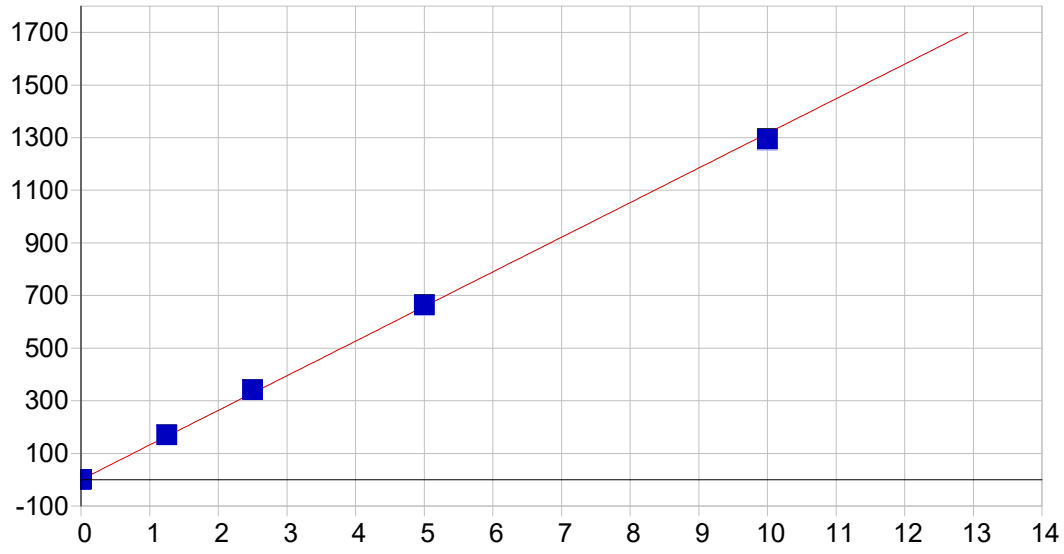
Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5



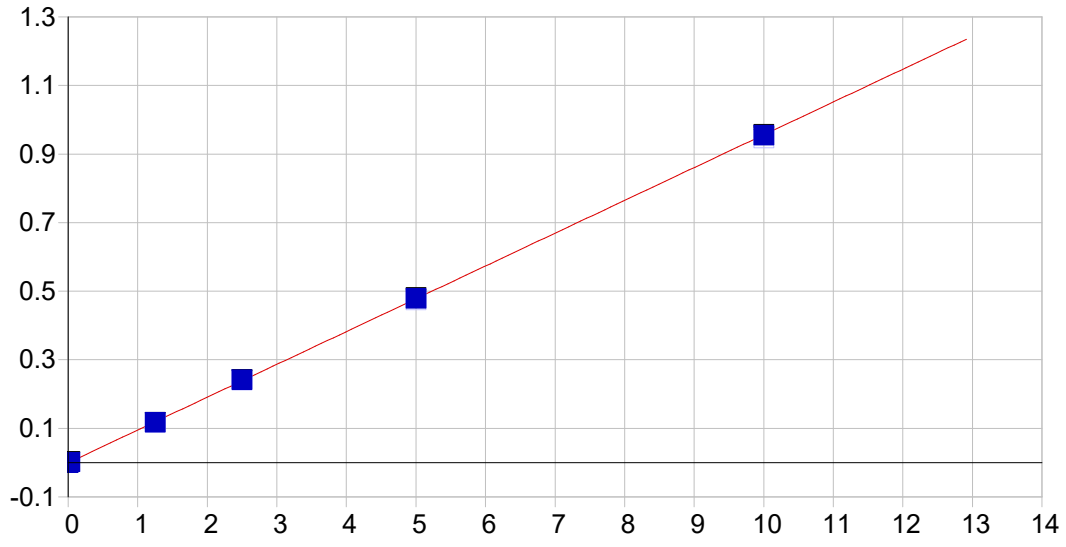
As 189.042 {478}

Date of Fit:	01/03/2025 12:56:42	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.189867	Re-Slope:	1.000000
A1 (Gain):	131.619343	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999767	Status:	OK.
Std Error of Est:	0.047478		
Predicted MDL:	0.006415		
Predicted MQL:	0.021383		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.18942	.735	1
S1	.01000	.01283	.003	28.3	1.8764	.338	1
S2	1.2500	1.2875	.038	3.00	168.96	.251	1
S3	2.5000	2.5926	.093	3.70	340.05	.802	1
S4	5.0000	5.0403	.040	.805	660.82	1.07	1
S5	10.000	9.8268	-.173	-1.73	1288.1	3.21	1

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5



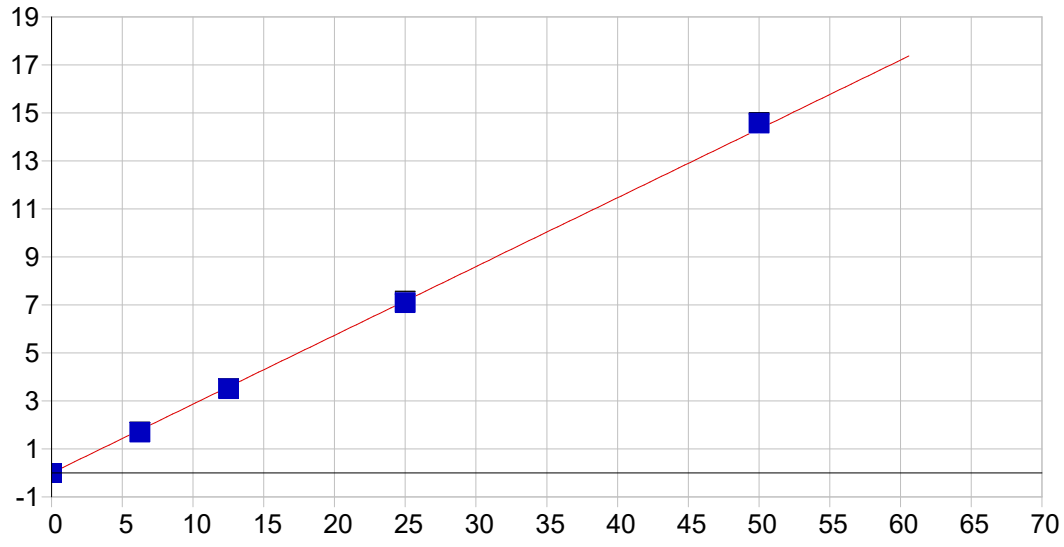
Tl 190.856 {477}

Date of Fit:	01/03/2025 12:56:42	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000448	Re-Slope:	1.000000
A1 (Gain):	0.095659	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999976	Status:	OK.
Std Error of Est:	0.000018		
Predicted MDL:	0.003413		
Predicted MQL:	0.011377		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00045	.000	1
S1	.02500	.02701	.002	8.03	.00205	.000	1
S2	1.2500	1.2301	-.020	-1.59	.11620	.000	1
S3	2.5000	2.5309	.031	1.24	.23960	.000	1
S4	5.0000	5.0061	.006	.121	.47432	.003	1
S5	10.000	9.9810	-.019	-.190	.94611	.003	1

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5



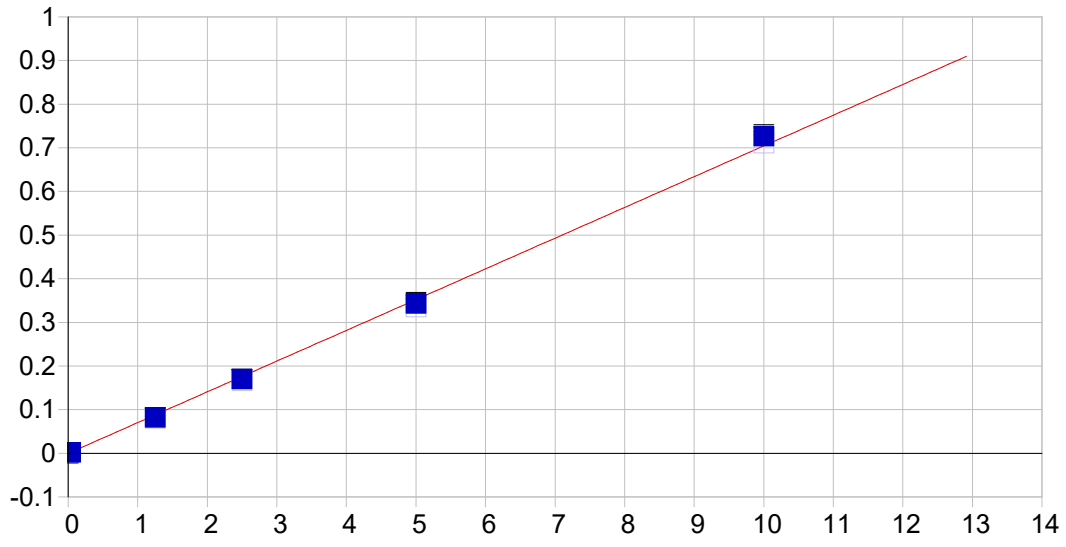
Pb 220.353 {453}

Date of Fit:	01/03/2025 12:56:42	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000676	Re-Slope:	1.000000
A1 (Gain):	0.286633	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999791	Status:	OK.
Std Error of Est:	0.000219		
Predicted MDL:	0.003062		
Predicted MQL:	0.010207		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00068	.001	1
S1	.01000	.01070	.001	7.05	.00237	.000	1
S2	6.2500	5.9191	-.331	-5.29	1.6925	.001	1
S3	12.500	12.232	-.268	-2.14	3.4986	.005	1
S4	25.000	24.771	-.229	-.917	7.0856	.054	1
S5	50.000	50.827	.827	1.65	14.541	.032	1

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5



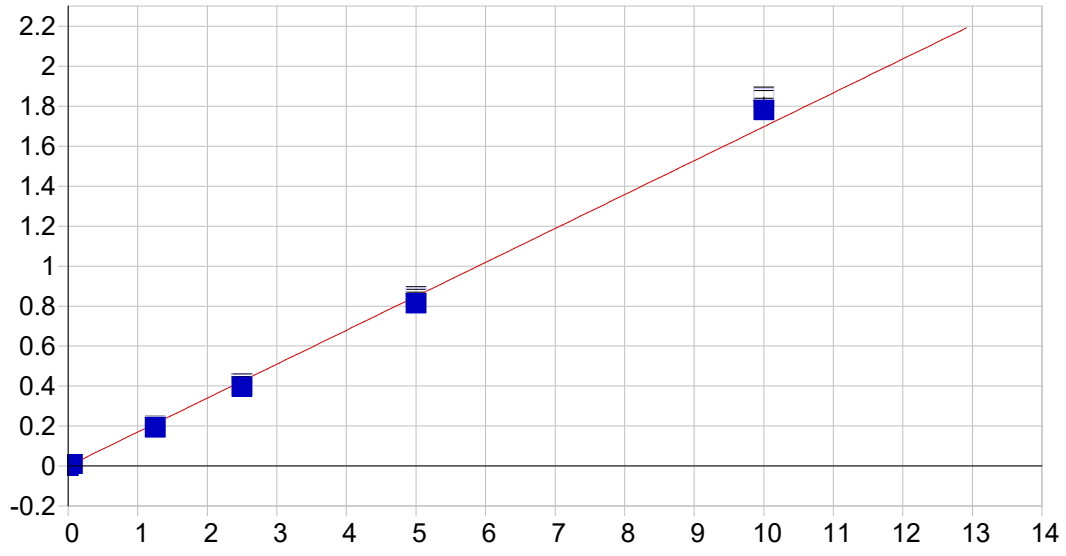
Se 196.090 {472}

Date of Fit:	01/03/2025 12:56:42	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000127	Re-Slope:	1.000000
A1 (Gain):	0.070441	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999349	Status:	OK.
Std Error of Est:	0.000078		
Predicted MDL:	0.006053		
Predicted MQL:	0.020176		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	-.00013	.000	1
S1	.03500	.03005	-.005	-14.1	.00198	.001	1
S2	1.2500	1.1595	-.090	-7.24	.07957	.000	1
S3	2.5000	2.4129	-.087	-3.48	.16588	.000	1
S4	5.0000	4.8703	-.130	-2.59	.33502	.003	1
S5	10.000	10.312	.312	3.12	.71043	.004	1

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5



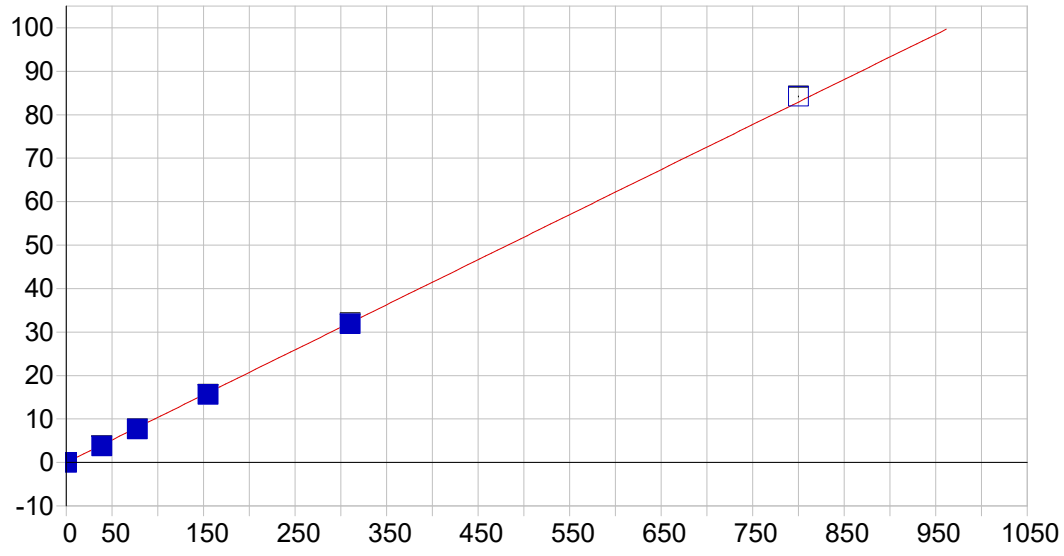
Sb 206.833 {463}

Date of Fit:	01/03/2025 12:56:42	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000032	Re-Slope:	1.000000
A1 (Gain):	0.169726	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.998614	Status:	OK.
Std Error of Est:	0.000380		
Predicted MDL:	0.003498		
Predicted MQL:	0.011660		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	-.00003	.000	1
S1	.06000	.05818	-.002	-3.04	.00985	.000	1
S2	1.2500	1.1300	-.120	-9.60	.19884	.001	1
S3	2.5000	2.3361	-.164	-6.56	.41064	.001	1
S4	5.0000	4.7898	-.210	-4.20	.84129	.007	1
S5	10.000	10.496	.496	4.96	1.8381	.009	1

