320505	.1002047	1.747339	20.94238	4.777134	18.57721	.9725795
#1	4.387472	103.1411	.0858999	-.007626	.5636894	.0432841	.2261433
#2	4.402174	102.9509	.0840619	-.010019	.5321122	.0594901	.2284406
#3	4.407090	103.1158	.0829864	-.006728	.5853453	.0621549	.2240419

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.329952	2.168341	-.140086	.0080397	.6282582	7.265818	.0217161
Stddev	.177826	.008244	.004001	.0008096	.0019105	.019858	.0031228
%RSD	5.340206	.3801791	2.856139	10.07017	.3040878	.2733090	14.38019
#1	3.445855	2.160750	-.141605	.0089503	.6265699	7.276866	.0206837
#2	3.125211	2.167164	-.143105	.0074011	.6303320	7.277695	.0192401
#3	3.418789	2.177111	-.135548	.0077678	.6278727	7.242893	.0252243

Reviewed By:Mohan
On:1/8/2025 7:28:17 AM
Inst Id :P5

Sample Name: P5056-20DLX2 Acquired: 01/06/2025 20:32:33 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v80) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHL47 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.3962495	.3433697	.0454420
Stddev	.0039778	.0007544	.0048405
%RSD	1.003850	.2197011	10.65197
#1	.3962473	.3425739	.0452937
#2	.4002283	.3434608	.0406774
#3	.3922728	.3440744	.0503550

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1608.704	14500.79	1327.147	1204.891	1501.831
Stddev	2.167	64.16	5.906	3.070	3.124
%RSD	.1347304	.4424834	.4450195	.2547536	.2079891
#1	1606.846	14440.63	1320.329	1203.003	1502.222
#2	1611.085	14568.32	1330.453	1208.433	1504.741
#3	1608.182	14493.43	1330.661	1203.237	1498.531

Reviewed By:Mohan
On:1/8/2025 7:28:17 AM
Inst Id :P5

Sample Name: P5056-21DLX2 Acquired: 01/06/2025 20:36:23 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v80) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHL47D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0271452	.0247894	.1481174	-.019195	.0105099	29.20921	.3237154
Stddev	.0039695	.0061765	.0021886	.008489	.0037647	.26064	.0032826
%RSD	14.62325	24.91605	1.477584	44.22443	35.82082	.8923069	1.014032
#1	.0276190	.0231029	.1485834	-.019517	.0074803	28.91912	.3199425
#2	.0229601	.0196313	.1500353	-.027519	.0093248	29.42365	.3259172
#3	.0308566	.0316340	.1457333	-.010550	.0147246	29.28487	.3252864

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0023878	.0009420	433.1307	.0444173	.0753184	.0687550	78.77682
Stddev	.0001542	.0000647	1.6726	.0014844	.0011675	.0045955	.29751
%RSD	6.457193	6.868842	.3861729	3.341912	1.550106	6.683925	.3776634
#1	.0023034	.0008732	431.2802	.0442027	.0744336	.0739711	78.43617
#2	.0022942	.0009513	433.5771	.0430519	.0748799	.0653023	78.98564
#3	.0025657	.0010016	434.5349	.0459973	.0766417	.0669917	78.90866

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.390734	103.5456	.0854660	-.008299	.5566692	.0754706	.2281487
Stddev	.033957	.7967	.0008057	.001110	.0129067	.0136802	.0017180
%RSD	.7733699	.7694380	.9427552	13.37562	2.318560	18.12646	.7529938
#1	4.365359	102.7828	.0863545	-.007354	.5441543	.0731932	.2283023
#2	4.377534	104.3723	.0852606	-.009522	.5699349	.0630721	.2297848
#3	4.429308	103.4815	.0847828	-.008023	.5559185	.0901466	.2263592

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.348151	2.192580	-.135831	.0077416	.6284801	7.248772	.0206175
Stddev	.188564	.013895	.004021	.0011193	.0026683	.027485	.0021916
%RSD	5.631898	.6337084	2.960647	14.45827	.4245702	.3791655	10.62960
#1	3.169242	2.206345	-.140213	.0079946	.6302866	7.224819	.0188075
#2	3.330134	2.178559	-.132308	.0087128	.6254153	7.242718	.0199908
#3	3.545077	2.192837	-.134972	.0065175	.6297385	7.278779	.0230541

Reviewed By:Mohan
On:1/8/2025 7:28:17 AM
Inst Id :P5

Sample Name: P5056-21DLX2 Acquired: 01/06/2025 20:36:23 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v80) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHL47D Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.3990182	.3452377	.0380691
Stddev	.0041026	.0021092	.0040664
%RSD	1.028170	.6109322	10.68162
#1	.3965199	.3428125	.0416224
#2	.4037530	.3462570	.0389507
#3	.3967816	.3466437	.0336342

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1601.718	14459.00	1328.702	1191.948	1494.726
Stddev	3.847	35.46	2.579	6.484	4.073
%RSD	.2401569	.2452550	.1940804	.5440095	.2724964
#1	1598.120	14486.45	1331.453	1193.136	1490.114
#2	1605.773	14418.97	1326.339	1184.952	1497.830
#3	1601.260	14471.59	1328.314	1197.756	1496.233

Reviewed By:Mohan
On:1/8/2025 7:28:17 AM
Inst Id :P5

Sample Name: P5056-20LDLX10 Acquired: 01/06/2025 20:40:14 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v80) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHL47L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003546	.0176833	.0354353	-.038750	.0034711	6.061585	.0698214
Stddev	.002379	.0045231	.0006021	.006294	.0016450	.087469	.0041738
%RSD	67.07673	25.57821	1.699075	16.24250	47.39175	1.443010	5.977856
#1	-.003382	.0229060	.0350676	-.034438	.0033147	5.965239	.0696555
#2	-.001254	.0150494	.0361302	-.035840	.0019099	6.083509	.0740758
#3	-.006003	.0150945	.0351082	-.045972	.0051888	6.136006	.0657331

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002506	.0002851	91.14688	.0091280	.0335651	.0169775	16.42676
Stddev	.0001583	.0001093	.38863	.0008240	.0002915	.0083665	.08153
%RSD	63.15684	38.33043	.4263805	9.027382	.8685754	49.28007	.4963071
#1	.0002452	.0003274	90.76783	.0085947	.0334054	.0121842	16.34234
#2	.0004116	.0001610	91.12837	.0087121	.0339016	.0266382	16.43288
#3	.0000951	.0003670	91.54443	.0100770	.0333883	.0121100	16.50505

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9395053	22.30822	.0171048	-.002209	-.111436	.0153237	.0429858
Stddev	.0080047	.27603	.0003520	.002118	.012600	.0169220	.0004837
%RSD	.8520154	1.237338	2.057621	95.89669	11.30737	110.4297	1.125192
#1	.9303209	22.01477	.0174499	-.003380	-.096966	-.003168	.0424281
#2	.9449976	22.34723	.0167464	.000236	-.119986	.030038	.0432398
#3	.9431975	22.56267	.0171181	-.003483	-.117356	.019101	.0432896

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3856331	.4057238	-.036671	.0063208	.1290315	1.509690	.0038116
Stddev	.4171017	.0032646	.002172	.0004397	.0031718	.008992	.0014411
%RSD	108.1603	.8046391	5.923063	6.956195	2.458129	.5956092	37.80890
#1	.1045487	.4071322	-.035111	.0064513	.1254456	1.499347	.0022421
#2	.8648750	.4080478	-.035750	.0066805	.1301791	1.515651	.0050752
#3	.1874755	.4019914	-.039152	.0058307	.1314697	1.514072	.0041176

Reviewed By:Mohan
On:1/8/2025 7:28:17 AM
Inst Id :P5

Sample Name: P5056-20LDLX10 Acquired: 01/06/2025 20:40:14 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v80) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHL47L Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.0883712	.0714613	-.007357
Stddev	.0033368	.0007056	.003499
%RSD	3.775919	.9873772	47.56354
#1	.0848010	.0710157	-.011093
#2	.0914111	.0710935	-.006821
#3	.0889014	.0722749	-.004157

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1582.992	14216.54	1293.516	1190.767	1631.816
Stddev	2.035	79.27	7.143	8.546	3.598
%RSD	.1285480	.5575880	.5521901	.7177240	.2204651
#1	1585.075	14146.44	1294.881	1192.505	1635.814
#2	1582.892	14200.61	1285.789	1181.485	1630.798
#3	1581.009	14302.56	1299.878	1198.311	1628.838

Reviewed By:Mohan
On:1/8/2025 7:28:17 AM
Inst Id :P5

Sample Name: P5056-22DLX2 Acquired: 01/06/2025 20:44:12 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v80) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHL47S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0673126	.0655180	.1682652	.0588210	.0939998	30.75249	2.136815
Stddev	.0023666	.0093689	.0052973	.0023113	.0025671	.03460	.005992
%RSD	3.515795	14.29968	3.148196	3.929360	2.730956	.1125100	.2803958
#1	.0670582	.0548956	.1722355	.0610569	.0922590	30.74343	2.139207
#2	.0650836	.0690544	.1622503	.0564411	.0927923	30.72331	2.129997
#3	.0697961	.0726040	.1703099	.0589650	.0969480	30.79071	2.141241

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0492649	.0481788	432.4593	.2390727	.5514937	.2945526	79.24160
Stddev	.0004198	.0000706	.5140	.0011475	.0015167	.0290632	.12873
%RSD	.8521157	.1466103	.1188614	.4799829	.2750238	9.866893	.1624503
#1	.0497117	.0482577	433.0334	.2403928	.5513043	.3276806	79.37444
#2	.0492040	.0481572	432.0417	.2383143	.5500805	.2826331	79.11742
#3	.0488788	.0481215	432.3027	.2385109	.5530962	.2733441	79.23294

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.856683	103.1468	.5648029	.0238816	.5608321	.5194277	.6350781
Stddev	.011255	.2015	.0008803	.0011872	.0083517	.0008522	.0038729
%RSD	.2317341	.1953834	.1558610	4.971080	1.489164	.1640618	.6098326
#1	4.860358	103.2319	.5654776	.0252522	.5701442	.5195618	.6314247
#2	4.844050	103.2918	.5651240	.0231736	.5540046	.5185165	.6391384
#3	4.865640	102.9167	.5638071	.0232190	.5583475	.5202049	.6346712

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.500703	2.186135	-.137731	.0086761	.6347745	7.252726	.0213497
Stddev	.076350	.009598	.003892	.0002661	.0079325	.040487	.0008932
%RSD	2.180989	.4390537	2.825475	3.066976	1.249652	.5582284	4.183889
#1	3.546991	2.180437	-.136119	.0089773	.6425713	7.293734	.0207878
#2	3.542539	2.180751	-.142169	.0084727	.6267130	7.212782	.0223797
#3	3.412579	2.197216	-.134904	.0085783	.6350393	7.251661	.0208817

Reviewed By:Mohan
On:1/8/2025 7:28:17 AM
Inst Id :P5

Sample Name: P5056-22DLX2 Acquired: 01/06/2025 20:44:12 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v80) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHL47S Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.4005692	.3418212	.0388027
Stddev	.0024298	.0006869	.0042320
%RSD	.6065746	.2009577	10.90656
#1	.4033428	.3420698	.0424771
#2	.3988160	.3423491	.0341754
#3	.3995489	.3410446	.0397555

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1598.747	14461.48	1324.808	1197.985	1489.316
Stddev	3.082	32.00	12.775	3.224	3.136
%RSD	.1927484	.2212785	.9642532	.2690814	.2105931
#1	1600.353	14425.49	1310.060	1197.642	1492.541
#2	1600.693	14472.26	1331.942	1194.947	1489.130
#3	1595.194	14486.71	1332.423	1201.367	1486.277