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5



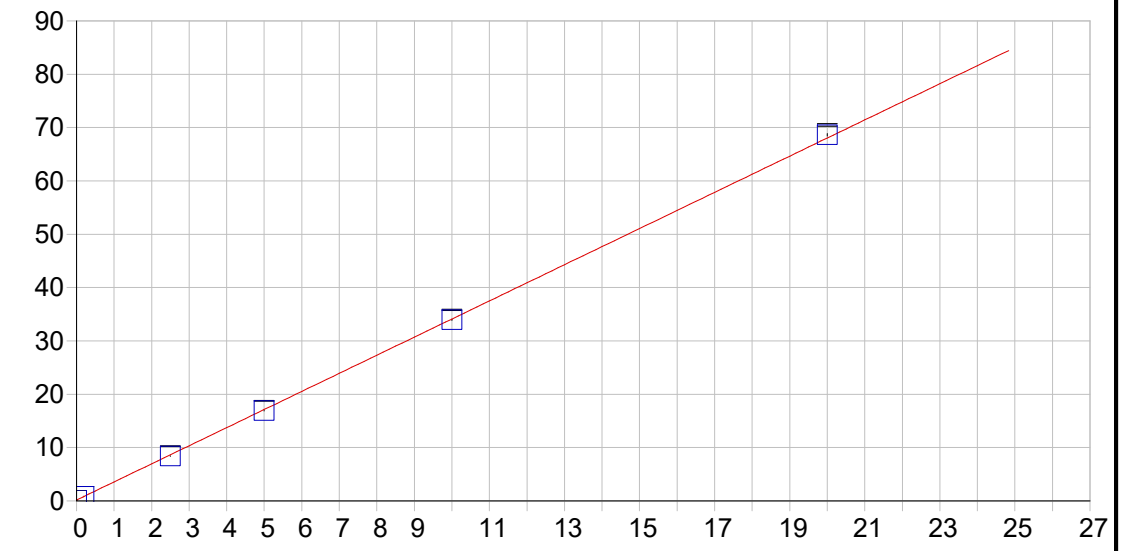
Al 396.152 { 85}

Date of Fit:	01/03/2025 12:56:42	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.001819	Re-Slope:	1.000000
A1 (Gain):	0.103654	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999769	Status:	OK.
Std Error of Est:	0.001387		
Predicted MDL:	0.032035		
Predicted MQL:	0.106784		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00004	.000	.000	-.00182	.001	1
S1	.20000	.18763	-.012	-6.19	.01766	.006	1
S2	38.750	36.602	-2.15	-5.54	3.7965	.012	1
S3	77.500	73.886	-3.61	-4.66	7.6655	.009	1
S4	155.00	150.44	-4.56	-2.94	15.609	.062	1
S5	310.00	307.69	-2.31	-.744	31.927	.170	1
S6	800.00	812.65	12.7	1.58	84.233	.114	1

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5



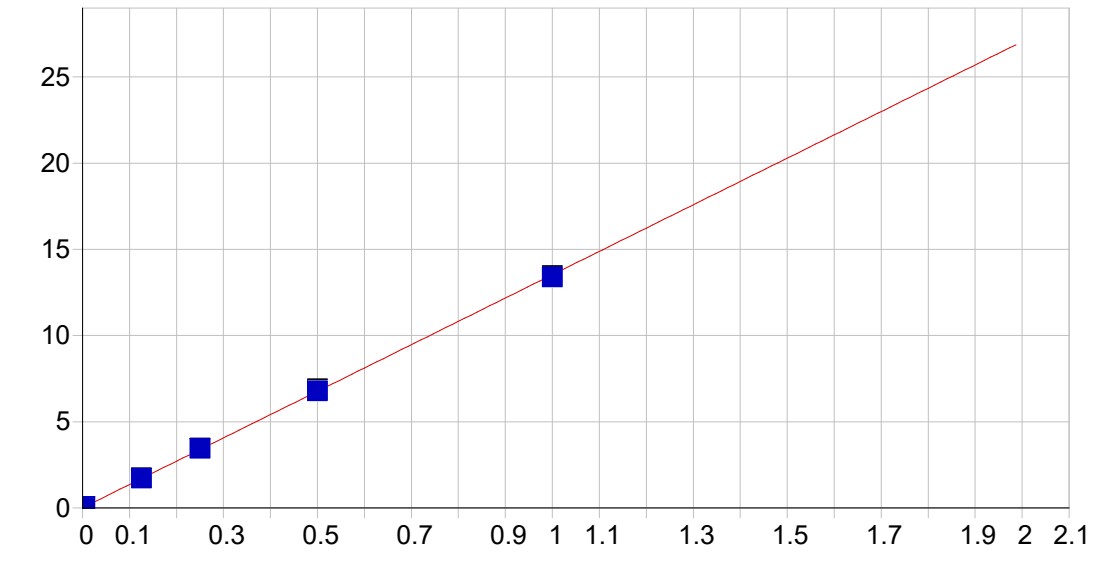
Ba 493.409 { 68}

Date of Fit:	01/03/2025 12:56:42	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.167881	Re-Slope:	1.000000
A1 (Gain):	3.393608	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999935	Status:	OK.
Std Error of Est:	0.004102		
Predicted MDL:	0.002541		
Predicted MQL:	0.008469		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.16789	.013	1
S1	.20000	.20599	.006	2.99	.86692	.008	1
S2	2.5000	2.4226	-.077	-3.10	8.3892	.049	1
S3	5.0000	4.9397	-.060	-1.21	16.931	.049	1
S4	10.000	9.9626	-.037	-.374	33.977	.113	1
S5	20.000	20.169	.169	.846	68.614	.238	1

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5



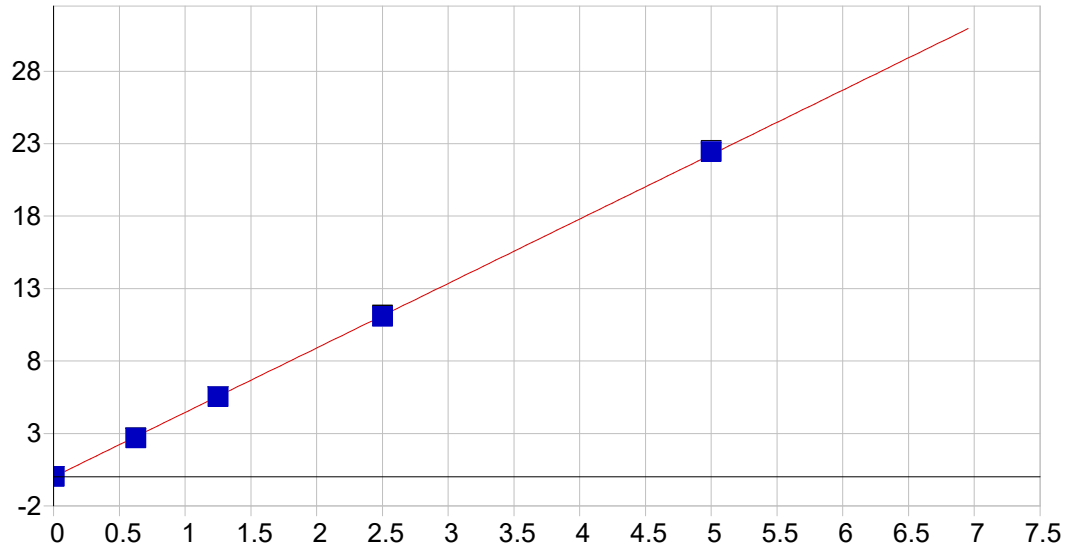
Be 234.861 {144}

Date of Fit:	01/03/2025 12:56:42	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.004962	Re-Slope:	1.000000
A1 (Gain):	13.524085	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999935	Status:	OK.
Std Error of Est:	0.000575		
Predicted MDL:	0.000140		
Predicted MQL:	0.000468		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00495	.001	1
S1	.00500	.00542	.000	8.37	.07818	.000	1
S2	.12500	.12709	.002	1.67	1.7160	.003	1
S3	.25000	.25454	.005	1.82	3.4319	.022	1
S4	.50000	.50197	.002	.394	6.7626	.107	1
S5	1.0000	.99098	-.009	-.902	13.345	.078	1

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5



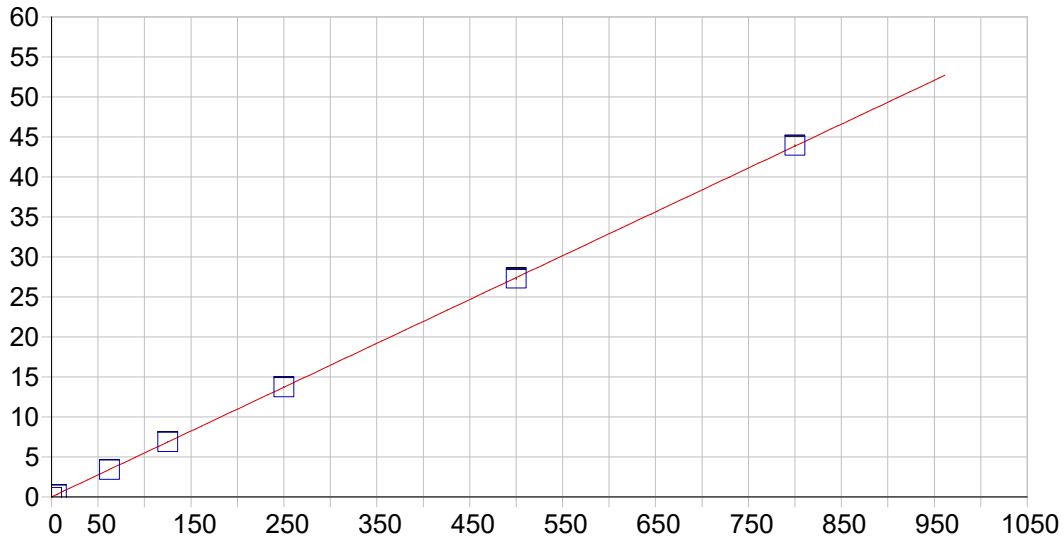
Cd 214.438 {457}

Date of Fit:	01/03/2025 12:56:42	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000501	Re-Slope:	1.000000
A1 (Gain):	4.450103	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999929	Status:	OK.
Std Error of Est:	0.000445		
Predicted MDL:	0.000108		
Predicted MQL:	0.000359		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00050	.001	1
S1	.00500	.00502	.000	.330	.02291	.000	1
S2	.62500	.60175	-.023	-3.72	2.6826	.002	1
S3	1.2500	1.2433	-.007	-.537	5.5418	.008	1
S4	2.5000	2.4872	-.013	-.512	11.086	.087	1
S5	5.0000	5.0428	.043	.855	22.475	.060	1

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5



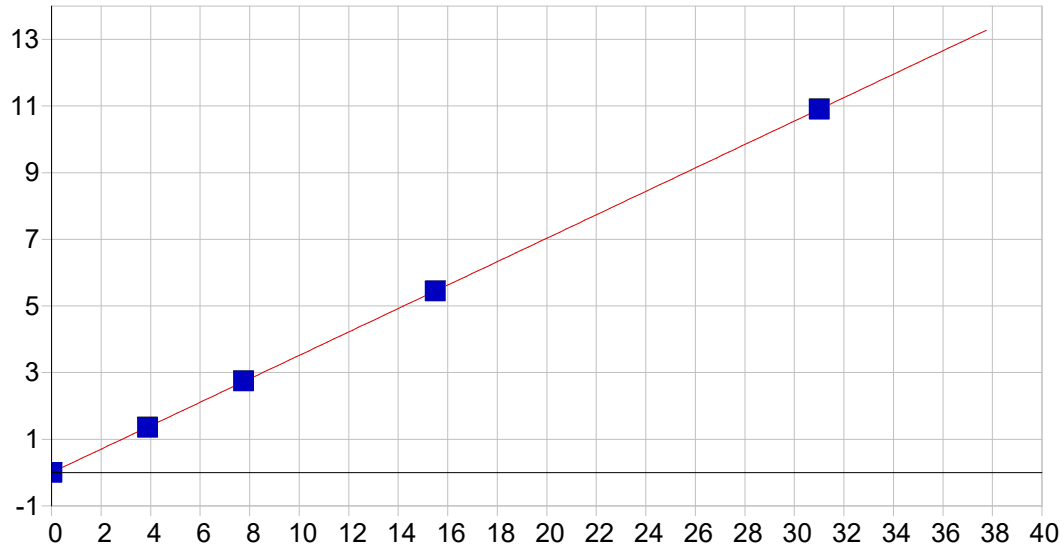
Ca 373.690 { 90}

Date of Fit:	01/03/2025 12:56:42	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.011547	Re-Slope:	1.000000
A1 (Gain):	0.054802	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999994	Status:	OK.
Std Error of Est:	0.000688		
Predicted MDL:	0.042289		
Predicted MQL:	0.140964		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00019	-.000	.000	.01154	.004	1
S1	5.0000	5.2021	.202	4.04	.29663	.003	1
S2	62.500	62.059	-.441	-.706	3.4125	.011	1
S3	125.00	125.66	.657	.526	6.8978	.025	1
S4	250.00	250.31	.309	.123	13.729	.058	1
S5	500.00	498.25	-1.75	-.350	27.317	.125	1
S6	800.00	801.02	1.02	.128	43.909	.084	1