Reviewed By:Mohan
On:1/8/2025 7:28:17 AM
Inst Id :P5

Sample Name: P5124-08 Acquired: 01/06/2025 20:48:00 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v80) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHM77 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1391859	-.023499	3.639902	.0720935	.0380231	46.32196
Stddev	.0034844	.002715	.008468	.0015243	.0021519	.13036
%RSD	2.503427	11.55174	.2326545	2.114353	5.659561	.2814249
#1	.1396364	-.025679	3.645899	.0733333	.0355610	46.26213
#2	.1424232	-.020458	3.630214	.0725555	.0395447	46.23226
#3	.1354982	-.024358	3.643591	.0703916	.0389637	46.47150

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.404214	.0060841	.0056257	109.3752	.2305176	.0950618
Stddev	.003530	.0001640	.0000838	.1126	.0014570	.0005467
%RSD	.2513845	2.694699	1.489995	.1029789	.6320592	.5750748
#1	1.404728	.0058997	.0057170	109.2866	.2311359	.0956161
#2	1.407458	.0061391	.0055523	109.5019	.2315635	.0945231
#3	1.400455	.0062135	.0056076	109.3369	.2288534	.0950463

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5944144	171.9775	5.507505	32.24658	.2452002	-.017945
Stddev	.0007433	.2300	.008066	.23605	.0007177	.000520
%RSD	.1250502	.1337406	.1464557	.7320017	.2926891	2.899909
#1	.5951901	171.8038	5.498191	32.06547	.2459422	-.018298
#2	.5937084	171.8903	5.512245	32.16074	.2451488	-.017347
#3	.5943448	172.2384	5.512077	32.51354	.2445096	-.018190

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5259121	.1679399	2.002546	6.138951	F 14.14490	-.290323
Stddev	.0178132	.0108011	.012518	.374077	.00969	.006407
%RSD	3.387113	6.431527	.6250866	6.093506	.0685131	2.206903
#1	.5054508	.1780834	1.989132	5.818799	14.15336	-.288247
#2	.5343225	.1691527	2.013915	6.550147	14.13433	-.285211
#3	.5379630	.1565836	2.004591	6.047909	14.14702	-.297511

Reviewed By:Mohan
On:1/8/2025 7:28:17 AM
Inst Id :P5

Sample Name: P5124-08 Acquired: 01/06/2025 20:48:00 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v80) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHM77 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0150908	6.311241	8.329766	1.149230	1.213216	.2059074
Stddev	.0002576	.016795	.071544	.001869	.005390	.0003656
%RSD	1.707229	.2661172	.8588943	.1625930	.4442747	.1775348
#1	.0150012	6.308093	8.288986	1.150150	1.209330	.2056738
#2	.0148899	6.296243	8.287935	1.147080	1.210948	.2057196
#3	.0153812	6.329388	8.412375	1.150461	1.219369	.2063286

Elem	Li6707
Units	ppm
Avg	.0515655
Stddev	.0049568
%RSD	9.612519
#1	.0527601
#2	.0558159
#3	.0461207

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1771.684	15973.20	1430.091	1332.465	1655.971
Stddev	4.932	78.71	8.040	9.213	2.418
%RSD	.2783789	.4927677	.5622298	.6913914	.1460307
#1	1774.167	15962.33	1435.504	1339.999	1656.983
#2	1774.880	15900.49	1433.917	1322.194	1657.719
#3	1766.004	16056.78	1420.852	1335.201	1653.212

Reviewed By:Mohan
On:1/8/2025 7:28:17 AM
Inst Id :P5

Sample Name: CCV124 Acquired: 01/06/2025 20:51:47 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v80) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV124 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.920246	4.908484	24.96446	4.950222	5.004657	416.1470
Stddev	.008914	.075773	.38062	.091672	.100446	2.2999
%RSD	.1811703	1.543724	1.524642	1.851876	2.007047	.5526732
#1	4.910474	4.910767	25.00985	4.969677	5.010707	418.6614
#2	4.927931	4.983089	25.32034	5.030604	5.101941	414.1495
#3	4.922335	4.831594	24.56317	4.850384	4.901323	415.6301

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.11896	.5077591	2.499253	410.1806	15.51318	2.550325
Stddev	.01434	.0056758	.038890	1.5421	.47037	.040620
%RSD	.1416933	1.117818	1.556070	.3759521	3.032084	1.592738
#1	10.13344	.5125774	2.503846	411.9586	15.64011	2.557205
#2	10.11866	.5015025	2.535643	409.2079	14.99237	2.587066
#3	10.10477	.5091974	2.458271	409.3752	15.90707	2.506704

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.36268	417.7902	15.24453	421.5294	2.533894	1.233015
Stddev	.02494	1.9853	.09964	2.9396	.042501	.034495
%RSD	.1623542	.4752025	.6536097	.6973567	1.677301	2.797656
#1	15.37344	419.9137	15.34658	424.5496	2.538320	1.243307
#2	15.33417	415.9804	15.14749	418.6778	2.574009	1.194545
#3	15.38044	417.4765	15.23950	421.3607	2.489353	1.261193

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	414.5047	2.546433	14.90935	154.5564	5.010485	F 4.473689
Stddev	2.1687	.028107	.49295	.5029	.080552	.044612
%RSD	.5232056	1.103778	3.306337	.3253783	1.607668	.9972107
#1	414.4214	2.578762	15.07522	154.5771	5.023573	4.500789
#2	412.3788	2.527797	14.35485	154.0435	5.083692	4.422199
#3	416.7138	2.532739	15.29797	155.0486	4.924190	4.498078

Reviewed By:Mohan
On:1/8/2025 7:28:17 AM
Inst Id :P5

Sample Name: CCV124 Acquired: 01/06/2025 20:51:47 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v80) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV124 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.958331	5.006448	4.987679	5.047232	5.080722	4.852028
Stddev	.093080	.090767	.055077	.080946	.017357	.025426
%RSD	1.877251	1.812994	1.104266	1.603779	.3416265	.5240182
#1	4.979053	5.017797	5.027592	5.062285	5.095885	4.877966
#2	5.039305	5.091006	4.924842	5.119595	5.061790	4.827148
#3	4.856637	4.910540	5.010604	4.959815	5.084492	4.850972

Elem	Li6707
Units	ppm
Avg	5.027342
Stddev	.008724
%RSD	.1735388
#1	5.033468
#2	5.017353
#3	5.031203

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1271.374	12674.82	1196.109	960.1803	1357.278
Stddev	23.949	252.57	6.945	23.1598	20.529
%RSD	1.883678	1.992692	.5806008	2.412030	1.512534
#1	1265.578	12584.71	1188.267	950.7425	1353.470
#2	1250.856	12960.08	1198.578	986.5688	1338.919
#3	1297.689	12479.65	1201.482	943.2295	1379.444

Reviewed By:Mohan
On:1/8/2025 7:28:17 AM
Inst Id :P5

Sample Name: CCB124 Acquired: 01/06/2025 20:55:32 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v80) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB124 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002444	.0011410	-.001133	.0056571	-.000424	.0547172	.0020994
Stddev	.002840	.0006342	.002357	.0032625	.002017	.0779311	.0035583
%RSD	116.2153	55.57965	207.9915	57.67106	475.8637	142.4253	169.4882
#1	.000827	.0018595	.001559	.0025172	-.002753	-.031219	.0051762
#2	-.003876	.0009046	-.002826	.0054243	.000730	.120804	-.001797
#3	-.004283	.0006591	-.002132	.0090298	.000751	.074566	.002919

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000143	-.000017	-.079347	-.000557	.0001227	-.001714	-.034592
Stddev	.000074	.000010	.006600	.000319	.0002761	.006833	.035940
%RSD	51.61690	59.78146	8.318257	57.27487	225.0865	398.5915	103.8977
#1	-.000085	-.000026	-.074726	-.000274	.0002704	-.007751	.004062
#2	-.000119	-.000006	-.076408	-.000495	-.000196	-.003097	-.040837
#3	-.000227	-.000021	-.086906	-.000903	.000294	.005705	-.067001

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0042674	-.042161	-.000454	.0019484	-.082482	-.007983	.0004280
Stddev	.0019299	.157702	.000403	.0006365	.016333	.013442	.0007170
%RSD	45.22445	374.0464	88.78658	32.66962	19.80224	168.3796	167.5253
#1	.0020680	-.219267	-.000912	.0017898	-.069183	.007040	.0004892
#2	.0050564	.083069	-.000155	.0014062	-.077550	-.012114	.0011124
#3	.0056779	.009714	-.000294	.0026493	-.100713	-.018876	-.000318

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1025892	.0015946	.0088236	.0000291	.0008099	-.000538	-.000452
Stddev	.2069559	.0033868	.0026134	.0005276	.0029442	.000358	.001861
%RSD	201.7326	212.3929	29.61889	1814.795	363.5407	66.55941	411.3292
#1	.3414008	-.001933	.0102474	.0005437	-.001942	-.000411	.000093
#2	-.009231	.004820	.0058074	.0000543	.003915	-.000261	.001075
#3	-.024402	.001897	.0104160	-.000511	.000456	-.000942	-.002525

Reviewed By:Mohan
On:1/8/2025 7:28:17 AM
Inst Id :P5

Sample Name: CCB124 Acquired: 01/06/2025 20:55:32 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v80) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB124 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.0079799	.0000947	.0009294
Stddev	.0060767	.0001472	.0019882
%RSD	76.14919	155.4923	213.9218
#1	.0058310	-.000047	.0032090
#2	.0148391	.000247	-.000446
#3	.0032698	.000084	.000025

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1590.661	14278.44	1268.130	1188.821	1733.855
Stddev	2.961	39.47	6.639	4.372	7.609
%RSD	.1861768	.2764299	.5235375	.3677797	.4388430
#1	1587.365	14246.96	1272.630	1186.914	1725.314
#2	1593.098	14322.72	1260.505	1193.823	1736.339
#3	1591.521	14265.64	1271.255	1185.726	1739.911

Reviewed By:Mohan
On:1/8/2025 7:28:17 AM
Inst Id :P5

Sample Name: P5127-04DLX5 Acquired: 01/06/2025 20:59:33 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v80) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHMB1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0050513	.0354185	.0778067	-.051758	.0005075	8.830367	.0850470
Stddev	.0012596	.0008417	.0015878	.004045	.0062444	.057941	.0018610
%RSD	24.93604	2.376528	2.040697	7.815086	1230.402	.6561603	2.188221
#1	.0064754	.0362093	.0783889	-.048179	.0060362	8.885928	.0830031
#2	.0040831	.0355125	.0790212	-.056147	.0017515	8.770307	.0866437
#3	.0045954	.0345337	.0760100	-.050948	-.006265	8.834866	.0854941

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0011921	.0004659	409.9036	.0142687	.0543272	.0386859	27.76638
Stddev	.0001004	.0000876	1.4639	.0013782	.0002151	.0119080	.18195
%RSD	8.419922	18.80355	.3571251	9.659294	.3958525	30.78125	.6552771
#1	.0013079	.0003992	409.9362	.0153379	.0541146	.0435186	27.65383
#2	.0011379	.0005651	408.4237	.0147550	.0543225	.0251212	27.66902
#3	.0011304	.0004334	411.3509	.0127132	.0545446	.0474178	27.97629

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.663852	46.11395	.0316762	-.000471	.2605415	.0070841	.1294463
Stddev	.008319	.28475	.0010571	.001596	.0150609	.0040921	.0001192
%RSD	.5000073	.6175006	3.337247	339.2253	5.780605	57.76551	.0920445
#1	1.666386	46.19214	.0328016	-.000225	.2625653	.0114772	.1293242
#2	1.654560	45.79827	.0307041	.000989	.2744881	.0063945	.1294526
#3	1.670609	46.35144	.0315230	-.002175	.2445710	.0033805	.1295622

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.811440	.6299718	-.029175	.0083147	.5236642	1.925958	.0104545
Stddev	.392043	.0056526	.000941	.0008049	.0033673	.033711	.0006152
%RSD	13.94457	.8972812	3.224417	9.679947	.6430317	1.750347	5.884218
#1	2.817635	.6241669	-.030107	.0085295	.5228408	1.956873	.0099457
#2	3.200349	.6354587	-.029194	.0074242	.5207850	1.890015	.0102796
#3	2.416336	.6302898	-.028225	.0089903	.5273669	1.930986	.0111382

Reviewed By:Mohan
On:1/8/2025 7:28:17 AM
Inst Id :P5

Sample Name: P5127-04DLX5 Acquired: 01/06/2025 20:59:33 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v80) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHMB1 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.0218205	.3703380	.0166335
Stddev	.0045722	.0011372	.0051653
%RSD	20.95387	.3070707	31.05371
#1	.0169080	.3701378	.0109550
#2	.0226017	.3693142	.0210527
#3	.0259518	.3715620	.0178928

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1547.150	13990.33	1282.741	1154.740	1515.904
Stddev	1.751	73.70	17.200	4.093	4.210
%RSD	.1132064	.5267842	1.340851	.3544354	.2777536
#1	1547.580	14000.35	1265.241	1153.643	1520.055
#2	1548.647	13912.13	1299.624	1159.270	1516.020
#3	1545.224	14058.51	1283.358	1151.308	1511.636

Reviewed By:Mohan
On:1/8/2025 7:28:17 AM
Inst Id :P5

Sample Name: P5127-05DLX5 Acquired: 01/06/2025 21:03:26 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v80) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHMB1D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0038343	.0368947	.0835471	-.051983	.0041238	8.924646	.0808119
Stddev	.0049234	.0027929	.0022991	.009079	.0049054	.084862	.0014035
%RSD	128.4037	7.569965	2.751861	17.46610	118.9534	.9508696	1.736717
#1	-.000852	.0400741	.0832338	-.041502	.0004807	8.831316	.0792750
#2	.003390	.0348371	.0814208	-.057449	.0021892	8.945451	.0811354
#3	.008965	.0357729	.0859868	-.056998	.0097016	8.997170	.0820254

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0010933	.0004605	411.6885	.0132367	.0537524	.0165450	28.01710
Stddev	.0001500	.0001234	2.6093	.0007338	.0003560	.0182237	.21216
%RSD	13.72290	26.80297	.6338159	5.543818	.6622610	110.1458	.7572496
#1	.0011523	.0005863	408.9578	.0135615	.0535636	.0373216	27.92499
#2	.0009227	.0004556	414.1567	.0123966	.0541630	.0032666	28.25974
#3	.0012049	.0003396	411.9511	.0137521	.0535305	.0090469	27.86656

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.678217	46.73321	.0330456	-.003074	.2291578	.0142143	.1291021
Stddev	.014318	.31507	.0022937	.003065	.0191738	.0029014	.0014877
%RSD	.8531713	.6741951	6.941046	99.69922	8.367050	20.41204	1.152335
#1	1.661911	46.37214	.0308858	-.002108	.2479680	.0113195	.1287616
#2	1.688738	46.87513	.0354531	-.000609	.2096401	.0171224	.1278141
#3	1.684000	46.95237	.0327980	-.006506	.2298654	.0142011	.1307305

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.858744	.6300776	-.032956	.0072404	.5211067	1.958193	.0132682
Stddev	.176987	.0078183	.003806	.0011932	.0042727	.016449	.0009898
%RSD	6.191087	1.240849	11.54708	16.47927	.8199284	.8400143	7.460175
#1	2.663450	.6328097	-.029289	.0085937	.5242358	1.943959	.0143955
#2	2.904241	.6212598	-.036886	.0063402	.5228456	1.976201	.0125415
#3	3.008542	.6361632	-.032694	.0067872	.5162388	1.954418	.0128676

Reviewed By:Mohan
On:1/8/2025 7:28:17 AM
Inst Id :P5

Sample Name: P5127-05DLX5 Acquired: 01/06/2025 21:03:26 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v80) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHMB1D Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.0262267	.3748796	.0100370
Stddev	.0056254	.0025011	.0065786
%RSD	21.44908	.6671751	65.54352
#1	.0297594	.3720990	.0064286
#2	.0197396	.3769458	.0060522
#3	.0291810	.3755938	.0176301

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1560.949	14144.75	1280.026	1165.227	1529.057
Stddev	3.444	92.60	9.729	9.473	3.502
%RSD	.2206578	.6546291	.7600439	.8130154	.2290267
#1	1560.779	14159.93	1290.315	1171.332	1527.197
#2	1557.592	14228.82	1270.977	1170.035	1526.876
#3	1564.475	14045.50	1278.788	1154.314	1533.096

Reviewed By:Mohan
On:1/8/2025 7:28:17 AM
Inst Id :P5

Sample Name: P5127-04LDLX25 Acquired: 01/06/2025 21:07:19 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v80) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHMB1L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.004982	.0172299	.0182317	-.039186	-.002583	1.751161	.0143980
Stddev	.003324	.0034417	.0038976	.012260	.001757	.035954	.0033905
%RSD	66.70561	19.97533	21.37800	31.28531	68.02711	2.053176	23.54858
#1	-.004655	.0212035	.0139998	-.049862	-.001832	1.758296	.0112781
#2	-.008458	.0151844	.0216741	-.025797	-.004591	1.712175	.0180062
#3	-.001835	.0153018	.0190211	-.041901	-.001326	1.783014	.0139098

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000287	.0000486	80.70909	.0019327	.0284323	.0011650	5.493502
Stddev	.0001297	.0000293	.35808	.0012241	.0004620	.0192595	.106207
%RSD	452.5706	60.38366	.4436633	63.33485	1.625008	1653.254	1.933317
#1	-.000116	.0000788	80.41179	.0005993	.0289643	-.020626	5.464494
#2	.000066	.0000203	81.10659	.0021932	.0282013	.015906	5.611199
#3	.000136	.0000466	80.60888	.0030056	.0281314	.008215	5.404813

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3343113	9.237329	.0070953	-.001421	-.149165	.0101271	.0216588
Stddev	.0014961	.140869	.0015570	.000287	.010467	.0125664	.0010029
%RSD	.4475198	1.525001	21.94362	20.18997	7.017179	124.0866	4.630451
#1	.3326283	9.385157	.0053823	-.001176	-.143086	.0113832	.0205009
#2	.3348151	9.222188	.0084244	-.001736	-.143158	.0220183	.0222554
#3	.3354905	9.104641	.0074791	-.001351	-.161251	-.003020	.0222200

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4305295	.1158192	-.013405	.0062381	.0970481	.3749197	.0005887
Stddev	.1092681	.0007655	.002040	.0011182	.0016735	.0064742	.0010551
%RSD	25.37993	.6609687	15.22010	17.92473	1.724386	1.726828	179.2165
#1	.3178981	.1166952	-.015722	.0049469	.0972170	.3737934	.0006902
#2	.4375997	.1154837	-.011877	.0068799	.0986308	.3818832	-.000513
#3	.5360908	.1152786	-.012617	.0068873	.0952966	.3690826	.001589

Reviewed By:Mohan
On:1/8/2025 7:28:17 AM
Inst Id :P5

Sample Name: P5127-04LDLX25 Acquired: 01/06/2025 21:07:19 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v80) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHMB1L Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.0152994	.0725428	-.013661
Stddev	.0069873	.0005508	.003155
%RSD	45.67029	.7593161	23.09318
#1	.0225299	.0721220	-.016496
#2	.0085838	.0731663	-.010262
#3	.0147846	.0723402	-.014226

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1575.524	14364.08	1310.390	1199.144	1651.797
Stddev	3.800	267.34	16.460	19.283	6.901
%RSD	.2411884	1.861145	1.256086	1.608093	.4178161
#1	1571.800	14670.97	1311.327	1221.131	1644.369
#2	1575.377	14239.52	1293.482	1191.194	1653.009
#3	1579.396	14181.76	1326.361	1185.106	1658.011

Reviewed By:Mohan
On:1/8/2025 7:28:17 AM
Inst Id :P5

Sample Name: P5127-06DLX5 Acquired: 01/06/2025 21:11:17 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v80) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHMB1S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0201669	.0518197	.0872050	-.019629	.0378612	9.606980	.8662354
Stddev	.0020215	.0020991	.0032877	.001948	.0006071	.119825	.0027811
%RSD	10.02373	4.050783	3.770057	9.924673	1.603551	1.247268	.3210539
#1	.0223817	.0513719	.0881446	-.018845	.0384047	9.521506	.8671474
#2	.0184212	.0499806	.0899207	-.021847	.0372060	9.555491	.8631129
#3	.0196978	.0541065	.0835498	-.018195	.0379730	9.743943	.8684460

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0211923	.0201552	412.1335	.0965726	.2486015	.1273306	28.23818
Stddev	.0002701	.0002467	2.7381	.0014058	.0004034	.0086163	.24353
%RSD	1.274587	1.223945	.6643731	1.455686	.1622828	6.766868	.8624103
#1	.0211396	.0198962	410.4204	.0949643	.2490014	.1362558	28.04978
#2	.0209525	.0201819	410.6886	.0971861	.2486083	.1190606	28.15159
#3	.0214849	.0203875	415.2914	.0975674	.2481946	.1266755	28.51317

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.866544	46.59680	.2321370	.0110234	.2035550	.2100545	.3092555
Stddev	.011761	.60107	.0014642	.0010048	.0270688	.0074040	.0017701
%RSD	.6300754	1.289936	.6307533	9.114768	13.29805	3.524798	.5723805
#1	1.856645	45.93850	.2338182	.0107830	.1761787	.2015092	.3103300
#2	1.863443	46.73551	.2314521	.0101607	.2041808	.2145568	.3072125
#3	1.879544	47.11639	.2311408	.0121266	.2303056	.2140974	.3102240

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.996967	.6299054	-.033334	.0079747	.5238206	1.922138	.0106598
Stddev	.132822	.0008196	.001800	.0008951	.0084288	.020771	.0015029
%RSD	4.431878	.1301178	5.401094	11.22405	1.609100	1.080614	14.09829
#1	3.051972	.6293323	-.032458	.0089721	.5212345	1.921233	.0093518
#2	2.845478	.6308442	-.032140	.0077105	.5332395	1.901834	.0123014
#3	3.093449	.6295396	-.035405	.0072414	.5169879	1.943347	.0103263

Reviewed By:Mohan
On:1/8/2025 7:28:17 AM
Inst Id :P5

Sample Name: P5127-06DLX5 Acquired: 01/06/2025 21:11:17 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v80) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHMB1S Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.0315288	.3709792	.0088937
Stddev	.0093791	.0027382	.0075508
%RSD	29.74776	.7381129	84.90111
#1	.0423055	.3697231	.0133572
#2	.0252096	.3690944	.0001756
#3	.0270715	.3741201	.0131482

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1551.795	14017.38	1285.488	1154.422	1521.020
Stddev	3.758	49.83	12.947	6.077	4.236
%RSD	.2421773	.3554766	1.007198	.5264116	.2784715
#1	1548.304	14065.50	1283.507	1147.956	1519.789
#2	1551.310	13966.01	1299.311	1160.016	1517.536
#3	1555.773	14020.65	1273.645	1155.294	1525.735

Reviewed By:Mohan
On:1/8/2025 7:28:17 AM
Inst Id :P5

Sample Name: P5132-17 Acquired: 01/06/2025 21:15:07 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v80) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHMJ6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1754317	.0052613	4.696002	.0407325	.0334009	63.73160
Stddev	.0003174	.0055571	.009398	.0068732	.0036513	1.37366
%RSD	.1809156	105.6212	.2001198	16.87394	10.93185	2.155387
#1	.1751363	-.001022	4.696401	.0476849	.0374055	65.25927
#2	.1757672	.007278	4.705194	.0339414	.0325409	62.59815
#3	.1753915	.009529	4.686411	.0405713	.0302563	63.33738