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5



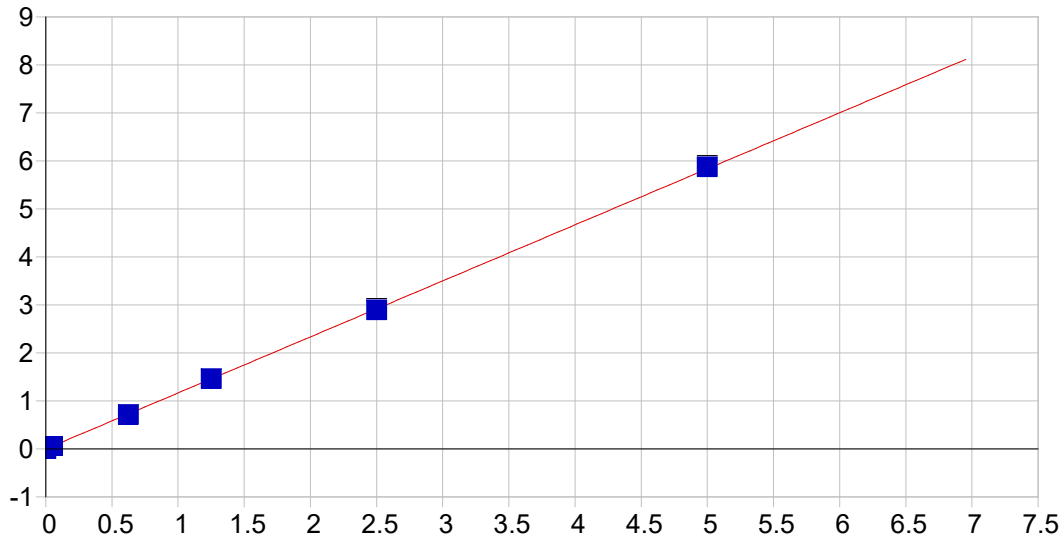
Cr 267.716 {126}

Date of Fit:	01/03/2025 12:56:42	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000110	Re-Slope:	1.000000
A1 (Gain):	0.351633	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999995	Status:	OK.
Std Error of Est:	0.000032		
Predicted MDL:	0.000896		
Predicted MQL:	0.002986		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00011	.000	1
S1	.01000	.01066	.001	6.64	.00364	.000	1
S2	3.8750	3.8525	-.022	-.579	1.3556	.006	1
S3	7.7500	7.8017	.052	.667	2.7453	.006	1
S4	15.500	15.486	-.014	-.090	5.4495	.006	1
S5	31.000	30.984	-.016	-.051	10.903	.016	1

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5



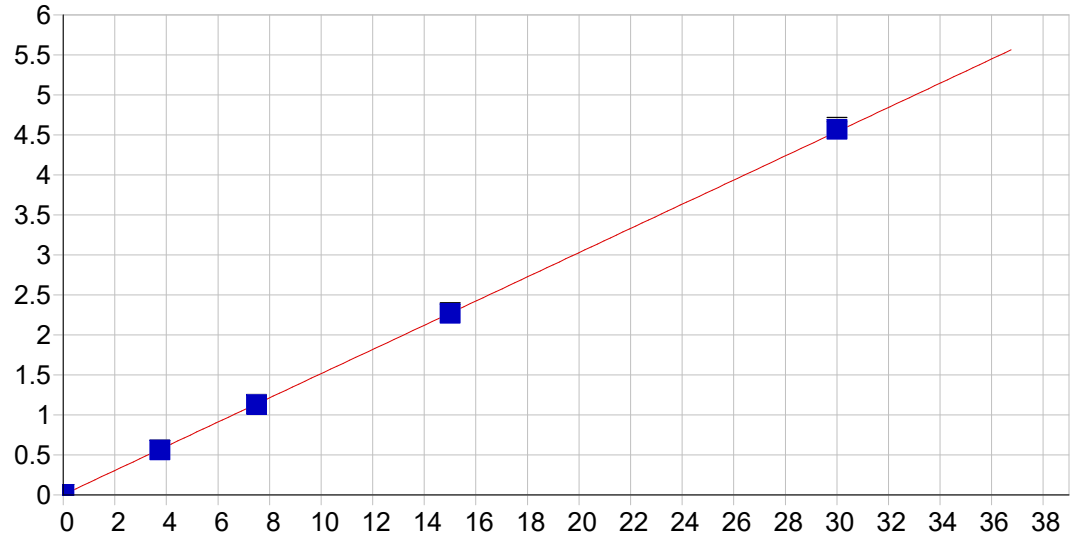
Co 228.616 {448}

Date of Fit:	01/03/2025 12:56:42	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000821	Re-Slope:	1.000000
A1 (Gain):	1.167159	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999965	Status:	OK.
Std Error of Est:	0.000260		
Predicted MDL:	0.000441		
Predicted MQL:	0.001469		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00082	.001	1
S1	.05000	.05107	.001	2.15	.05898	.000	1
S2	.62500	.61131	-.014	-2.19	.71503	.001	1
S3	1.2500	1.2509	.001	.073	1.4639	.003	1
S4	2.5000	2.4808	-.019	-.770	2.9040	.025	1
S5	5.0000	5.0309	.031	.619	5.8899	.015	1

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5



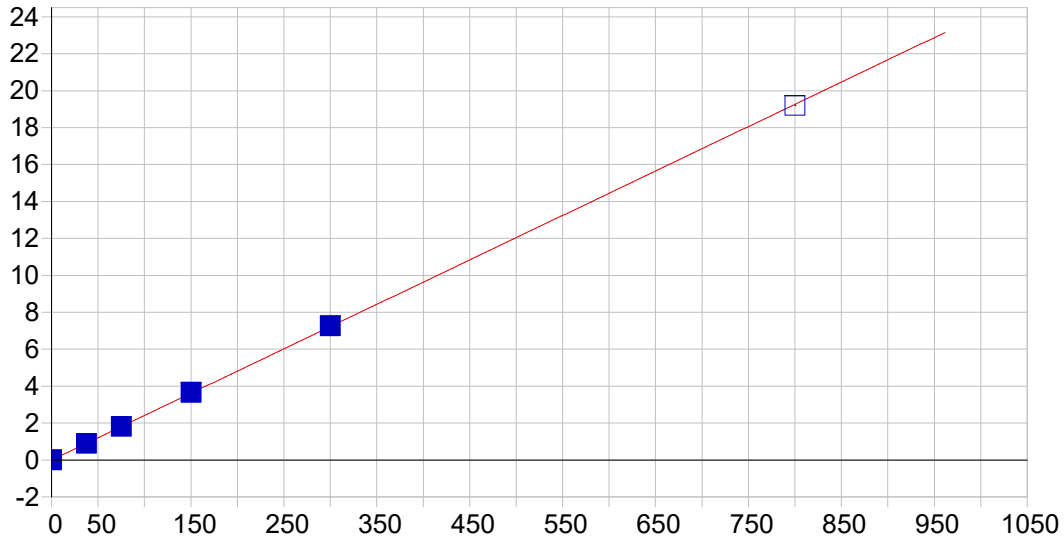
Cu 324.754 {104}

Date of Fit:	01/03/2025 12:56:42	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.003132	Re-Slope:	1.000000
A1 (Gain):	0.151250	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999962	Status:	OK.
Std Error of Est:	0.000060		
Predicted MDL:	0.009883		
Predicted MQL:	0.032942		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00313	.001	1
S1	.02500	.01979	-.005	-20.8	.00612	.001	1
S2	3.7500	3.6716	-.078	-2.09	.55841	.001	1
S3	7.5000	7.4430	-.057	-.761	1.1288	.002	1
S4	15.000	14.965	-.035	-.233	2.2664	.010	1
S5	30.000	30.176	.176	.585	4.5667	.027	1

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5



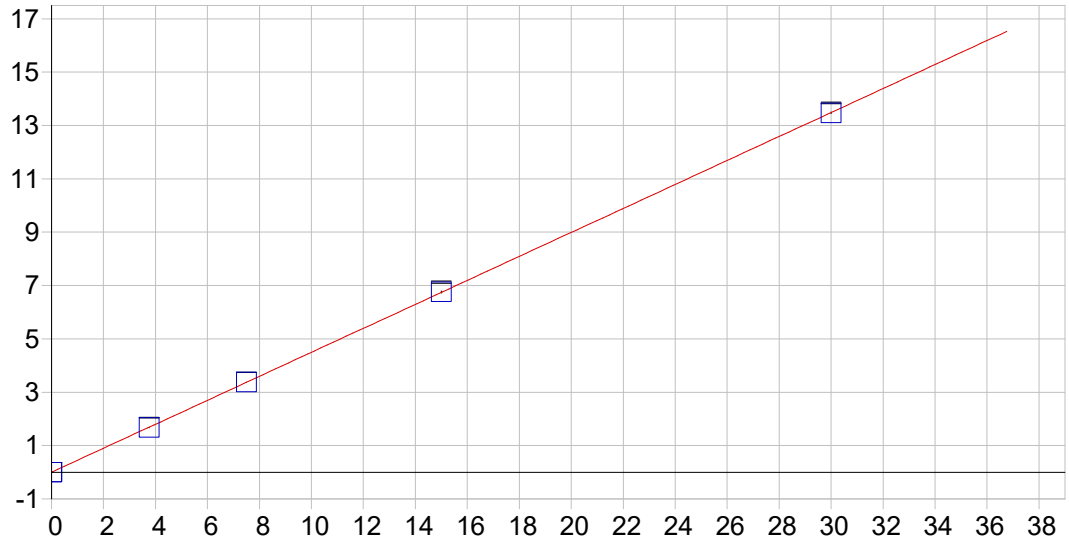
Fe 259.837 {130}

Date of Fit:	01/03/2025 12:56:42	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000208	Re-Slope:	1.000000
A1 (Gain):	0.024081	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999987	Status:	OK.
Std Error of Est:	0.000054		
Predicted MDL:	0.035426		
Predicted MQL:	0.118087		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	-.00021	.001	1
S1	.10000	.09310	-.007	-6.90	.00203	.001	1
S2	37.500	37.287	-.213	-.568	.89790	.003	1
S3	75.000	75.248	.248	.330	1.8122	.003	1
S4	150.00	151.53	1.53	1.02	3.6497	.021	1
S5	300.00	301.41	1.41	.471	7.2597	.032	1
S6	800.00	797.03	-2.97	-.372	19.193	.003	1

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5



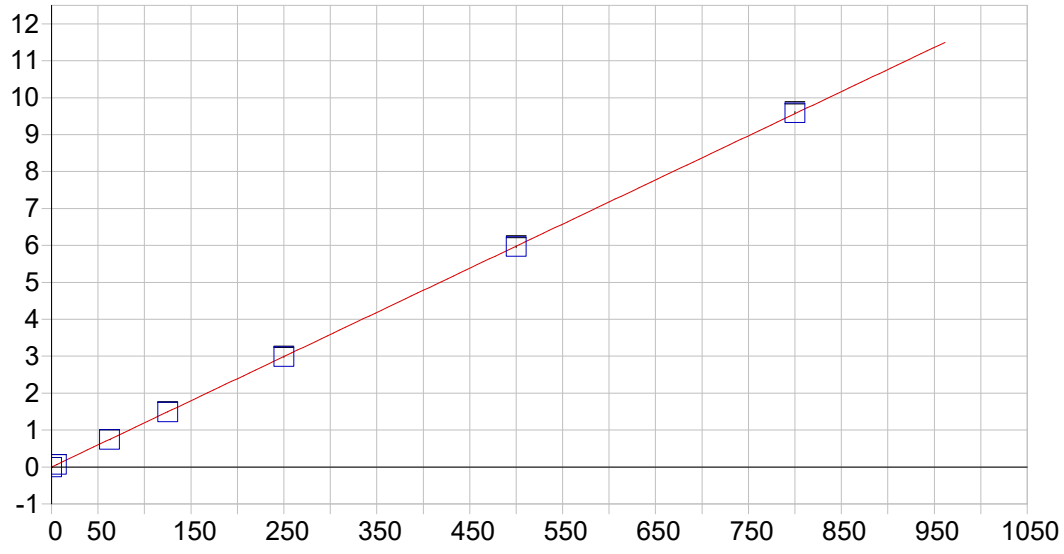
Mn 257.610 {131}

Date of Fit:	01/03/2025 12:56:42	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000088	Re-Slope:	1.000000
A1 (Gain):	0.449550	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999996	Status:	OK.
Std Error of Est:	0.000044		
Predicted MDL:	0.001936		
Predicted MQL:	0.006453		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00009	.000	1
S1	.01500	.01342	-.002	-10.5	.00612	.001	1
S2	3.7500	3.7316	-.018	-.492	1.6776	.008	1
S3	7.5000	7.5135	.013	.179	3.3778	.005	1
S4	15.000	15.039	.039	.262	6.7610	.043	1
S5	30.000	29.967	-.033	-.109	13.472	.030	1

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5



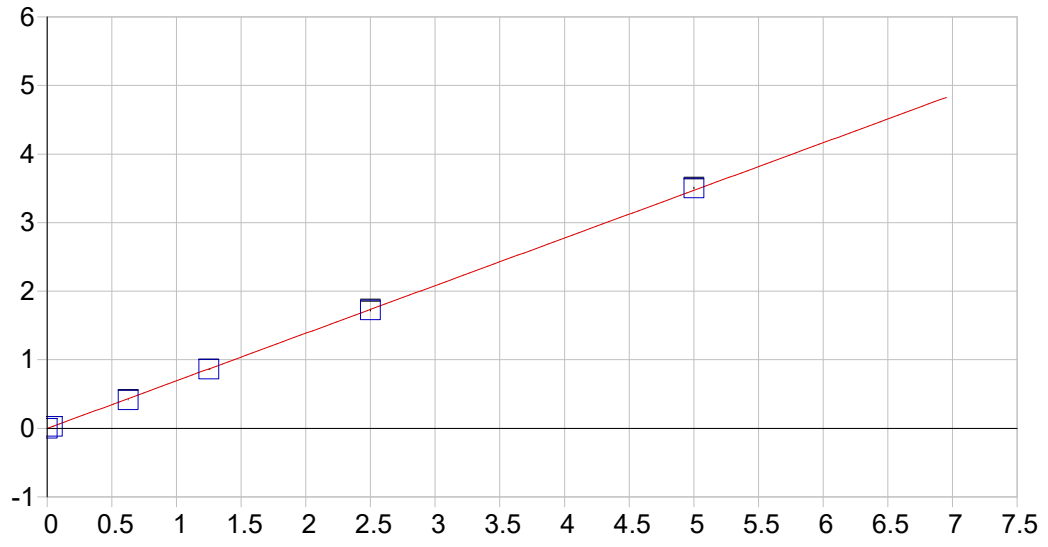
Mg 279.079 {121}

Date of Fit:	01/03/2025 12:56:42	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000058	Re-Slope:	1.000000
A1 (Gain):	0.011958	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999988	Status:	OK.
Std Error of Est:	0.000202		
Predicted MDL:	0.090472		
Predicted MQL:	0.301573		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00031	-.000	.000	-.00006	.001	1
S1	5.0000	5.3746	.375	7.49	.06421	.002	1
S2	62.500	62.048	-.452	-.723	.74192	.004	1
S3	125.00	124.38	-.617	-.493	1.4873	.004	1
S4	250.00	249.81	-.193	-.077	2.9872	.015	1
S5	500.00	499.01	-.989	-.198	5.9672	.027	1
S6	800.00	801.88	1.88	.235	9.5889	.030	1

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5



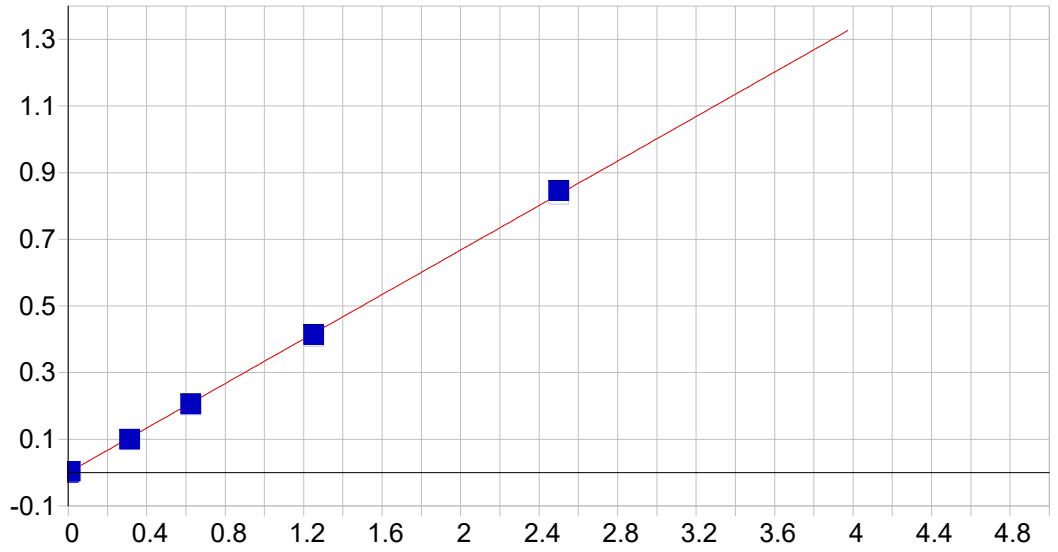
Ni 231.604 {446}

Date of Fit:	01/03/2025 12:56:42	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.001274	Re-Slope:	1.000000
A1 (Gain):	0.694264	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999911	Status:	OK.
Std Error of Est:	0.000220		
Predicted MDL:	0.000939		
Predicted MQL:	0.003131		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00127	.001	1
S1	.04000	.03851	-.001	-3.73	.02546	.000	1
S2	.62500	.60027	-.025	-3.96	.41547	.001	1
S3	1.2500	1.2413	-.009	-.695	.86053	.000	1
S4	2.5000	2.4851	-.015	-.595	1.7241	.015	1
S5	5.0000	5.0498	.050	.996	3.5046	.011	1

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5



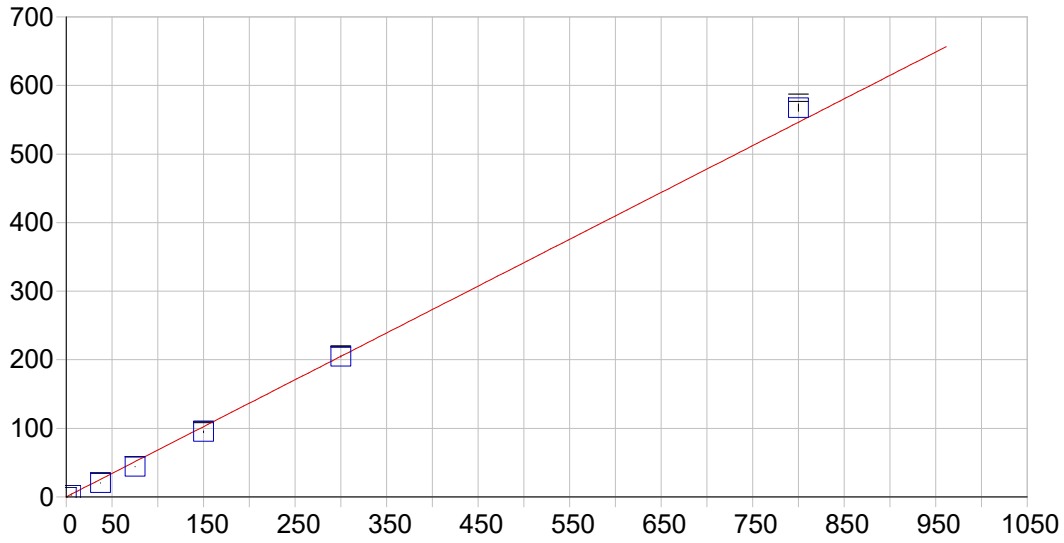
Ag 328.068 {103}

Date of Fit:	01/03/2025 12:56:42	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000171	Re-Slope:	1.000000
A1 (Gain):	0.333831	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999853	Status:	OK.
Std Error of Est:	0.000047		
Predicted MDL:	0.001608		
Predicted MQL:	0.005359		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00017	.000	1
S1	.01000	.01024	.000	2.44	.00359	.000	1
S2	.31250	.29801	-.014	-4.64	.09816	.000	1
S3	.62500	.61567	-.009	-1.49	.20270	.001	1
S4	1.2500	1.2401	-.010	-.792	.40815	.001	1
S5	2.5000	2.5335	.033	1.34	.83391	.001	1

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5



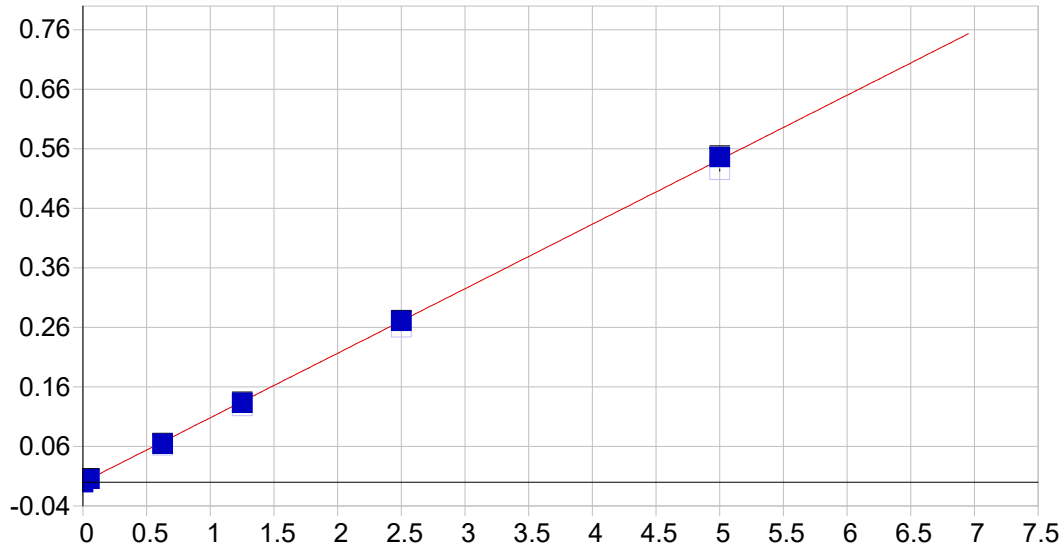
Na 818.326 { 41}

Date of Fit:	01/03/2025 12:56:42	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.102999	Re-Slope:	1.000000
A1 (Gain):	0.682872	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.998008	Status:	OK.
Std Error of Est:	0.133464		
Predicted MDL:	0.019606		
Predicted MQL:	0.065354		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00324	.003	.000	.10521	.023	1
S1	5.0000	3.6759	-1.32	-26.5	2.6132	.021	1
S2	37.500	29.691	-7.81	-20.8	20.378	.134	1
S3	75.000	64.528	-10.5	-14.0	44.168	.279	1
S4	150.00	138.92	-11.1	-7.38	94.971	1.11	1
S5	300.00	299.63	-.365	-.122	204.72	.954	1
S6	800.00	831.05	31.0	3.88	567.60	5.47	1

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5



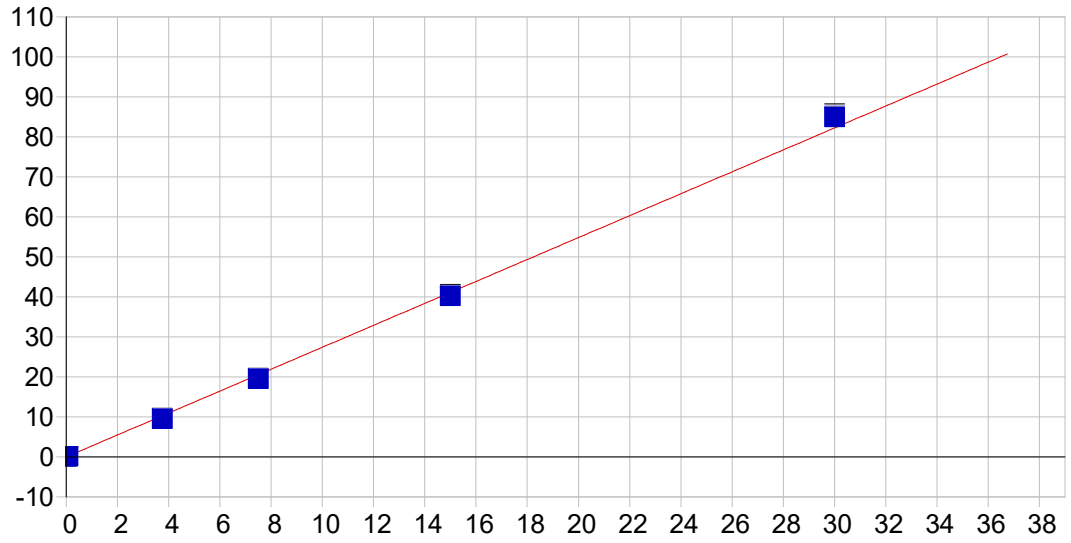
V 292.402 {115}

Date of Fit:	01/03/2025 12:56:42	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000235	Re-Slope:	1.000000
A1 (Gain):	0.108400	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999892	Status:	OK.
Std Error of Est:	0.000041		
Predicted MDL:	0.011988		
Predicted MQL:	0.039958		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00024	.001	1
S1	.05000	.05201	.002	4.03	.00539	.001	1
S2	.62500	.59736	-.028	-4.42	.06180	.001	1
S3	1.2500	1.2331	-.017	-1.35	.12800	.001	1
S4	2.5000	2.5007	.001	.030	.25999	.001	1
S5	5.0000	5.0417	.042	.835	.52457	.002	1

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5



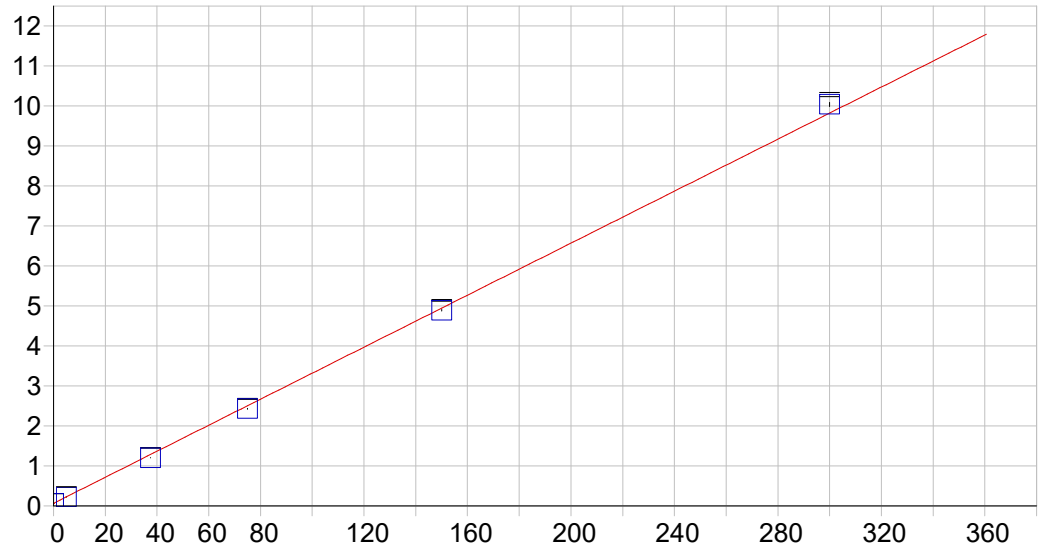
Zn 213.856 {158}

Date of Fit:	01/03/2025 12:56:42	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.002813	Re-Slope:	1.000000
A1 (Gain):	2.741170	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999297	Status:	OK.
Std Error of Est:	0.007355		
Predicted MDL:	0.000618		
Predicted MQL:	0.002059		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00283	.003	1
S1	.06000	.06041	.000	.684	.16892	.001	1
S2	3.7500	3.4683	-.282	-7.51	9.5603	.113	1
S3	7.5000	7.1259	-.374	-4.99	19.637	.065	1
S4	15.000	14.664	-.336	-2.24	40.401	.264	1
S5	30.000	30.991	.991	3.30	85.357	.436	1