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.526012	.0055698	.0089961	221.9078	.1527222	.1237893
Stddev	.057137	.0001668	.0000540	5.2414	.0002473	.0003931
%RSD	2.261930	2.995384	.6007847	2.361957	.1619138	.3175520
#1	2.591370	.0057616	.0089765	227.9402	.1525462	.1233727
#2	2.501137	.0054589	.0090572	218.4675	.1526154	.1241537
#3	2.485530	.0054888	.0089545	219.3157	.1530049	.1238416

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6186892	137.9680	10.52945	35.10359	.1943398	-.005715
Stddev	.0121480	3.1735	.23611	.86949	.0007728	.000907
%RSD	1.963510	2.300196	2.242367	2.476938	.3976633	15.87603
#1	.6239278	141.5349	10.79585	36.07550	.1949023	-.004667
#2	.6048008	135.4569	10.34604	34.39954	.1946586	-.006229
#3	.6273389	136.9123	10.44645	34.83572	.1934586	-.006248

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.073785	.1461716	2.481956	5.895692	F 23.42972	-.216702
Stddev	.046205	.0208980	.013032	.347349	.03368	.008859
%RSD	4.303029	14.29690	.5250870	5.891568	.1437292	4.088184
#1	1.120600	.1252458	2.496422	6.277021	23.45417	-.226270
#2	1.028215	.1462274	2.471132	5.597359	23.44369	-.215051
#3	1.072540	.1670417	2.478313	5.812696	23.39131	-.208783

Reviewed By:Mohan
On:1/8/2025 7:28:17 AM
Inst Id :P5

Sample Name: P5132-17 Acquired: 01/06/2025 21:15:07 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v80) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHMJ6 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0139496	2.867039	9.751703	.3270967	.8945850	.6093970
Stddev	.0002627	.007647	.268614	.0016109	.0255330	.0136407
%RSD	1.882861	.2667091	2.754538	.4924953	2.854171	2.238389
#1	.0142305	2.866327	10.05995	.3282964	.9240678	.6250796
#2	.0137102	2.875016	9.62747	.3277280	.8797734	.6002873
#3	.0139080	2.859773	9.56769	.3252657	.8799137	.6028241

Elem	Li6707
Units	ppm
Avg	.0691003
Stddev	.0068852
%RSD	9.964127
#1	.0612770
#2	.0742381
#3	.0717859

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1888.386	17191.19	1535.214	1411.385	1571.283
Stddev	4.865	58.99	37.630	8.950	6.047
%RSD	.2576132	.3431160	2.451122	.6341610	.3848350
#1	1883.485	17199.17	1491.770	1406.867	1567.035
#2	1888.458	17245.78	1556.232	1421.694	1568.608
#3	1893.214	17128.62	1557.640	1405.594	1578.206

Reviewed By:Mohan
On:1/8/2025 7:28:17 AM
Inst Id :P5

Sample Name: P5132-18 Acquired: 01/06/2025 21:18:56 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v80) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHMJ6D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1098741	.0109526	8.874143	.0171637	.0233162	54.75176
Stddev	.0004177	.0081211	.010766	.0051835	.0042664	1.20210
%RSD	.3801841	74.14749	.1213137	30.20049	18.29821	2.195551
#1	.1103452	.0133687	8.863257	.0214912	.0206321	53.38917
#2	.1095490	.0018977	8.884784	.0185810	.0282358	55.20378
#3	.1097281	.0175914	8.874388	.0114190	.0210806	55.66233

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.622506	.0049893	.0081756	191.0921	.1372416	.1044982
Stddev	.068800	.0002189	.0001996	4.9720	.0014710	.0011185
%RSD	2.623452	4.387645	2.441688	2.601875	1.071856	1.070393
#1	2.543749	.0047369	.0082056	185.4271	.1377793	.1054164
#2	2.652857	.0051285	.0083585	193.1174	.1355773	.1032524
#3	2.670912	.0051024	.0079627	194.7317	.1383681	.1048258

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5531416	111.2049	9.806978	32.58772	.1450502	-.005236
Stddev	.0023461	2.3613	.208270	.74412	.0012700	.001071
%RSD	.4241426	2.123336	2.123695	2.283427	.8755797	20.44818
#1	.5527390	108.4906	9.573680	31.72849	.1464951	-.005504
#2	.5556629	112.3395	9.873072	33.01616	.1445452	-.006147
#3	.5510228	112.7848	9.974181	33.01851	.1441104	-.004057

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8465928	.1331720	2.215427	5.644871	F 17.19954	-.165251
Stddev	.0159444	.0073283	.016827	.092925	.02523	.005706
%RSD	1.883364	5.502914	.7595525	1.646187	.1466681	3.453083
#1	.8515369	.1415707	2.222331	5.563866	17.18029	-.162986
#2	.8287620	.1280772	2.196246	5.624432	17.22810	-.161025
#3	.8594796	.1298683	2.227705	5.746314	17.19023	-.171742

Reviewed By:Mohan
On:1/8/2025 7:28:17 AM
Inst Id :P5

Sample Name: P5132-18 Acquired: 01/06/2025 21:18:56 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v80) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHMJ6D Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0110318	2.729066	9.708173	.3647137	.9472013	.5367980
Stddev	.0002566	.002888	.142968	.0009629	.0219584	.0122590
%RSD	2.325793	.1058236	1.472660	.2640288	2.318240	2.283728
#1	.0112648	2.726566	9.574632	.3647551	.9245197	.5230335
#2	.0110738	2.728404	9.690888	.3637307	.9487273	.5408190
#3	.0107568	2.732227	9.858998	.3656553	.9683569	.5465415

Elem	Li6707
Units	ppm
Avg	.0475489
Stddev	.0016146
%RSD	3.395640
#1	.0484605
#2	.0485015
#3	.0456847

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1872.303	17002.81	1487.525	1398.250	1580.067
Stddev	4.627	2.53	22.494	5.274	.767
%RSD	.2471219	.0148997	1.512146	.3772035	.0485730
#1	1877.576	17002.22	1509.539	1396.128	1580.033
#2	1870.410	17005.59	1488.455	1404.255	1580.851
#3	1868.922	17000.63	1464.580	1394.367	1579.317

Reviewed By:Mohan
On:1/8/2025 7:28:17 AM
Inst Id :P5

Sample Name: P5132-17LX5 Acquired: 01/06/2025 21:22:43 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v80) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHMJ6L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0149326	.0101638	1.785175	-.013681	.0042770	12.48017	.5922133
Stddev	.0038920	.0033083	.004890	.004041	.0022466	.14215	.0067251
%RSD	26.06382	32.54948	.2739061	29.53559	52.52835	1.139028	1.135585
#1	.0191275	.0117968	1.789929	-.017952	.0017851	12.31645	.5847160
#2	.0142316	.0063566	1.785437	-.009918	.0048982	12.57228	.5977142
#3	.0114387	.0123381	1.780160	-.013175	.0061476	12.55177	.5942096

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0008064	.0015597	43.52518	.0322502	.0327742	.1211477	25.19281
Stddev	.0000581	.0001008	.28364	.0012587	.0003867	.0167927	.19871
%RSD	7.199582	6.462974	.6516712	3.902779	1.180015	13.86136	.7887395
#1	.0008724	.0016263	43.20117	.0328274	.0329220	.1230726	24.97163
#2	.0007837	.0016090	43.72859	.0308064	.0330652	.1034755	25.35625
#3	.0007632	.0014437	43.64577	.0331167	.0323353	.1368951	25.25056

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.266214	7.412533	.0286433	-.001992	-.007819	.0262384	.5251552
Stddev	.016152	.074998	.0008238	.002062	.026782	.0148754	.0039316
%RSD	.7127317	1.011778	2.875877	103.5618	342.5265	56.69310	.7486593
#1	2.247580	7.339022	.0294579	-.003602	.004112	.0209614	.5228358
#2	2.276200	7.488935	.0278107	-.002706	-.038494	.0430328	.5229351
#3	2.274864	7.409643	.0286613	.000333	.010924	.0147209	.5296947

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.033247	3.381514	-.046299	.0049623	.5361599	2.243625	.0702925
Stddev	.120994	.006738	.002964	.0004862	.0082631	.007413	.0016288
%RSD	11.71008	.1992672	6.402819	9.797190	1.541162	.3303829	2.317172
#1	1.168120	3.386025	-.044206	.0055027	.5393910	2.241773	.0720629
#2	.934243	3.384749	-.049692	.0048238	.5423192	2.251788	.0699571
#3	.997377	3.373768	-.045000	.0045605	.5267695	2.237314	.0688576

Reviewed By:Mohan
On:1/8/2025 7:28:17 AM
Inst Id :P5

Sample Name: P5132-17LX5 Acquired: 01/06/2025 21:22:43 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v80) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHMJ6L Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.2129775	.1221989	-.008352
Stddev	.0025916	.0005959	.006514
%RSD	1.216851	.4876194	77.98574
#1	.2113086	.1215497	-.001278
#2	.2159631	.1223262	-.014102
#3	.2116608	.1227209	-.009678

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1656.740	14982.68	1335.799	1238.459	1682.760
Stddev	4.740	30.38	8.224	9.152	2.558
%RSD	.2860769	.2027744	.6156869	.7389581	.1520238
#1	1661.822	15013.65	1342.909	1247.459	1685.522
#2	1655.959	14981.46	1326.792	1238.757	1682.287
#3	1652.440	14952.93	1337.696	1229.163	1680.471

Reviewed By:Mohan
On:1/8/2025 7:28:17 AM
Inst Id :P5

Sample Name: P5132-19 Acquired: 01/06/2025 21:26:35 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v80) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHMJ6S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1832132	.0904892	8.848384	.1480326	.1606330	55.88583
Stddev	.0036658	.0019443	.014078	.0040379	.0057612	.31545
%RSD	2.000860	2.148700	.1591066	2.727737	3.586552	.5644591
#1	.1796825	.0919197	8.848722	.1510711	.1629482	55.52516
#2	.1829564	.0882754	8.862291	.1495760	.1648765	56.02200
#3	.1870007	.0912725	8.834140	.1434506	.1540744	56.11032

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.718605	.0850311	.0985697	183.9555	.4723960	1.052659
Stddev	.020079	.0006022	.0001785	.4739	.0012545	.001047
%RSD	.3511230	.7081895	.1811210	.2576230	.2655670	.0994859
#1	5.731382	.0843505	.0987412	184.4175	.4709474	1.053515
#2	5.695461	.0852482	.0983849	183.4705	.4731147	1.052970
#3	5.728972	.0854947	.0985829	183.9786	.4731259	1.051491

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9277961	108.1274	10.25676	31.34202	1.090634	.0496158
Stddev	.0013589	.3634	.02308	.05431	.000572	.0006009
%RSD	.1464670	.3360972	.2249944	.1732760	.0524246	1.211020
#1	.9293474	107.7402	10.23130	31.29077	1.090493	.0493098
#2	.9268166	108.4612	10.26269	31.39894	1.091264	.0492295
#3	.9272241	108.1808	10.27630	31.33634	1.090147	.0503080

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8143715	.9416921	2.922506	5.322556	F 17.04876	-.161099
Stddev	.0157730	.0031003	.020703	.208767	.01803	.002732
%RSD	1.936828	.3292230	.7084070	3.922307	.1057765	1.695618
#1	.7965165	.9446036	2.942056	5.552744	17.04297	-.157946
#2	.8201871	.9384325	2.924645	5.145464	17.06898	-.162745
#3	.8264111	.9420402	2.900816	5.269460	17.03434	-.162607

Reviewed By:Mohan
On:1/8/2025 7:28:17 AM
Inst Id :P5

Sample Name: P5132-19 Acquired: 01/06/2025 21:26:35 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v80) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHMJ6S Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0112921	2.707452	9.399997	.3629719	.9070968	.5153937
Stddev	.0012050	.006288	.055446	.0027014	.0025296	.0018330
%RSD	10.67110	.2322319	.5898468	.7442377	.2788689	.3556484
#1	.0112527	2.702980	9.336655	.3602216	.9071661	.5145823
#2	.0101073	2.714641	9.423603	.3656216	.9095910	.5141065
#3	.0125163	2.704734	9.439734	.3630725	.9045332	.5174924

Elem	Li6707
Units	ppm
Avg	.0463758
Stddev	.0055476
%RSD	11.96234
#1	.0431804
#2	.0431653
#3	.0527816

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1864.235	16974.37	1518.545	1389.158	1579.243
Stddev	3.557	57.59	5.287	12.929	3.031
%RSD	.1907951	.3392621	.3481830	.9307152	.1919524
#1	1860.161	16950.05	1523.997	1376.472	1575.830
#2	1865.826	16932.93	1513.440	1388.684	1580.274
#3	1866.719	17040.13	1518.198	1402.317	1581.624

Reviewed By:Mohan
On:1/8/2025 7:28:17 AM
Inst Id :P5

Sample Name: P5124-09 Acquired: 01/06/2025 21:30:23 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v80) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHM78 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2105125	-.021797	4.458890	.0810633	.0532321	57.79202
Stddev	.0064819	.002717	.004662	.0017279	.0054449	.30346
%RSD	3.079122	12.46685	.1045634	2.131508	10.22852	.5250819
#1	.2163057	-.020449	4.457276	.0830499	.0524064	57.47533
#2	.2035116	-.024925	4.455249	.0802304	.0482472	57.82048
#3	.2117202	-.020017	4.464145	.0799097	.0590426	58.08024

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.964164	.0076370	.0082127	170.8311	.2200599	.1224806
Stddev	.011432	.0001163	.0001823	.4545	.0006431	.0003119
%RSD	.5820484	1.523335	2.219215	.2660532	.2922587	.2546842
#1	1.952120	.0077690	.0080083	170.3136	.2207425	.1221276
#2	1.974866	.0075926	.0083583	171.1652	.2194652	.1225952
#3	1.965506	.0075495	.0082715	171.0145	.2199720	.1227190

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8868035	199.9073	8.312666	54.18217	.2719718	-.021005
Stddev	.0050496	1.1479	.040246	.16966	.0018042	.001784
%RSD	.5694160	.5742095	.4841515	.3131250	.6633901	8.493946
#1	.8829605	198.5846	8.266391	54.07547	.2699124	-.019510
#2	.8849273	200.4951	8.339508	54.09323	.2732741	-.022980
#3	.8925226	200.6423	8.332099	54.37780	.2727290	-.020524

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9578927	.2062442	2.562435	6.720991	F 14.40457	-.325763
Stddev	.0204422	.0072119	.011143	.114357	.01223	.000305
%RSD	2.134085	3.496775	.4348696	1.701493	.0848978	.0936283
#1	.9508486	.1987400	2.551012	6.649232	14.39670	-.325871
#2	.9419040	.2131231	2.563017	6.660873	14.39835	-.325999
#3	.9809256	.2068693	2.573276	6.852868	14.41866	-.325419

Reviewed By:Mohan
On:1/8/2025 7:28:17 AM
Inst Id :P5

Sample Name: P5124-09 Acquired: 01/06/2025 21:30:23 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v80) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHM78 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0191366	6.237223	8.037570	.3514234	1.117731	.3083685
Stddev	.0003100	.008057	.003073	.0012231	.008313	.0012463
%RSD	1.619728	.1291742	.0382319	.3480340	.7437237	.4041434
#1	.0190029	6.238086	8.036364	.3505098	1.108638	.3074913
#2	.0194910	6.244814	8.035284	.3528129	1.119616	.3078190
#3	.0189160	6.228769	8.041064	.3509474	1.124940	.3097950

Elem	Li6707
Units	ppm
Avg	.0630126
Stddev	.0025706
%RSD	4.079459
#1	.0606434
#2	.0657458
#3	.0626486

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1802.815	16273.14	1484.868	1345.889	1631.160
Stddev	2.727	33.33	1.298	3.991	2.491
%RSD	.1512460	.2048143	.0874245	.2965254	.1526879
#1	1803.695	16262.20	1486.224	1350.279	1630.599
#2	1799.757	16246.65	1483.636	1344.905	1628.998
#3	1804.993	16310.56	1484.743	1342.482	1633.883

Reviewed By:Mohan
On:1/8/2025 7:28:17 AM
Inst Id :P5

Sample Name: P5124-10 Acquired: 01/06/2025 21:34:10 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v80) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHM79 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2430046	-.024105	4.122002	.0756410	.0517546	54.83208
Stddev	.0037546	.001628	.009180	.0084124	.0011641	.26222
%RSD	1.545067	6.753579	.2227123	11.12150	2.249290	.4782211
#1	.2467506	-.022321	4.129121	.0849682	.0504446	54.75694
#2	.2392415	-.024483	4.111641	.0686276	.0526707	54.61564
#3	.2430218	-.025511	4.125246	.0733272	.0521484	55.12367

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.722135	.0074396	.0075764	216.4190	.1817427	.1199031
Stddev	.013536	.0003026	.0001470	1.3620	.0013743	.0005422
%RSD	.7860150	4.067846	1.940058	.6293446	.7561596	.4521971
#1	1.714458	.0073269	.0074864	215.7246	.1832537	.1203064
#2	1.714182	.0077824	.0074968	215.5441	.1805674	.1192868
#3	1.737764	.0072095	.0077461	217.9883	.1814069	.1201163

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7605504	206.9752	7.367083	54.26007	.2381980	-.020241
Stddev	.0195549	1.2541	.028845	.22960	.0011809	.002508
%RSD	2.571154	.6058959	.3915379	.4231478	.4957639	12.39037
#1	.7413813	206.9302	7.367831	54.06203	.2378628	-.020894
#2	.7598005	205.7442	7.337872	54.20644	.2372209	-.022357
#3	.7804695	208.2512	7.395547	54.51173	.2395102	-.017471

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.035261	.2131823	2.401846	5.107357	F 13.29429	-.345429
Stddev	.016049	.0118831	.014342	.153301	.01565	.003108
%RSD	1.550215	5.574154	.5971215	3.001574	.1177389	.8998902
#1	1.039761	.2107170	2.396231	5.054565	13.31236	-.348914
#2	1.017443	.2027252	2.418146	4.987429	13.28481	-.342943
#3	1.048580	.2261047	2.391161	5.280078	13.28571	-.344431

Reviewed By:Mohan
On:1/8/2025 7:28:17 AM
Inst Id :P5

Sample Name: P5124-10 Acquired: 01/06/2025 21:34:10 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v80) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHM79 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0174350	5.242779	8.384366	.4156902	1.010704	.3494340
Stddev	.0011156	.014054	.051969	.0018347	.007597	.0020736
%RSD	6.398605	.2680651	.6198270	.4413532	.7516394	.5934029
#1	.0170699	5.244890	8.439339	.4165624	1.004958	.3474141
#2	.0186874	5.227789	8.377719	.4135822	1.007836	.3493306
#3	.0165477	5.255658	8.336041	.4169260	1.019317	.3515573

Elem	Li6707
Units	ppm
Avg	.0625310
Stddev	.0034963
%RSD	5.591317
#1	.0637722
#2	.0652373
#3	.0585834

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1791.871	16239.38	1464.468	1339.869	1617.277
Stddev	4.651	55.30	1.204	10.057	3.534
%RSD	.2595492	.3405166	.0822157	.7505778	.2184941
#1	1793.991	16248.83	1463.363	1351.358	1619.411
#2	1786.538	16289.35	1465.751	1332.661	1613.198
#3	1795.084	16179.97	1464.289	1335.589	1619.222

Reviewed By:Mohan
On:1/8/2025 7:28:17 AM
Inst Id :P5

Sample Name: P5124-11 Acquired: 01/06/2025 21:37:56 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v80) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHM80 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1961156	-.031147	3.557799	.0830197	.0575833	51.15802
Stddev	.0016363	.003952	.003900	.0036261	.0031751	.14801
%RSD	.8343755	12.68845	.1096124	4.367778	5.513904	.2893251
#1	.1966779	-.031922	3.556468	.0830492	.0595776	51.20455
#2	.1973967	-.026864	3.562189	.0866310	.0592504	51.27718
#3	.1942722	-.034654	3.554738	.0793789	.0539219	50.99233

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.433241	.0078661	.0060119	200.7516	.1652373	.1164911
Stddev	.016007	.0001992	.0000547	.9063	.0016820	.0003915
%RSD	1.116872	2.533014	.9099414	.4514472	1.017923	.3360492
#1	1.430446	.0078627	.0059724	200.2210	.1669701	.1163683
#2	1.450462	.0080670	.0060743	201.7981	.1651305	.1169292
#3	1.418815	.0076685	.0059889	200.2358	.1636113	.1161757

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9077087	219.6096	4.889612	49.03211	.2248754	-.022188
Stddev	.0048440	.8325	.020100	.21543	.0015446	.000023
%RSD	.5336524	.3790660	.4110662	.4393605	.6868564	.1044063
#1	.9021172	219.9353	4.880499	48.90735	.2246446	-.022162
#2	.9103800	220.2300	4.912654	49.28086	.2265224	-.022206
#3	.9106290	218.6635	4.875683	48.90811	.2234593	-.022196

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.183995	.2079827	2.249119	4.406741	F 15.26310	-.384346
Stddev	.022044	.0069435	.014966	.101171	.01034	.003548
%RSD	1.861857	3.338490	.6654084	2.295830	.0677573	.9232332
#1	1.161786	.2006313	2.254512	4.357604	15.25889	-.381841
#2	1.184329	.2144297	2.232204	4.523097	15.27489	-.388406
#3	1.205871	.2088871	2.260640	4.339524	15.25553	-.382790

Reviewed By:Mohan
On:1/8/2025 7:28:17 AM
Inst Id :P5

Sample Name: P5124-11 Acquired: 01/06/2025 21:37:56 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v80) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHM80 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0386986	4.594645	8.080124	.2841464	1.099833	.3849941
Stddev	.0016591	.006735	.062366	.0004596	.005950	.0013069
%RSD	4.287307	.1465756	.7718445	.1617590	.5410254	.3394508
#1	.0368105	4.586900	8.068088	.2843081	1.097125	.3835075
#2	.0393613	4.599121	8.147631	.2845034	1.106656	.3859622
#3	.0399239	4.597914	8.024653	.2836278	1.095718	.3855125

Elem	Li6707
Units	ppm
Avg	.0647086
Stddev	.0029288
%RSD	4.526151
#1	.0680755
#2	.0633010
#3	.0627494

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1767.709	16064.62	1455.706	1320.715	1622.817
Stddev	3.156	45.27	9.626	8.373	4.560
%RSD	.1785460	.2817984	.6612878	.6339567	.2810221
#1	1770.892	16053.25	1456.040	1317.630	1626.914
#2	1764.581	16026.12	1445.917	1330.193	1617.903
#3	1767.653	16114.49	1465.162	1314.323	1623.633

Reviewed By:Mohan
On:1/8/2025 7:28:17 AM
Inst Id :P5

Sample Name: P5124-12 Acquired: 01/06/2025 21:41:44 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v80) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHM81 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2050404	-.058855	2.944525	.1448985	.0853789	38.44575
Stddev	.0011238	.002512	.005284	.0054042	.0043544	.09406
%RSD	.5480978	4.268751	.1794405	3.729674	5.100068	.2446505
#1	.2039915	-.056195	2.950591	.1501545	.0814793	38.37231
#2	.2062266	-.061188	2.942049	.1393573	.0900774	38.55176
#3	.2049032	-.059181	2.940933	.1451838	.0845801	38.41318

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.128368	.0081469	.0039554	121.2617	.1041296	.1797067
Stddev	.004335	.0001483	.0000959	.5241	.0014663	.0009477
%RSD	.3842206	1.820120	2.424020	.4322069	1.408201	.5273504
#1	1.129757	.0083174	.0039502	121.2002	.1047232	.1798489
#2	1.131839	.0080749	.0040538	121.8139	.1024594	.1786959
#3	1.123508	.0080483	.0038622	120.7711	.1052060	.1805752