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5



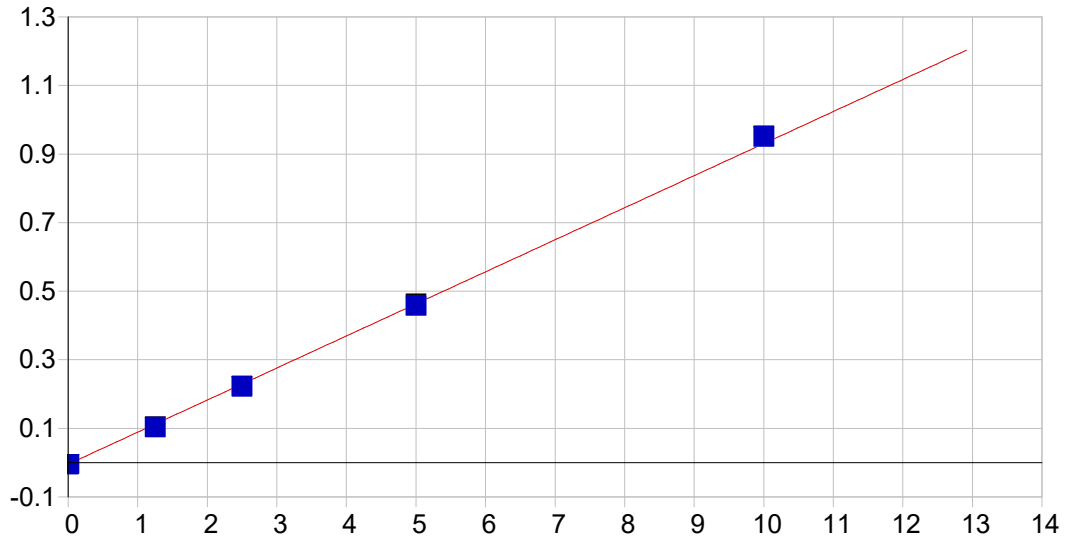
K 769.896 { 44}

Date of Fit:	01/03/2025 12:56:42	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.066515	Re-Slope:	1.000000
A1 (Gain):	0.032523	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999631	Status:	OK.
Std Error of Est:	0.001823		
Predicted MDL:	0.183625		
Predicted MQL:	0.612082		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00056	.001	.000	.06653	.007	1
S1	5.0000	4.8812	-.119	-2.38	.22526	.011	1
S2	37.500	34.921	-2.58	-6.88	1.2022	.005	1
S3	75.000	72.653	-2.35	-3.13	2.4294	.014	1
S4	150.00	148.38	-1.62	-1.08	4.8921	.019	1
S5	300.00	306.67	6.67	2.22	10.040	.052	1

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5



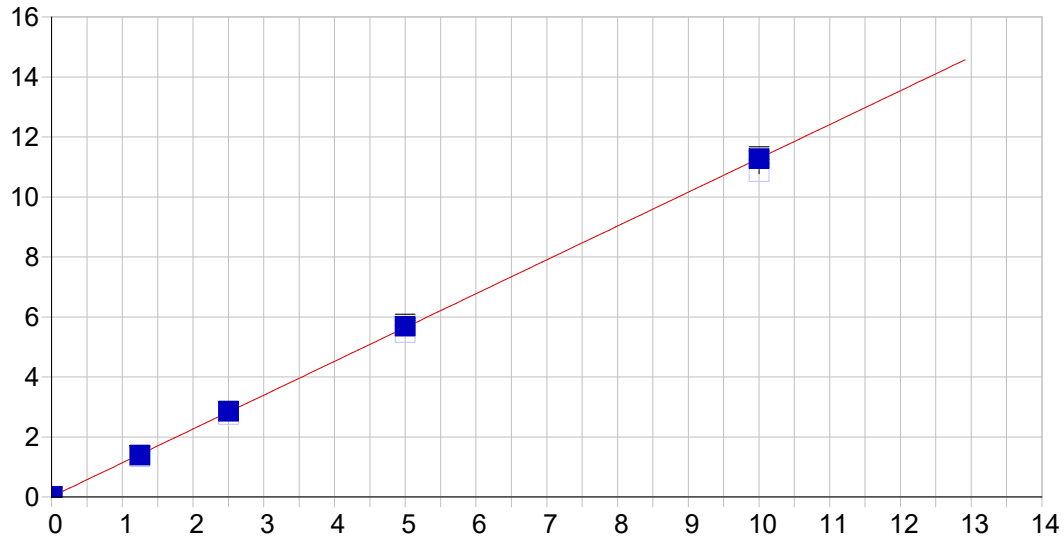
P 177.495 {490}

Date of Fit:	01/03/2025 12:56:42	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.004519	Re-Slope:	1.000000
A1 (Gain):	0.093497	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999611	Status:	OK.
Std Error of Est:	0.000044		
Predicted MDL:	0.003018		
Predicted MQL:	0.010061		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00452	.000	1
S1	.01000	.00970	-.000	-3.04	-.00361	.000	1
S2	1.2500	1.1561	-.094	-7.52	.10340	.000	1
S3	2.5000	2.4277	-.072	-2.89	.22212	.001	1
S4	5.0000	4.9467	-.053	-1.07	.45730	.005	1
S5	10.000	10.220	.220	2.20	.94964	.002	1

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5



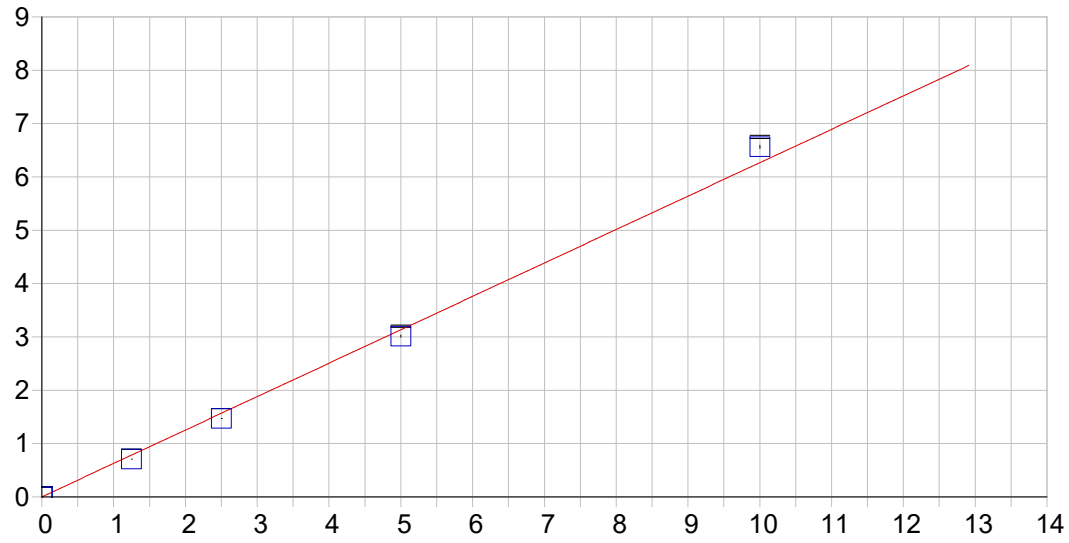
B 249.678 {135}

Date of Fit:	01/03/2025 12:56:42	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.008656	Re-Slope:	1.000000
A1 (Gain):	1.127550	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999460	Status:	OK.
Std Error of Est:	0.000598		
Predicted MDL:	0.002059		
Predicted MQL:	0.006862		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00867	.002	1
S1	.01000	-.00335	-.013	-134.	.00481	.001	1
S2	1.2500	1.2245	-.026	-2.04	1.3357	.003	1
S3	2.5000	2.5169	.017	.675	2.7394	.016	1
S4	5.0000	5.0355	.036	.711	5.4721	.072	1
S5	10.000	9.9869	-.013	-.131	10.841	.066	1

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5



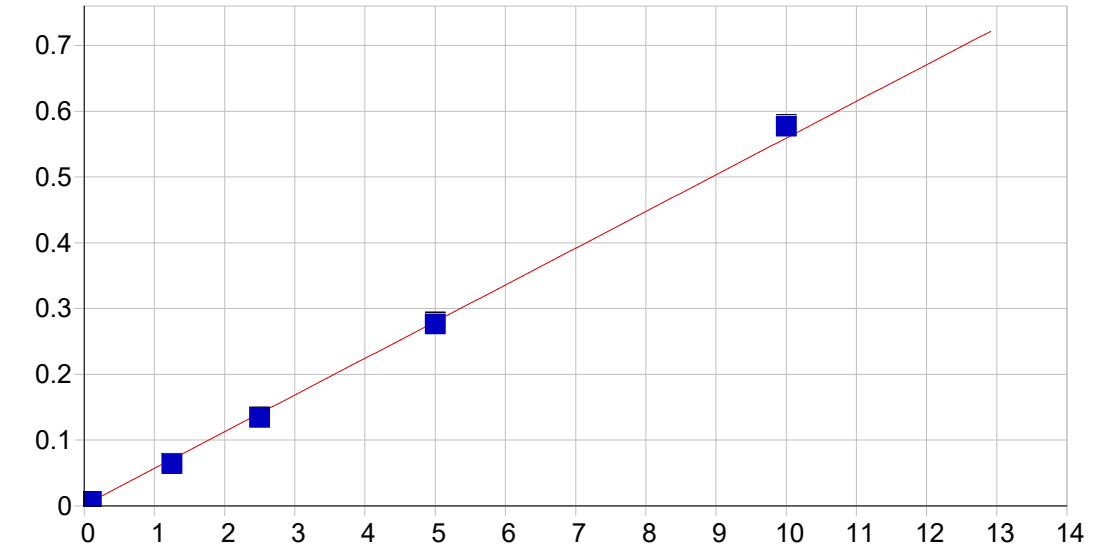
Mo 202.030 {467}

Date of Fit:	01/03/2025 12:56:42	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.001115	Re-Slope:	1.000000
A1 (Gain):	0.626497	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.998629	Status:	OK.
Std Error of Est:	0.000551		
Predicted MDL:	0.000765		
Predicted MQL:	0.002549		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00112	.000	1
S1	.01000	.01041	.000	4.14	.00764	.000	1
S2	1.2500	1.1265	-.123	-9.88	.70686	.001	1
S3	2.5000	2.3431	-.157	-6.28	1.4690	.002	1
S4	5.0000	4.8091	-.191	-3.82	3.0140	.019	1
S5	10.000	10.471	.471	4.71	6.5611	.030	1

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5



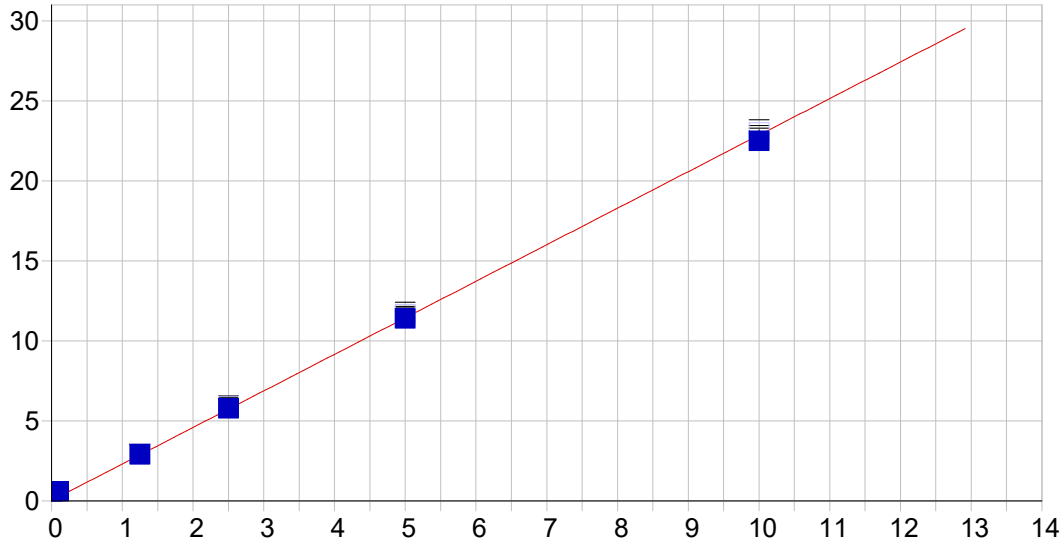
S 182.034 {485}

Date of Fit:	01/03/2025 12:56:42	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.001153	Re-Slope:	1.000000
A1 (Gain):	0.055803	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999184	Status:	OK.
Std Error of Est:	0.000120		
Predicted MDL:	0.004528		
Predicted MQL:	0.015092		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00003	.000	.000	.00115	.000	1
S1	.10000	.08254	-.017	-17.5	.00576	.000	1
S2	1.2500	1.1280	-.122	-9.76	.06433	.000	1
S3	2.5000	2.3876	-.112	-4.50	.13483	.000	1
S4	5.0000	4.9338	-.066	-1.32	.27737	.002	1
S5	10.000	10.318	.318	3.18	.57872	.001	1