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8715012	306.6374	5.191881	29.27413	.1714329	-.032632
Stddev	.0102723	1.1553	.029093	.10952	.0001945	.001698
%RSD	1.178689	.3767621	.5603556	.3741110	.1134608	5.202216
#1	.8779716	305.8276	5.188508	29.19458	.1712104	-.031553
#2	.8596566	307.9604	5.222514	29.39904	.1715174	-.031754
#3	.8768753	306.1242	5.164622	29.22877	.1715708	-.034589

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.110896	.1705821	1.716570	3.117855	F 10.85637	-.576142
Stddev	.015699	.0078011	.014627	.080272	.01140	.002799
%RSD	1.413211	4.573205	.8521352	2.574606	.1050524	.4858136
#1	1.100663	.1701384	1.701516	3.203683	10.84811	-.576864
#2	1.103053	.1630124	1.730730	3.105252	10.86938	-.578510
#3	1.128971	.1785956	1.717464	3.044629	10.85161	-.573053

Reviewed By:Mohan
On:1/8/2025 7:28:17 AM
Inst Id :P5

Sample Name: P5124-12 Acquired: 01/06/2025 21:41:44 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v80) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHM81 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0220634	3.772134	7.507610	.2083383	.8485338	.1392019
Stddev	.0008491	.004605	.042829	.0023715	.0064163	.0002402
%RSD	3.848466	.1220880	.5704729	1.138285	.7561585	.1725439
#1	.0210831	3.767021	7.553127	.2058047	.8445829	.1391599
#2	.0225676	3.773423	7.468104	.2105048	.8559371	.1394604
#3	.0225396	3.775957	7.501599	.2087054	.8450814	.1389855

Elem	Li6707
Units	ppm
Avg	.0292918
Stddev	.0059002
%RSD	20.14290
#1	.0224902
#2	.0330331
#3	.0323522

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1706.170	15453.60	1377.753	1266.160	1677.027
Stddev	2.911	27.77	7.309	14.934	2.194
%RSD	.1705881	.1797027	.5305021	1.179477	.1308248
#1	1705.589	15434.04	1370.145	1275.360	1675.469
#2	1703.594	15441.37	1378.392	1248.929	1676.076
#3	1709.328	15485.38	1384.721	1274.192	1679.536

Reviewed By:Mohan
On:1/8/2025 7:28:17 AM
Inst Id :P5

Sample Name: P5124-13 Acquired: 01/06/2025 21:45:31 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v80) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHM82 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1239191	-.047957	.9361867	.1054866	.0527511	96.14893	1.597315
Stddev	.0024175	.002906	.0027589	.0037436	.0041018	.58815	.011510
%RSD	1.950868	6.058827	.2946912	3.548894	7.775708	.6117029	.7206080
#1	.1230754	-.051305	.9336860	.1092633	.0528772	96.48194	1.609329
#2	.1266454	-.046093	.9391462	.1017770	.0567884	96.49501	1.596232
#3	.1220365	-.046474	.9357279	.1054194	.0485878	95.46984	1.586384

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0058764	.0045112	75.72117	.2642614	.1780868	.2260194	214.4997
Stddev	.0000698	.0001410	.65473	.0015704	.0006408	.0017856	.9247
%RSD	1.187528	3.124950	.8646561	.5942575	.3597974	.7900120	.4311177
#1	.0058481	.0044170	76.41389	.2654439	.1775703	.2245860	215.3577
#2	.0058252	.0044433	75.63705	.2648607	.1778862	.2280195	214.6212
#3	.0059559	.0046733	75.11256	.2624796	.1788038	.2254526	213.5202

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.67173	61.65096	.2044154	-.022893	.6076280	.4658993	.7526426
Stddev	.05049	.45275	.0010988	.001283	.0267002	.0080022	.0017999
%RSD	.3693168	.7343691	.5375426	5.603677	4.394167	1.717584	.2391438
#1	13.73001	61.81856	.2036646	-.023981	.6383673	.4748758	.7544518
#2	13.64416	61.99600	.2039049	-.023218	.5943131	.4633089	.7526237
#3	13.64104	61.13831	.2056766	-.021478	.5902036	.4595131	.7508522

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	28.55190	7.820686	-.393224	.0135867	2.058655	8.817608	.0566648
Stddev	.15191	.022402	.002348	.0007187	.005865	.031406	.0010570
%RSD	.5320615	.2864502	.5970413	5.289777	.2848900	.3561708	1.865425
#1	28.72049	7.795098	-.392158	.0127614	2.057880	8.852565	.0576810
#2	28.50955	7.830191	-.391599	.0139246	2.053216	8.791773	.0567422
#3	28.42565	7.836768	-.395916	.0140742	2.064869	8.808485	.0555712

Reviewed By:Mohan
On:1/8/2025 7:28:17 AM
Inst Id :P5

Sample Name: P5124-13 Acquired: 01/06/2025 21:45:31 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v80) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHM82 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	11.36387	.0021734	.0999464
Stddev	.08697	.0005726	.0049347
%RSD	.7653532	26.34633	4.937391
#1	11.44104	.0027810	.0951827
#2	11.38094	.0020953	.0996206
#3	11.26962	.0016438	.1050360

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1987.663	17922.13	1611.830	1477.339	1606.158
Stddev	1.743	52.76	8.155	5.270	4.033
%RSD	.0876682	.2943608	.5059239	.3567338	.2510819
#1	1988.988	17863.40	1602.418	1471.332	1608.965
#2	1985.690	17937.51	1616.305	1479.495	1601.537
#3	1988.312	17965.49	1616.768	1481.189	1607.973

Reviewed By:Mohan
On:1/8/2025 7:28:17 AM
Inst Id :P5

Sample Name: P5124-14 Acquired: 01/06/2025 21:49:18 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v80) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHM83 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0455739	.0325809	.1618330	.0144331	.0138517	42.31226
Stddev	.0020923	.0026405	.0007957	.0027711	.0019630	.34795
%RSD	4.591081	8.104362	.4917060	19.19977	14.17147	.8223465
#1	.0461513	.0339559	.1609184	.0162165	.0119484	41.95994
#2	.0473169	.0342500	.1622143	.0112406	.0137375	42.32115
#3	.0432535	.0295366	.1623664	.0158422	.0158694	42.65568

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6017388	.0026583	.0020185	F 1107.170	.0835993	.1165295
Stddev	.0038492	.0000389	.0001720	7.144	.0014194	.0010723
%RSD	.6396837	1.463241	8.518540	.6452731	1.697830	.9201513
#1	.5985840	.0026635	.0018249	1103.163	.0820078	.1153000
#2	.6006047	.0026170	.0021533	1102.928	.0847340	.1170180
#3	.6060276	.0026942	.0020774	1115.418	.0840562	.1172705

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1589442	109.3131	12.31042	104.0495	.1253903	-.010557
Stddev	.0100764	.6377	.05161	1.0161	.0003853	.000557
%RSD	6.339553	.5833993	.4192235	.9765150	.3072962	5.273200
#1	.1661524	108.8126	12.27910	103.2166	.1252630	-.010904
#2	.1474303	109.0957	12.28217	103.7504	.1258231	-.010852
#3	.1632500	110.0312	12.36998	105.1815	.1250847	-.009915

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.184822	.1167621	.3284553	5.452211	F 11.48065	-.172889
Stddev	.011405	.0109744	.0024421	.104391	.02887	.003701
%RSD	.9625787	9.398938	.7435189	1.914657	.2514836	2.140490
#1	1.197904	.1150910	.3310637	5.529359	11.45091	-.175043
#2	1.179590	.1284761	.3262231	5.493846	11.48248	-.168616
#3	1.176972	.1067190	.3280791	5.333427	11.50857	-.175007

Reviewed By:Mohan
On:1/8/2025 7:28:17 AM
Inst Id :P5

Sample Name: P5124-14 Acquired: 01/06/2025 21:49:18 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v80) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHM83 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0046515	1.285186	6.722385	.0304537	1.106122	1.781677
Stddev	.0014061	.013509	.034838	.0010265	.009317	.013749
%RSD	30.22876	1.051161	.5182407	3.370771	.8423008	.7716930
#1	.0053048	1.290922	6.724193	.0313924	1.097329	1.770892
#2	.0056120	1.269755	6.686678	.0293576	1.115887	1.776980
#3	.0030376	1.294882	6.756284	.0306112	1.105151	1.797160

Elem	Li6707
Units	ppm
Avg	.0707391
Stddev	.0043680
%RSD	6.174851
#1	.0661700
#2	.0711738
#3	.0748735

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1809.643	16413.27	1514.942	1342.880	1411.814
Stddev	6.370	37.50	9.817	3.654	4.415
%RSD	.3520240	.2284602	.6480025	.2721211	.3126955
#1	1816.864	16455.24	1517.258	1342.715	1416.856
#2	1804.819	16383.07	1523.395	1346.614	1409.946
#3	1807.246	16401.50	1504.175	1339.311	1408.641

Reviewed By:Mohan
On:1/8/2025 7:28:17 AM
Inst Id :P5

Sample Name: P5121-10ARE Acquired: 01/06/2025 21:53:29 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v80) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHM51A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1990431	.0297347	4.922323	.1842304	.1270288	71.44515
Stddev	.0024813	.0080938	.018466	.0081949	.0030320	.44429
%RSD	1.246593	27.22023	.3751506	4.448151	2.386876	.6218565
#1	.1983995	.0300472	4.901079	.1747725	.1235359	71.09597
#2	.2017828	.0376678	4.934530	.1887026	.1289825	71.29424
#3	.1969471	.0214891	4.931359	.1892163	.1285679	71.94523

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.406268	.0107169	.0180589	339.2540	.1808166	.1408721
Stddev	.028641	.0001330	.0000948	2.9724	.0008227	.0013182
%RSD	1.190273	1.240877	.5250101	.8761584	.4550062	.9357700
#1	2.383254	.0107447	.0179508	336.9806	.1817284	.1394226
#2	2.397205	.0108338	.0180978	338.1639	.1805914	.1419992
#3	2.438344	.0105722	.0181280	342.6176	.1801298	.1411945

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7762917	189.9229	7.826422	107.7677	.2209093	.0131359
Stddev	.0147588	1.8316	.072225	.8745	.0008071	.0004577
%RSD	1.901197	.9643954	.9228323	.8114877	.3653439	3.484686
#1	.7816057	188.8246	7.780000	107.1838	.2200084	.0126076
#2	.7596117	188.9068	7.789631	107.3461	.2215663	.0134125
#3	.7876577	192.0374	7.909634	108.7731	.2211531	.0133878

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.020006	.1914632	4.021940	9.340526	F 18.44972	-.258967
Stddev	.019482	.0157145	.016416	.265791	.09003	.004538
%RSD	.9644502	8.207586	.4081528	2.845564	.4879872	1.752320
#1	2.039239	.1741132	4.005524	9.593174	18.34654	-.257908
#2	2.020493	.2047402	4.038356	9.063300	18.51235	-.263941
#3	2.000284	.1955362	4.021938	9.365103	18.49026	-.255052

Reviewed By:Mohan
On:1/8/2025 7:28:17 AM
Inst Id :P5

Sample Name: P5121-10ARE Acquired: 01/06/2025 21:53:29 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v80) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHM51A Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0139739	5.604820	9.977332	.3313482	1.119227	.6427478
Stddev	.0011212	.041303	.026593	.0036306	.011037	.0029546
%RSD	8.023596	.7369212	.2665318	1.095690	.9861261	.4596865
#1	.0126859	5.557560	10.00672	.3275008	1.114687	.6408169
#2	.0147317	5.633998	9.97034	.3347137	1.111184	.6412775
#3	.0145041	5.622903	9.95494	.3318302	1.131810	.6461492

Elem	Li6707
Units	ppm
Avg	.0688543
Stddev	.0022821
%RSD	3.314383
#1	.0704864
#2	.0662466
#3	.0698299