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5



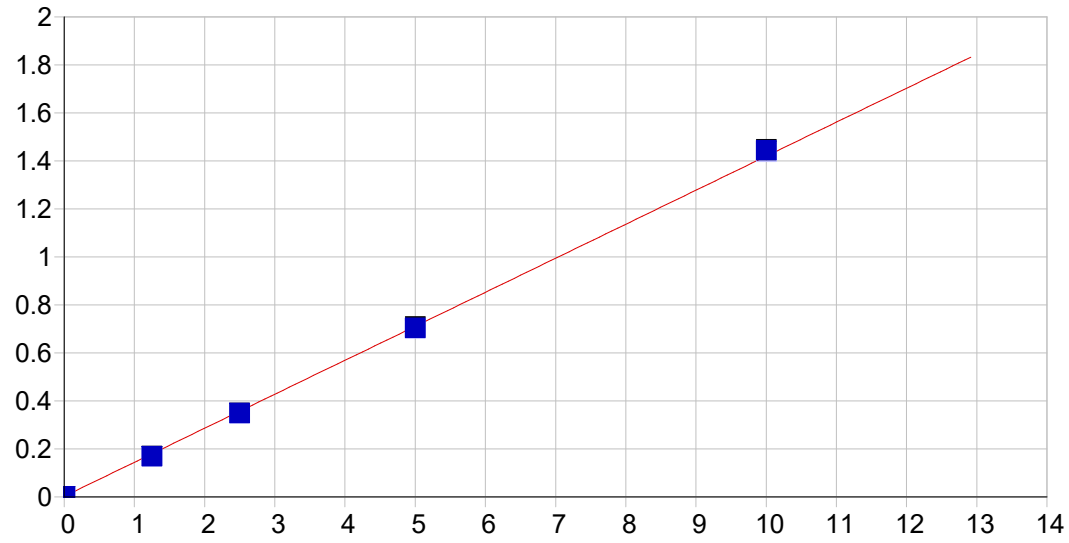
Si 251.611 {134}

Date of Fit:	01/03/2025 12:56:42	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.022974	Re-Slope:	1.000000
A1 (Gain):	2.283946	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.994217	Status:	OK.
Std Error of Est:	0.013407		
Predicted MDL:	0.001043		
Predicted MQL:	0.003478		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00015	-.000	.000	.02263	.001	1
S1	.10000	.25066	.151	151.	.59869	.004	1
S2	1.2500	1.2581	.008	.650	2.9613	.005	1
S3	2.5000	2.5213	.021	.853	5.9111	.036	1
S4	5.0000	4.9774	-.023	-.453	11.650	.141	1
S5	10.000	9.8438	-.156	-1.56	23.024	.179	1

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5



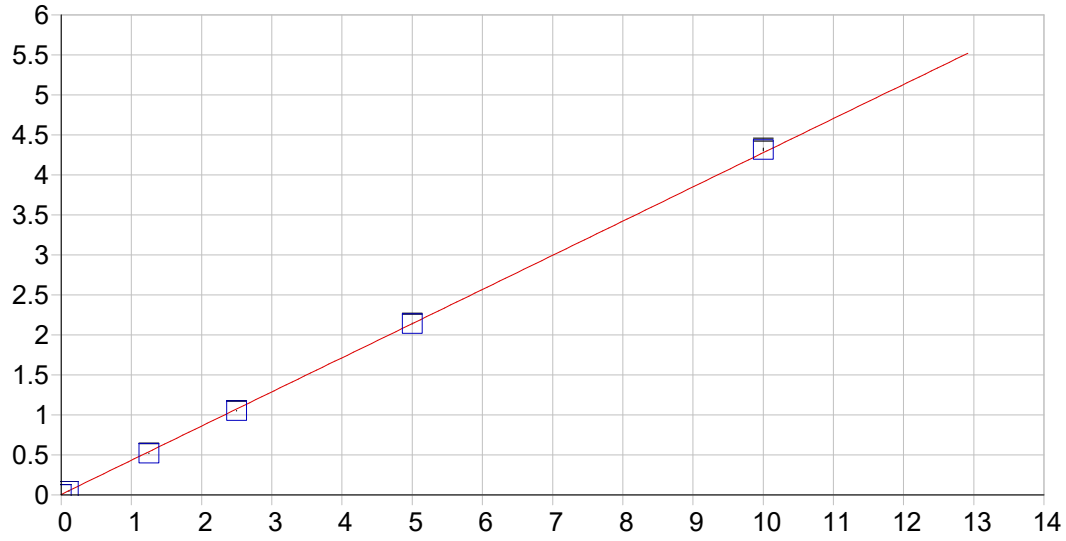
Sn 189.989 {478}

Date of Fit:	01/03/2025 12:56:42	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.002549	Re-Slope:	1.000000
A1 (Gain):	0.141695	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999751	Status:	OK.
Std Error of Est:	0.000044		
Predicted MDL:	0.001604		
Predicted MQL:	0.005348		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00255	.000	1
S1	.00700	.00726	.000	3.70	.00353	.000	1
S2	1.2500	1.1761	-.074	-5.91	.16830	.000	1
S3	2.5000	2.4432	-.057	-2.27	.34696	.000	1
S4	5.0000	4.9530	-.047	-.940	.70081	.006	1
S5	10.000	10.178	.178	1.78	1.4375	.004	1

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5



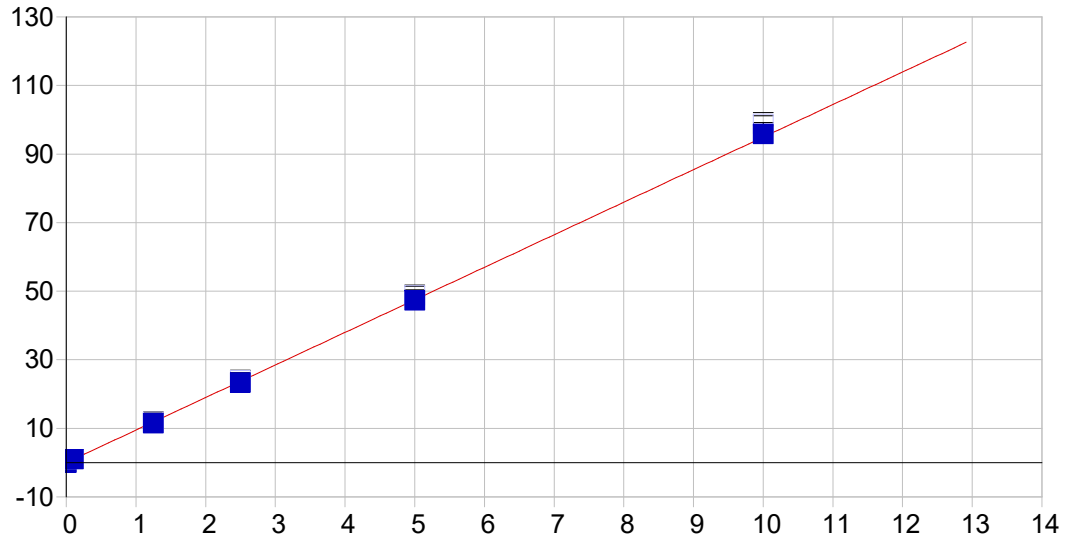
Ti 336.121 {100}

Date of Fit:	01/03/2025 12:56:42	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.005971	Re-Slope:	1.000000
A1 (Gain):	0.427042	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999902	Status:	OK.
Std Error of Est:	0.000317		
Predicted MDL:	0.004656		
Predicted MQL:	0.015522		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00597	.002	1
S1	.10000	.09665	-.003	-3.35	.04724	.001	1
S2	1.2500	1.2054	-.045	-3.57	.52073	.004	1
S3	2.5000	2.4492	-.051	-2.03	1.0519	.004	1
S4	5.0000	5.0017	.002	.034	2.1419	.005	1
S5	10.000	10.097	.097	.971	4.3178	.017	1

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5



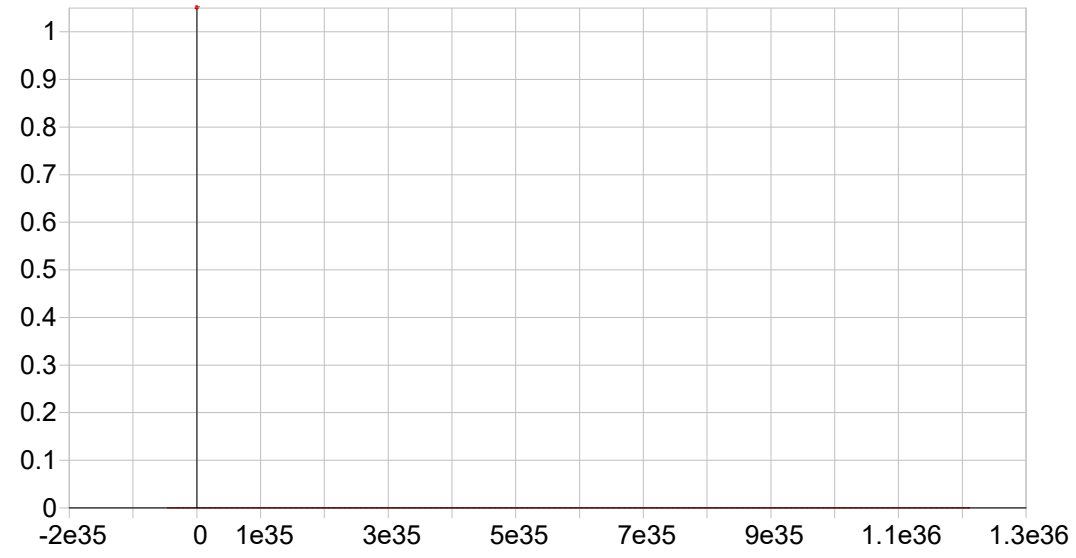
Sr 407.771 { 83}

Date of Fit:	01/03/2025 12:56:42	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.001853	Re-Slope:	1.000000
A1 (Gain):	9.493908	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999900	Status:	OK.
Std Error of Est:	0.007341		
Predicted MDL:	0.000288		
Predicted MQL:	0.000960		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00189	.003	1
S1	.10000	.10882	.009	8.82	1.0322	.006	1
S2	1.2500	1.2090	-.041	-3.28	11.832	.024	1
S3	2.5000	2.4535	-.047	-1.86	24.003	.073	1
S4	5.0000	4.9821	-.018	-.358	48.722	.205	1
S5	10.000	10.097	.097	.969	98.705	.476	1

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

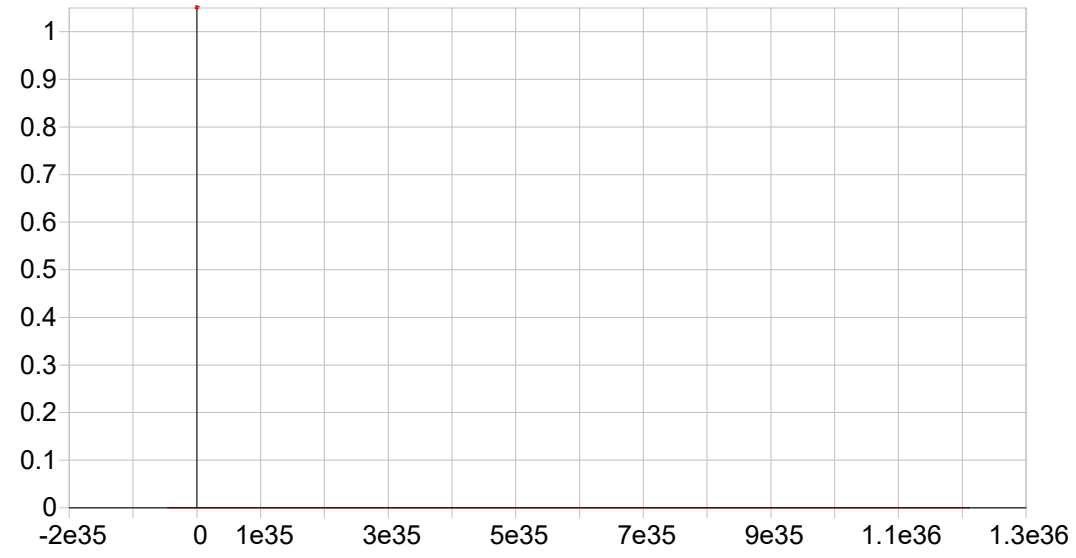


Y 224.306 {450}*

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}*

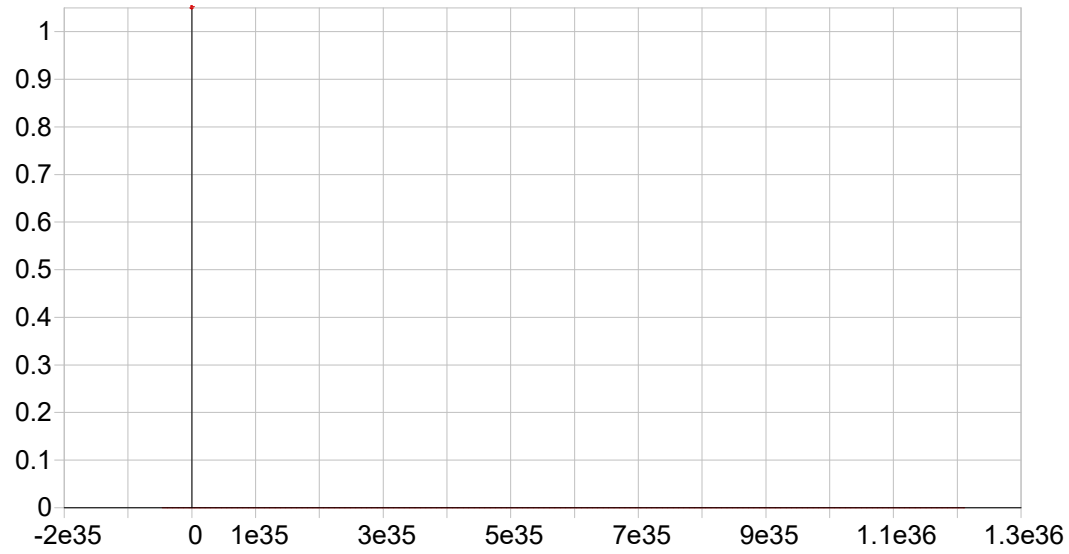
Date of Fit:	<not fit>	Type of Fit:	Linear	Weighting:	1/Conc