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1837.289	16666.69	1521.087	1357.547	1524.342
Stddev	8.828	48.54	5.138	3.959	8.175
%RSD	.4804712	.2912200	.3377710	.2916596	.5362780
#1	1847.175	16657.47	1515.818	1360.078	1533.725
#2	1830.195	16623.43	1521.360	1352.984	1520.540
#3	1834.498	16719.18	1526.083	1359.578	1518.760

Reviewed By:Mohan
On:1/8/2025 7:28:17 AM
Inst Id :P5

Sample Name: P5127-04ARE2 Acquired: 01/06/2025 21:57:15 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v80) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHMB1A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0585982	.0215715	.3569026	.0647628	.0132608	40.12427
Stddev	.0055931	.0029642	.0058987	.0068619	.0018537	.32103
%RSD	9.544756	13.74148	1.652746	10.59538	13.97885	.8000914
#1	.0557632	.0246828	.3561666	.0707083	.0149619	39.90357
#2	.0549904	.0187802	.3514064	.0663259	.0112851	40.49255
#3	.0650411	.0212516	.3631347	.0572543	.0135355	39.97669

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3577951	.0047432	.0021633	F 1704.917	.0565606	.1211850
Stddev	.0050549	.0002095	.0001434	8.432	.0011636	.0003202
%RSD	1.412801	4.416260	6.628390	.4945832	2.057235	.2642219
#1	.3519591	.0049113	.0020285	1696.320	.0578712	.1213188
#2	.3608021	.0045085	.0023139	1713.174	.0556488	.1214167
#3	.3606241	.0048097	.0021475	1705.258	.0561620	.1208196

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1841253	117.2320	6.900255	190.6937	.1409438	.0032968
Stddev	.0057429	.8799	.044177	.7893	.0007169	.0024542
%RSD	3.118999	.7505272	.6402269	.4139257	.5086319	74.44300
#1	.1789755	116.2699	6.855090	190.0682	.1410338	.0029621
#2	.1830824	117.9957	6.943374	191.5806	.1401861	.0010271
#3	.1903182	117.4304	6.902302	190.4324	.1416114	.0059012

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.623147	.0716870	.5830482	14.83468	3.233192	-.096449
Stddev	.007590	.0103834	.0057040	.07819	.012284	.000851
%RSD	.4675989	14.48428	.9783096	.5270696	.3799218	.8823445
#1	1.622315	.0836614	.5769925	14.92419	3.239572	-.095515
#2	1.631118	.0662237	.5838329	14.77971	3.219031	-.096651
#3	1.616007	.0651759	.5883193	14.80014	3.240973	-.097180

Reviewed By:Mohan
On:1/8/2025 7:28:17 AM
Inst Id :P5

Sample Name: P5127-04ARE2 Acquired: 01/06/2025 21:57:15 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v80) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHMB1A Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0015890	2.694166	10.49625	.0320928	.1674548	1.581806
Stddev	.0008046	.003270	.08104	.0031981	.0186366	.010415
%RSD	50.63680	.1213666	.7720494	9.965137	11.12932	.6584475
#1	.0010936	2.695809	10.55154	.0308193	.1582330	1.573497
#2	.0025173	2.690401	10.53397	.0357315	.1552270	1.593490
#3	.0011559	2.696289	10.40322	.0297277	.1889043	1.578430

Elem	Li6707
Units	ppm
Avg	.0870510
Stddev	.0021837
%RSD	2.508528
#1	.0887384
#2	.0845846
#3	.0878298

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1624.108	14831.84	1383.764	1204.643	1342.486
Stddev	10.101	61.70	6.874	10.801	6.879
%RSD	.6219330	.4160296	.4967680	.8966155	.5124171
#1	1622.204	14786.84	1385.295	1216.720	1342.000
#2	1635.025	14806.50	1376.253	1201.302	1349.595
#3	1615.095	14902.18	1389.743	1195.908	1335.863

Reviewed By:Mohan
On:1/8/2025 7:28:17 AM
Inst Id :P5

Sample Name: P5128-19A Acquired: 01/06/2025 22:01:05 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v80) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHMK9A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2154496	.0266563	5.182975	.1475302	.1247699	65.76203
Stddev	.0004804	.0028368	.017400	.0035526	.0012994	.37799
%RSD	.2229732	10.64196	.3357169	2.408059	1.041464	.5747773
#1	.2156288	.0294550	5.164405	.1449836	.1247454	65.55376
#2	.2149053	.0267310	5.185618	.1460185	.1260814	66.19834
#3	.2158145	.0237830	5.198903	.1515887	.1234829	65.53399

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.941498	.0070966	.0145129	88.57917	.1685170	.1320668
Stddev	.014968	.0002358	.0000769	.45209	.0001074	.0008056
%RSD	.7709497	3.323117	.5296122	.5103813	.0637384	.6100260
#1	1.925926	.0069760	.0144320	88.15722	.1686304	.1311821
#2	1.955778	.0073683	.0145850	89.05633	.1685039	.1322601
#3	1.942791	.0069455	.0145216	88.52397	.1684168	.1327583

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6334314	202.2184	15.40586	29.42548	.2325338	.0011309
Stddev	.0136546	1.7005	.12509	.17952	.0015583	.0017800
%RSD	2.155654	.8409188	.8119450	.6100852	.6701539	157.3909
#1	.6264210	200.8111	15.28170	29.35625	.2307404	.0029745
#2	.6491673	204.1079	15.53185	29.62931	.2333037	.0009962
#3	.6247060	201.7361	15.40403	29.29088	.2335575	-.000578

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5048379	.1715599	3.210148	8.497203	F 11.36023	-.366649
Stddev	.0083663	.0087355	.022692	.268919	.01994	.001511
%RSD	1.657228	5.091779	.7068776	3.164790	.1755391	.4122348
#1	.4979026	.1624736	3.193177	8.315195	11.33856	-.365475
#2	.5141298	.1798962	3.235922	8.806087	11.37781	-.368355
#3	.5024814	.1723101	3.201345	8.370325	11.36432	-.366118

Reviewed By:Mohan
On:1/8/2025 7:28:17 AM
Inst Id :P5

Sample Name: P5128-19A Acquired: 01/06/2025 22:01:05 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v80) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHMK9A Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0153419	2.977514	9.294750	.2504284	.7551211	.0345572
Stddev	.0004896	.012257	.083055	.0024697	.0082981	.0003458
%RSD	3.191122	.4116379	.8935666	.9861779	1.098915	1.000549
#1	.0154222	2.964841	9.271087	.2499965	.7580358	.0349286
#2	.0148172	2.978394	9.387068	.2482032	.7615686	.0344985
#3	.0157864	2.989307	9.226094	.2530856	.7457588	.0342446

Elem	Li6707
Units	ppm
Avg	.0703418
Stddev	.0009671
%RSD	1.374791
#1	.0714580
#2	.0697567
#3	.0698106

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1949.885	17615.69	1575.287	1450.371	1657.844
Stddev	3.348	61.37	11.689	5.158	2.747
%RSD	.1716823	.3483982	.7420143	.3556458	.1656690
#1	1947.876	17578.90	1578.530	1453.652	1657.579
#2	1948.029	17686.54	1562.320	1444.425	1655.239
#3	1953.749	17581.63	1585.013	1453.035	1660.713

Reviewed By:Mohan
On:1/8/2025 7:28:17 AM
Inst Id :P5

Sample Name: P5122-12ARE Acquired: 01/06/2025 22:04:54 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v80) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHMC9A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1550882	.0116097	6.244315	.0946389	.0765374	66.88602
Stddev	.0008326	.0031687	.009621	.0070256	.0003585	.28981
%RSD	.5368513	27.29323	.1540738	7.423535	.4683577	.4332875
#1	.1558781	.0141837	6.247687	.0899726	.0763058	66.55707
#2	.1542187	.0125747	6.251795	.1027190	.0769503	67.10373
#3	.1551679	.0080707	6.233462	.0912252	.0763561	66.99726

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.962012	.0087995	.0075727	392.0465	.1911136	.1338208
Stddev	.017201	.0001005	.0000549	2.8227	.0012233	.0004448
%RSD	.8767040	1.142189	.7253491	.7199905	.6400863	.3324144
#1	1.949516	.0088168	.0075792	389.8543	.1908495	.1343111
#2	1.981631	.0086915	.0075149	395.2315	.1900439	.1334429
#3	1.954890	.0088903	.0076241	391.0538	.1924474	.1337085

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4569204	252.3760	5.583740	66.60580	.2807986	-.008784
Stddev	.0110131	2.6228	.047804	.62828	.0005313	.000356
%RSD	2.410295	1.039239	.8561209	.9432815	.1892125	4.048077
#1	.4600662	250.0155	5.535519	66.07578	.2808139	-.008419
#2	.4660184	255.1994	5.631115	67.29981	.2802599	-.008805
#3	.4446767	251.9130	5.584585	66.44180	.2813222	-.009129

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.071963	.2955814	3.732300	11.88687	F 15.91130	-.370784
Stddev	.013255	.0151586	.019238	.14164	.01266	.003579
%RSD	.6397341	5.128386	.5154349	1.191539	.0795375	.9652483
#1	2.056744	.3074784	3.712003	11.72419	15.91114	-.370748
#2	2.080981	.2785141	3.750266	11.98284	15.92403	-.367223
#3	2.078163	.3007517	3.734631	11.95356	15.89872	-.374381

Reviewed By:Mohan
On:1/8/2025 7:28:17 AM
Inst Id :P5

Sample Name: P5122-12ARE Acquired: 01/06/2025 22:04:54 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v80) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHMC9A Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0147476	4.792008	11.42722	.3540947	1.957787	.8277895
Stddev	.0005845	.007622	.22376	.0008960	.022695	.0077080
%RSD	3.963164	.1590645	1.958089	.2530272	1.159218	.9311528
#1	.0151050	4.785273	11.22252	.3530611	1.936504	.8222036
#2	.0140731	4.800283	11.39305	.3546509	1.981670	.8365834
#3	.0150646	4.790468	11.66610	.3545720	1.955187	.8245814

Elem	Li6707
Units	ppm
Avg	.0766415
Stddev	.0029728
%RSD	3.878893
#1	.0800084
#2	.0755378
#3	.0743784

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1750.817	15915.82	1445.846	1297.814	1556.772
Stddev	5.969	94.26	.971	8.879	5.723
%RSD	.3409268	.5922398	.0671249	.6841121	.3676120
#1	1750.983	15840.85	1446.759	1298.407	1555.860
#2	1744.766	15884.96	1445.952	1288.654	1551.559
#3	1756.701	16021.64	1444.827	1306.381	1562.896

Reviewed By:Mohan
On:1/8/2025 7:28:17 AM
Inst Id :P5

Sample Name: P5124-19ARE Acquired: 01/06/2025 22:08:39 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v80) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHM88A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1366868	.0292704	.8390391	.1251499	.0328755	53.64470	.6147369
Stddev	.0048457	.0018165	.0024311	.0063692	.0024849	.07987	.0027532
%RSD	3.545119	6.205833	.2897479	5.089269	7.558637	.1488818	.4478584
#1	.1357003	.0272799	.8364237	.1323157	.0356677	53.60457	.6131958
#2	.1324102	.0308383	.8394638	.1201335	.0309071	53.59285	.6179155
#3	.1419498	.0296932	.8412300	.1230004	.0320517	53.73667	.6130994

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0069313	.0016701	47.89668	.0839498	.0782241	.1333172	142.2783
Stddev	.0000616	.0001793	.08666	.0009353	.0008031	.0053767	.4982
%RSD	.8889398	10.73824	.1809294	1.114131	1.026600	4.033037	.3501464
#1	.0068875	.0015854	47.86676	.0847579	.0774108	.1347952	142.2573
#2	.0070018	.0018761	47.99433	.0829252	.0782450	.1378004	141.7909
#3	.0069048	.0015487	47.82894	.0841662	.0790165	.1273561	142.7866