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

Reviewed By:Mohan
On:1/6/2025 4:38:30 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



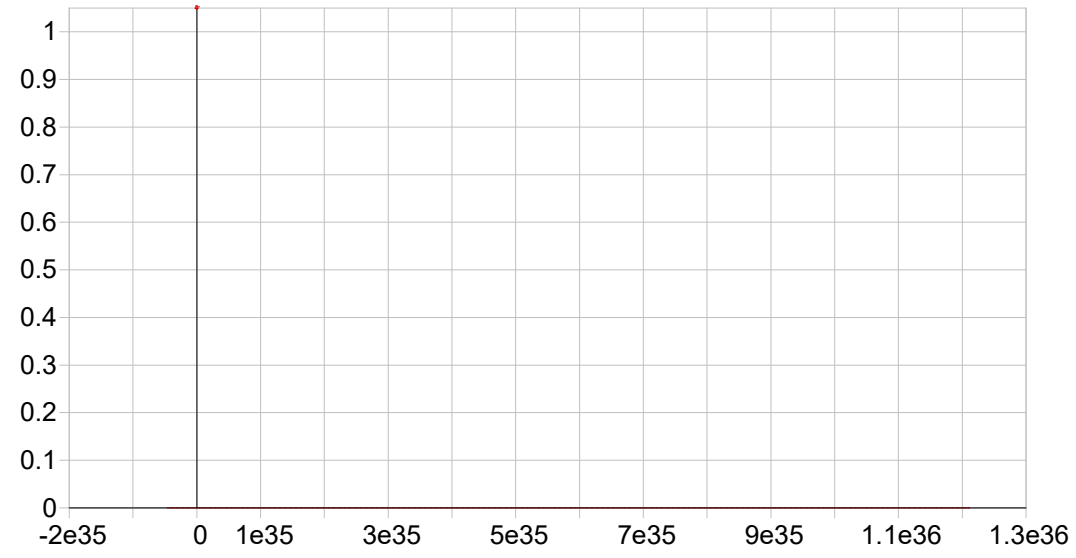
Y 371.030 { 91}*

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

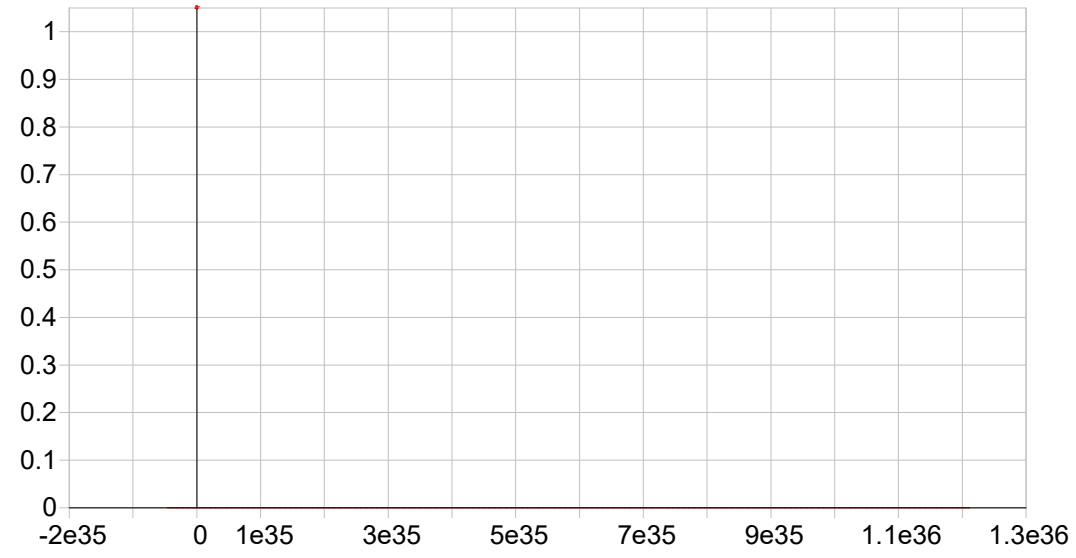
Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5



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



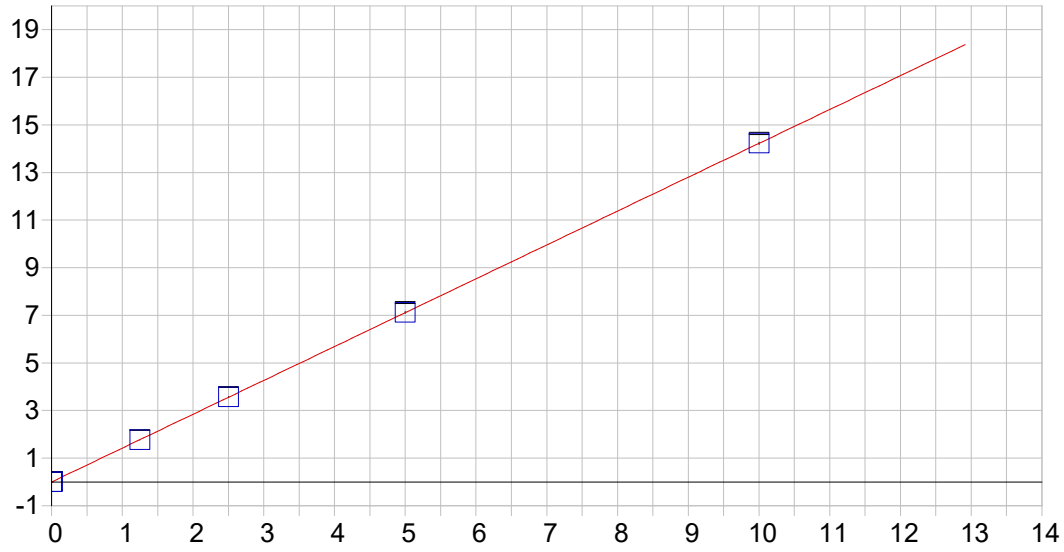
In 230.606 {446}*

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:1/6/2025 4:38:30 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:	01/03/2025 12:56:42	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.001239	Re-Slope:	1.000000
A1 (Gain):	1.422611	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999899	Status:	OK.
Std Error of Est:	0.000415		
Predicted MDL:	0.004002		
Predicted MQL:	0.013339		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	-.00123	.007	1
S5	10.000	10.002	.002	.016	14.227	.049	1
S4	5.0000	5.0033	.003	.065	7.1165	.040	1
S3	2.5000	2.5123	.012	.493	3.5728	.010	1
S2	1.2500	1.2401	-.010	-.789	1.7630	.010	1
S1	.01500	.00761	-.007	-49.3	.00959	.004	1

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: S0 Acquired: 01/03/2025 12:30:06 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) 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	.18942	-.00045	-.00068	-.00013	-.00003	-.00182	.16789	.00495
Stddev	.73516	.00019	.00084	.00013	.00028	.00132	.01289	.00085
%RSD	388.12	42.871	124.62	103.21	913.66	72.647	7.6797	17.133
#1	.51771	-.00063	.00027	-.00016	-.00029	-.00182	.17402	.00464
#2	.70324	-.00046	-.00097	.00002	.00027	-.00313	.15307	.00431
#3	-.65269	-.00025	-.00133	-.00024	-.00007	-.00050	.17657	.00592

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	.00050	.01154	-.00011	-.00082	.00313	-.00021	.00009	-.00006
Stddev	.00070	.00374	.00029	.00052	.00124	.00138	.00046	.00061
%RSD	139.75	32.422	266.35	63.572	39.727	661.19	516.90	987.55
#1	.00126	.01560	-.00045	-.00026	.00170	.00138	.00059	-.00075
#2	.00038	.01078	.00009	-.00129	.00392	-.00106	-.00032	.00018
#3	-.00013	.00824	.00003	-.00092	.00378	-.00095	-.00001	.00038

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	-.00127	.00017	.10521	-.00024	.00283	.06653	-.00452	.00867
Stddev	.00083	.00025	.02252	.00077	.00289	.00672	.00048	.00227
%RSD	64.946	146.34	21.405	326.65	101.96	10.103	10.520	26.163
#1	-.00217	.00038	.08203	-.00111	-.00009	.07404	-.00400	.00636
#2	-.00109	.00024	.12701	.00032	.00290	.06108	-.00494	.00877
#3	-.00055	-.00011	.10661	.00009	.00568	.06448	-.00461	.01089

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	.00112	.00115	.02263	.00255	.00597	-.00189	-.00123
Stddev	.00025	.00011	.00105	.00015	.00246	.00318	.00694
%RSD	22.223	9.1721	4.6347	5.8331	41.198	167.93	564.67
#1	.00138	.00121	.02229	.00272	.00755	-.00246	.00663
#2	.00089	.00122	.02381	.00247	.00314	.00153	-.00381
#3	.00108	.00103	.02180	.00246	.00724	-.00475	-.00650

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: S0 Acquired: 01/03/2025 12:30:06 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) 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	1824.8	18450.	1803.1	1377.2	2021.2
Stddev	9.7	147.	42.2	7.2	5.7
%RSD	.53010	.79791	2.3388	.52281	.28371
#1	1835.0	18606.	1754.7	1382.9	2026.6
#2	1815.8	18430.	1822.1	1379.6	2015.1
#3	1823.5	18314.	1832.3	1369.1	2021.8

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: S1 Acquired: 01/03/2025 12:34:13 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: IR Corr. Factor: 1.000000
User: Kareem Custom ID1: S01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1.8764	.00205	.00237	.00198	.00985	.01766	.86692	.07818
Stddev	.3376	.00027	.00042	.00065	.00028	.00619	.00785	.00035
%RSD	17.990	13.099	17.706	32.805	2.8941	35.056	.90573	.44755
#1	1.8125	.00180	.00200	.00127	.00988	.01714	.87553	.07858
#2	1.5753	.00201	.00283	.00254	.01011	.01175	.86015	.07805
#3	2.2414	.00233	.00229	.00214	.00955	.02410	.86509	.07792

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	.02291	.29663	.00364	.05898	.00612	.00203	.00612	.06421
Stddev	.00038	.00275	.00008	.00050	.00103	.00077	.00137	.00181
%RSD	1.6700	.92738	2.1600	.84645	16.818	37.897	22.364	2.8175
#1	.02319	.29980	.00373	.05950	.00661	.00274	.00599	.06531
#2	.02247	.29525	.00358	.05850	.00682	.00121	.00755	.06520
#3	.02307	.29485	.00361	.05894	.00494	.00215	.00482	.06212

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	.02546	.00359	2.6132	.00539	.16892	.22526	-.00361	.00481
Stddev	.00039	.00030	.0210	.00141	.00080	.01069	.00014	.00101
%RSD	1.5301	8.3398	.80184	26.199	.47594	4.7437	3.8376	20.938
#1	.02524	.00354	2.6359	.00376	.16939	.23197	-.00345	.00421
#2	.02523	.00332	2.5945	.00628	.16799	.23088	-.00369	.00426
#3	.02591	.00391	2.6092	.00613	.16937	.21294	-.00369	.00598

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	.00764	.00576	.59869	.00353	.04724	1.0322	.00959
Stddev	.00039	.00033	.00383	.00015	.00068	.0065	.00447
%RSD	5.1646	5.7329	.63948	4.3733	1.4319	.62491	46.593
#1	.00741	.00539	.60263	.00348	.04646	1.0391	.01080
#2	.00809	.00602	.59846	.00341	.04761	1.0310	.01333
#3	.00742	.00587	.59498	.00371	.04765	1.0264	.00464

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: S1 Acquired: 01/03/2025 12:34:13 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) 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	1820.7	18414.	1818.6	1356.0	2032.1
Stddev	6.2	95.	9.8	6.2	3.6
%RSD	.33854	.51445	.54150	.46037	.17955
#1	1813.9	18424.	1808.1	1352.8	2028.3
#2	1822.5	18503.	1827.5	1363.2	2032.5
#3	1825.8	18315.	1820.3	1352.1	2035.5

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: S2 Acquired: 01/03/2025 12:38:19 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) 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	168.96	.11620	1.6925	.07957	.19884	3.7965	8.3892	1.7160
Stddev	.25	.00033	.0014	.00025	.00060	.0124	.0485	.0032
%RSD	.14865	.28735	.08196	.31365	.30340	.32692	.57818	.18754
#1	168.98	.11657	1.6929	.07946	.19891	3.8051	8.4374	1.7133
#2	168.70	.11591	1.6909	.07940	.19941	3.7823	8.3898	1.7151
#3	169.20	.11612	1.6936	.07986	.19821	3.8022	8.3404	1.7195

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2.6826	3.4125	1.3556	.71503	.55841	.89790	1.6776	.74192
Stddev	.0017	.0112	.0058	.00110	.00053	.00267	.0082	.00352
%RSD	.06273	.32808	.42876	.15390	.09504	.29723	.48995	.47381
#1	2.6846	3.4233	1.3599	.71605	.55780	.90042	1.6865	.74597
#2	2.6818	3.4132	1.3579	.71387	.55879	.89511	1.6760	.73964
#3	2.6815	3.4010	1.3490	.71518	.55863	.89817	1.6703	.74015