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.859165	21.74434	.1466626	.0011398	.5914174	.1387456	1.318240
Stddev	.005867	.18135	.0004332	.0001979	.0058769	.0067714	.003104
%RSD	.0855282	.8340199	.2953963	17.35941	.9936991	4.880467	.2354417
#1	6.863415	21.56761	.1469264	.0010344	.5964178	.1465632	1.321018
#2	6.852472	21.73541	.1468987	.0013680	.5849441	.1349663	1.314890
#3	6.861609	21.92999	.1461626	.0010170	.5928902	.1347074	1.318813

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.790641	3.740144	-.237885	.0108012	5.582626	8.101388	.0421180
Stddev	.223270	.002659	.003365	.0002504	.005860	.051592	.0019561
%RSD	5.890031	.0710828	1.414670	2.318392	.1049737	.6368315	4.644377
#1	3.980404	3.738378	-.238733	.0105726	5.584809	8.116105	.0437425
#2	3.544624	3.743202	-.234178	.0110688	5.587081	8.044036	.0426647
#3	3.846896	3.738852	-.240746	.0107622	5.575987	8.144022	.0399466

Reviewed By:Mohan
On:1/8/2025 7:28:17 AM
Inst Id :P5

Sample Name: P5124-19ARE Acquired: 01/06/2025 22:08:39 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v80) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHM88A Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	1.592803	.1634479	.0551083
Stddev	.001766	.0004591	.0034296
%RSD	.1108990	.2808512	6.223466
#1	1.590879	.1629720	.0566086
#2	1.593179	.1634838	.0511841
#3	1.594351	.1638880	.0575321

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1759.205	15970.32	1416.556	1304.788	1702.995
Stddev	1.199	66.73	7.148	2.342	2.343
%RSD	.0681517	.4178224	.5046335	.1794795	.1375584
#1	1758.256	15967.79	1414.643	1302.162	1704.825
#2	1760.552	15904.89	1424.467	1306.662	1700.355
#3	1758.808	16038.27	1410.559	1305.539	1703.805

Reviewed By:Mohan
On:1/8/2025 7:28:17 AM
Inst Id :P5

Sample Name: P5129-01ARE Acquired: 01/06/2025 22:12:27 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v80) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHMK3A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2170293	.0340526	2.639850	.2395014	.1185594	81.48638
Stddev	.0010739	.0030843	.007802	.0062041	.0005218	.37470
%RSD	.4948264	9.057458	.2955361	2.590425	.4400930	.4598296
#1	.2177537	.0375385	2.637057	.2396389	.1181222	81.06370
#2	.2175386	.0316777	2.648664	.2456355	.1184190	81.77775
#3	.2157954	.0329416	2.633830	.2332296	.1191370	81.61769

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.615518	.0076296	.0077169	88.30158	.1453423	.1544431
Stddev	.011037	.0001156	.0001055	.12162	.0010518	.0005248
%RSD	.6831793	1.515289	1.366506	.1377342	.7236423	.3398167
#1	1.626873	.0075051	.0075961	88.20319	.1464275	.1549072
#2	1.604830	.0077335	.0077639	88.43756	.1443275	.1538735
#3	1.614853	.0076501	.0077906	88.26400	.1452720	.1545485

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.232963	197.6377	19.07785	23.85480	.2344752	-.001525
Stddev	.002322	.6191	.01265	.15277	.0009301	.000904
%RSD	.1883659	.3132632	.0663235	.6404150	.3966808	59.27513
#1	1.231966	197.0438	19.09044	23.73824	.2348347	-.002560
#2	1.235617	198.2793	19.07796	23.79841	.2334190	-.000886
#3	1.231305	197.5902	19.06514	24.02775	.2351719	-.001130

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3638085	.2131386	3.693647	11.26340	F 12.25191	-.353284
Stddev	.0125337	.0042866	.013614	.17790	.03848	.007044
%RSD	3.445149	2.011195	.3685893	1.579432	.3140565	1.993848
#1	.3778195	.2132380	3.708030	11.33377	12.21956	-.345330
#2	.3599436	.2173746	3.680960	11.39534	12.29446	-.355790
#3	.3536623	.2088031	3.691950	11.06108	12.24172	-.358733

Reviewed By:Mohan
On:1/8/2025 7:28:17 AM
Inst Id :P5

Sample Name: P5129-01ARE Acquired: 01/06/2025 22:12:27 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v80) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHMK3A Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0143343	3.546029	8.671342	.1863408	.7753646	.1016672
Stddev	.0006259	.021819	.082817	.0007357	.0050217	.0007294
%RSD	4.366457	.6153143	.9550636	.3948271	.6476584	.7174493
#1	.0150476	3.537510	8.588453	.1858344	.7807410	.1010182
#2	.0140783	3.570822	8.754087	.1860034	.7745573	.1024566
#3	.0138769	3.529754	8.671487	.1871848	.7707954	.1015268

Elem	Li6707
Units	ppm
Avg	.0798193
Stddev	.0038677
%RSD	4.845552
#1	.0801998
#2	.0834826
#3	.0757754

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2008.133	18224.31	1629.882	1493.918	1643.674
Stddev	7.485	63.83	11.239	10.957	8.582
%RSD	.3727228	.3502489	.6895349	.7334243	.5221064
#1	2009.745	18156.57	1639.237	1481.554	1644.308
#2	1999.973	18233.02	1617.416	1502.423	1634.793
#3	2014.680	18283.33	1632.995	1497.778	1651.921

Reviewed By:Mohan
On:1/8/2025 7:28:17 AM
Inst Id :P5

Sample Name: CCV125 Acquired: 01/06/2025 22:16:15 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v80) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV125 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.677149	4.679026	23.76883	4.714209	4.769420	400.8653
Stddev	.012334	.013413	.02997	.005981	.005715	.6807
%RSD	.2636992	.2866593	.1260697	.1268790	.1198170	.1698177
#1	4.676679	4.682723	23.73869	4.711637	4.775914	401.6382
#2	4.665057	4.664153	23.76919	4.721047	4.765158	400.6031
#3	4.689711	4.690203	23.79862	4.709945	4.767189	400.3547

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.543008	.4867422	2.373954	389.2806	14.75232	2.427659
Stddev	.041700	.0037498	.002155	1.2278	.04955	.001278
%RSD	.4369681	.7703873	.0907820	.3154017	.3359073	.0526329
#1	9.579128	.4908134	2.374899	390.5440	14.69554	2.426613
#2	9.497373	.4859834	2.371488	388.0918	14.78683	2.427280
#3	9.552523	.4834298	2.375476	389.2061	14.77460	2.429083

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.63971	402.0498	14.67398	405.7622	2.406167	1.164118
Stddev	.01996	.3035	.05134	.4592	.004033	.001778
%RSD	.1363117	.0754907	.3498832	.1131734	.1676083	.1527075
#1	14.61704	402.3143	14.70483	406.2770	2.408694	1.163299
#2	14.65463	402.1168	14.61471	405.6148	2.401516	1.166158
#3	14.64746	401.7185	14.70240	405.3948	2.408292	1.162897

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	402.6966	2.441413	14.72473	146.1735	4.758851	F 4.355681
Stddev	4.1626	.008944	.04190	.5680	.016950	.032808
%RSD	1.033669	.3663421	.2845830	.3886042	.3561764	.7532315
#1	407.4223	2.432288	14.68986	146.5640	4.744232	4.392811
#2	401.0937	2.441788	14.71311	145.5218	4.754891	4.343628
#3	399.5738	2.450164	14.77121	146.4346	4.777431	4.330605

Reviewed By:Mohan
On:1/8/2025 7:28:17 AM
Inst Id :P5

Sample Name: CCV125 Acquired: 01/06/2025 22:16:15 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v80) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV125 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.699767	4.752793	4.829979	4.799609	4.880810	4.659430
Stddev	.008420	.005832	.043957	.007833	.010792	.009260
%RSD	.1791664	.1227084	.9100920	.1631963	.2211092	.1987328
#1	4.702805	4.753396	4.877758	4.804122	4.891711	4.663144
#2	4.690249	4.746682	4.820929	4.790564	4.880588	4.648889
#3	4.706246	4.758299	4.791252	4.804139	4.870131	4.666256

Elem	Li6707
Units	ppm
Avg	4.723425
Stddev	.022972
%RSD	.4863428
#1	4.745594
#2	4.699726
#3	4.724954

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1276.637	12685.14	1184.449	940.8262	1358.482
Stddev	1.186	22.27	12.366	2.2054	1.752
%RSD	.0929242	.1755924	1.044053	.2344090	.1289359
#1	1277.942	12706.23	1171.361	941.7366	1360.412
#2	1275.624	12661.85	1186.050	942.4306	1356.994
#3	1276.344	12687.34	1195.937	938.3114	1358.039

Reviewed By:Mohan
On:1/8/2025 7:28:17 AM
Inst Id :P5

Sample Name: CCB125 Acquired: 01/06/2025 22:20:01 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v80) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB125 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.004429	.0039414	-.001273	.0056411	-.000572	.0619722	.0052542
Stddev	.004858	.0041321	.002503	.0046310	.002659	.0285574	.0021859
%RSD	109.6814	104.8364	196.6451	82.09466	464.5865	46.08094	41.60289
#1	-.004906	-.000533	-.003113	.0109500	.001327	.0536724	.0041694
#2	.000650	.004743	.001577	.0035413	-.003611	.0384841	.0038229
#3	-.009030	.007614	-.002282	.0024319	.000568	.0937601	.0077703

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000174	-.000042	-.004875	-.000255	.0000295	-.002884	.0011627
Stddev	.000190	.000104	.041475	.001295	.0004993	.009716	.0510313
%RSD	109.6638	244.9418	850.8109	508.3506	1690.088	336.9211	4388.874
#1	-.000319	.000050	-.026449	.001158	-.000283	-.008396	.0482511
#2	-.000244	-.000154	-.031116	-.001385	.000605	.008334	.0082977
#3	.000042	-.000023	.042941	-.000537	-.000234	-.008590	-.053061

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0032927	-.062288	.0007074	-.000459	-.092614	-.000053	.0028482
Stddev	.0029467	.217116	.0012119	.001243	.017785	.005900	.0010402
%RSD	89.49141	348.5659	171.3288	270.4901	19.20372	11112.54	36.52068
#1	.0032311	-.199232	-.000573	.000200	-.074580	.006112	.0040460
#2	.0062698	-.175679	.000859	.000315	-.110140	-.000625	.0021715
#3	.0003773	.188046	.001836	-.001893	-.093123	-.005646	.0023273

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0665934	.0030816	.0057317	-.000947	.0009957	-.000716	-.001436
Stddev	.2396710	.0025815	.0040349	.000981	.0018788	.000814	.001220
%RSD	359.9022	83.77167	70.39679	103.5069	188.6973	113.6150	84.95506
#1	.0190495	.0026777	.0075704	-.000358	-.000308	-.001252	-.002491
#2	-.145742	.0058413	.0085198	-.000405	.000146	.000220	-.001717
#3	.326473	.0007259	.0011049	-.002079	.003149	-.001117	-.000100

Reviewed By:Mohan
On:1/8/2025 7:28:17 AM
Inst Id :P5

Sample Name: CCB125 Acquired: 01/06/2025 22:20:01 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v80) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB125 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.0124825	.0006796	-.009351
Stddev	.0018395	.0000106	.007084
%RSD	14.73691	1.559012	75.75109
#1	.0118217	.0006675	-.001983
#2	.0110646	.0006846	-.016111
#3	.0145611	.0006868	-.009960

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1578.605	14434.79	1258.672	1179.685	1725.673
Stddev	2.612	95.03	4.169	4.407	3.034
%RSD	.1654434	.6583291	.3312322	.3735734	.1758341
#1	1579.223	14538.17	1254.650	1182.723	1723.480
#2	1580.853	14351.23	1258.393	1174.631	1729.136
#3	1575.740	14414.98	1262.974	1181.702	1724.403