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	.41547	.09816	20.378	.06180	9.5603	1.2022	.10340	1.3357
Stddev	.00098	.00015	.134	.00102	.1128	.0053	.00046	.0026
%RSD	.23504	.15473	.65919	1.6555	1.1794	.43845	.44959	.19596
#1	.41660	.09824	20.483	.06087	9.6857	1.2066	.10297	1.3334
#2	.41491	.09824	20.425	.06290	9.5280	1.2038	.10333	1.3386
#3	.41490	.09798	20.227	.06164	9.4672	1.1964	.10390	1.3351

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	.70686	.06433	2.9613	.16830	.52073	11.832	1.7630
Stddev	.00111	.00027	.0046	.00034	.00352	.024	.0098
%RSD	.15667	.41387	.15651	.20237	.67691	.20140	.55363
#1	.70807	.06453	2.9594	.16864	.51792	11.857	1.7739
#2	.70662	.06442	2.9666	.16832	.51958	11.810	1.7599
#3	.70590	.06402	2.9579	.16796	.52468	11.830	1.7552

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: S2 Acquired: 01/03/2025 12:38:19 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) 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	1732.4	17980.	1781.5	1298.5	1852.5
Stddev	3.2	211.	13.6	18.4	4.0
%RSD	.18354	1.1749	.76139	1.4200	.21676
#1	1730.0	17816.	1770.9	1279.5	1848.3
#2	1731.2	17905.	1776.7	1299.7	1852.9
#3	1736.0	18218.	1796.7	1316.3	1856.3

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: S3 Acquired: 01/03/2025 12:42:11 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) 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	340.05	.23960	3.4986	.16588	.41064	7.6655	16.931	3.4319
Stddev	.80	.00035	.0051	.00037	.00122	.0088	.049	.0219
%RSD	.23599	.14736	.14643	.22012	.29655	.11471	.28783	.63788
#1	340.23	.23940	3.5021	.16552	.41045	7.6556	16.956	3.4528
#2	340.74	.24001	3.4927	.16586	.41194	7.6723	16.962	3.4337
#3	339.17	.23940	3.5010	.16625	.40953	7.6685	16.875	3.4092

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5.5418	6.8978	2.7453	1.4639	1.1288	1.8122	3.3778	1.4873
Stddev	.0084	.0251	.0059	.0029	.0024	.0033	.0054	.0041
%RSD	.15243	.36437	.21499	.20034	.21059	.18007	.16100	.27844
#1	5.5416	6.9166	2.7506	1.4638	1.1311	1.8113	3.3796	1.4904
#2	5.5334	6.9075	2.7464	1.4610	1.1288	1.8159	3.3821	1.4890
#3	5.5503	6.8692	2.7389	1.4669	1.1263	1.8096	3.3716	1.4826

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	.86053	.20270	44.168	.12800	19.637	2.4294	.22212	2.7394
Stddev	.00023	.00097	.279	.00126	.065	.0143	.00086	.0158
%RSD	.02715	.47690	.63188	.98797	.33075	.58759	.38805	.57583
#1	.86056	.20317	44.449	.12927	19.690	2.4435	.22172	2.7536
#2	.86028	.20334	44.164	.12799	19.657	2.4297	.22154	2.7420
#3	.86074	.20158	43.891	.12674	19.564	2.4149	.22311	2.7224

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	1.4690	.13483	5.9111	.34696	1.0519	24.003	3.5728
Stddev	.0020	.00039	.0358	.00014	.0041	.073	.0098
%RSD	.13575	.28728	.60589	.03916	.39273	.30247	.27287
#1	1.4674	.13454	5.9464	.34687	1.0478	23.944	3.5841
#2	1.4684	.13468	5.9122	.34712	1.0560	24.084	3.5672
#3	1.4713	.13527	5.8748	.34690	1.0518	23.981	3.5672

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: S3 Acquired: 01/03/2025 12:42:11 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) 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	1661.1	17448.	1761.6	1240.8	1765.9
Stddev	4.0	40.	8.7	2.9	6.0
%RSD	.24354	.22822	.49442	.23208	.33992
#1	1661.7	17405.	1751.8	1237.5	1764.1
#2	1664.7	17483.	1764.8	1242.8	1772.6
#3	1656.7	17457.	1768.3	1242.1	1761.0

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: S4 Acquired: 01/03/2025 12:45:58 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) 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	660.82	.47432	7.0856	.33502	.84129	15.609	33.977	6.7626
Stddev	1.07	.00317	.0541	.00280	.00655	.062	.113	.1068
%RSD	.16136	.66833	.76371	.83553	.77897	.39599	.33161	1.5799
#1	660.69	.47647	7.1168	.33746	.84317	15.637	34.024	6.8371
#2	659.83	.47068	7.0232	.33196	.83400	15.653	34.059	6.8105
#3	661.95	.47581	7.1169	.33562	.84670	15.539	33.848	6.6402

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	11.086	13.729	5.4495	2.9040	2.2664	3.6497	6.7610	2.9872
Stddev	.087	.058	.0060	.0253	.0096	.0211	.0427	.0146
%RSD	.78537	.42420	.10912	.87001	.42412	.57798	.63121	.48712
#1	11.137	13.778	5.4428	2.9202	2.2772	3.6632	6.7807	2.9970
#2	10.985	13.744	5.4514	2.8749	2.2631	3.6605	6.7902	2.9941
#3	11.135	13.665	5.4543	2.9170	2.2588	3.6254	6.7120	2.9705

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	1.7241	.40815	94.971	.25999	40.401	4.8921	.45730	5.4721
Stddev	.0148	.00079	1.111	.00087	.264	.0190	.00487	.0720
%RSD	.85952	.19381	1.1703	.33451	.65300	.38832	1.0651	1.3153
#1	1.7355	.40758	95.495	.25935	40.339	4.8988	.46004	5.5356
#2	1.7073	.40781	95.723	.26098	40.691	4.9069	.45168	5.4867
#3	1.7293	.40905	93.694	.25963	40.174	4.8707	.46019	5.3939

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	3.0140	.27737	11.650	.70081	2.1419	48.722	7.1165
Stddev	.0193	.00217	.141	.00556	.0052	.205	.0396
%RSD	.64100	.78323	1.2105	.79268	.24282	.42097	.55597
#1	3.0257	.27833	11.743	.70381	2.1442	48.901	7.1557
#2	2.9917	.27488	11.720	.69440	2.1456	48.765	7.1172
#3	3.0246	.27889	11.488	.70422	2.1359	48.498	7.0765

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: S4 Acquired: 01/03/2025 12:45:58 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) 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	1564.9	16891.	1724.5	1158.3	1684.7
Stddev	9.2	74.	19.3	7.4	12.2
%RSD	.58525	.43994	1.1220	.64272	.72660
#1	1557.2	16976.	1715.3	1162.1	1675.2
#2	1575.1	16863.	1711.5	1149.7	1698.5
#3	1562.5	16835.	1746.8	1163.1	1680.4

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: S5 Acquired: 01/03/2025 12:49:43 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) 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	1288.1	.94611	14.541	.71043	1.8381	31.927	68.614	13.345
Stddev	3.2	.00324	.032	.00373	.0089	.171	.238	.078
%RSD	.24887	.34218	.21873	.52559	.48151	.53403	.34748	.58340
#1	1284.7	.94581	14.534	.71308	1.8434	31.839	68.423	13.287
#2	1291.1	.94304	14.512	.70616	1.8279	32.123	68.881	13.434
#3	1288.3	.94949	14.575	.71204	1.8431	31.818	68.538	13.314

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	22.475	27.317	10.903	5.8899	4.5667	7.2597	13.472	5.9672
Stddev	.060	.125	.016	.0150	.0271	.0320	.030	.0265
%RSD	.26644	.45720	.14718	.25536	.59382	.44107	.22595	.44436
#1	22.453	27.255	10.896	5.8881	4.5637	7.2675	13.468	5.9585
#2	22.430	27.460	10.922	5.8758	4.5952	7.2872	13.504	5.9970
#3	22.543	27.235	10.892	5.9058	4.5412	7.2245	13.444	5.9461

Elem	Ni2316	Ag3280	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3.5046	.83391	204.72	.52457	85.357	10.040	.94964	10.841
Stddev	.0106	.00125	.95	.00192	.436	.052	.00220	.066
%RSD	.30281	.14985	.46604	.36615	.51086	.51968	.23126	.61060
#1	3.5045	.83459	203.95	.52579	84.863	10.002	.94810	10.788
#2	3.4940	.83466	205.79	.52556	85.521	10.100	.94867	10.915
#3	3.5153	.83246	204.41	.52236	85.687	10.018	.95216	10.819

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077	Li6707
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6.5611	.57872	23.024	1.4375	4.3178	98.705	14.227
Stddev	.0300	.00104	.179	.0038	.0165	.476	.049
%RSD	.45658	.17894	.77700	.26261	.38281	.48213	.34690
#1	6.5714	.57967	22.903	1.4366	4.3085	98.530	14.197
#2	6.5274	.57762	23.230	1.4343	4.3369	99.244	14.284
#3	6.5845	.57888	22.940	1.4417	4.3081	98.342	14.201

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: S5 Acquired: 01/03/2025 12:49:43 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) 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	1398.4	16253.	1695.1	1034.0	1582.9
Stddev	8.7	42.	12.3	3.9	4.9
%RSD	.62488	.25617	.72484	.37986	.31178
#1	1392.7	16255.	1701.8	1038.5	1580.8
#2	1408.5	16210.	1680.9	1032.3	1588.6
#3	1394.1	16293.	1702.5	1031.3	1579.4

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: S6 Acquired: 01/03/2025 12:53:37 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) 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	84.233	43.909	19.193	9.5889	567.60
Stddev	.114	.084	.003	.0302	5.47
%RSD	.13541	.19200	.01321	.31438	.96315
#1	84.293	43.971	19.190	9.6081	572.90
#2	84.305	43.943	19.194	9.6044	567.91
#3	84.102	43.813	19.195	9.5542	561.98

Int. Std.	Y_3710
Units	Cts/S
Avg	1639.9
Stddev	9.6
%RSD	.58272
#1	1638.1
#2	1631.4
#3	1650.3

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: ICV051 Acquired: 01/03/2025 13:04:36 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICV051 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.079059	1.000783	.9840480	.9477416	.9086755	2.403445
Stddev	.005416	.005579	.0040799	.0053265	.0024773	.009321
%RSD	.5019244	.5574760	.4146069	.5620190	.2726300	.3878239
#1	1.084504	1.001600	.9884115	.9436416	.9113250	2.413351
#2	1.079000	1.005909	.9834043	.9458213	.9082847	2.394847
#3	1.073673	.994841	.9803281	.9537620	.9064168	2.402138

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5176620	.5321191	.5019377	10.19293	.5505940	.5066093
Stddev	.0008384	.0031001	.0006478	.07120	.0022569	.0004314
%RSD	.1619579	.5825914	.1290665	.6984986	.4099001	.0851485
#1	.5180862	.5329223	.5025631	10.24929	.5529878	.5063505
#2	.5166963	.5347385	.5019805	10.11292	.5502892	.5063701
#3	.5182035	.5286964	.5012696	10.21658	.5485050	.5071072

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4953439	10.34324	.5377142	6.225183	.5153662	.2476684
Stddev	.0188414	.09141	.0055930	.131177	.0011326	.0021007
%RSD	3.803696	.8837320	1.040145	2.107193	.2197625	.8481806
#1	.5075821	10.38469	.5437723	6.333317	.5166226	.2500775
#2	.4736471	10.40658	.5327471	6.262972	.5150524	.2462192
#3	.5048027	10.23846	.5366231	6.079260	.5144236	.2467083

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.35818	.5140353	.9468246	9.172970	F .0001987	F -.018514
Stddev	.08303	.0167179	.0038610	.214650	.0015950	.003559
%RSD	.8015656	3.252285	.4077866	2.340025	802.8371	19.22587
#1	10.41849	.5333166	.9495476	9.262558	.0020025	-.020546
#2	10.39257	.5035808	.9424059	9.328314	-.001025	-.014404
#3	10.26348	.5052086	.9485204	8.928039	-.000381	-.020592

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: ICV051 Acquired: 01/03/2025 13:04:36 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICV051 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .0007138	F .0017593	F .0011466	F -.000558	F .0001971	F -.009303
Stddev	.0000815	.0037057	.0014510	.001580	.0016027	.000173
%RSD	11.42263	210.6430	126.5497	283.2711	813.1978	1.855027
#1	.0006811	-.002456	.0027984	.000025	.0020262	-.009257
#2	.0006536	.003232	.0005638	.000648	-.000961	-.009158
#3	.0008066	.004503	.0000776	-.002346	-.000474	-.009494

Elem	Li6707
Units	ppm
Avg	F .0107418
Stddev	.0035811
%RSD	33.33813
#1	.0066452
#2	.0132779
#3	.0123023

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1827.928	18579.01	1819.376	1371.695	2011.115
Stddev	3.347	129.75	17.681	9.916	1.243
%RSD	.1830786	.6983698	.9718325	.7229208	.0617882
#1	1828.681	18430.85	1803.870	1360.276	2011.275
#2	1830.834	18633.85	1815.628	1378.141	2012.269
#3	1824.269	18672.35	1838.631	1376.669	2009.800

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: ICB051 Acquired: 01/03/2025 13:08:50 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICB051 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001678	-.000540	-.003326	.0020707	.0010064	.0159920
Stddev	.001402	.005331	.001558	.0119618	.0017427	.0135202
%RSD	83.51609	987.5499	46.84722	577.6809	173.1600	84.54358
#1	-.002770	.001577	-.002417	-.011233	-.000471	.0266014
#2	-.002166	.003408	-.005126	.011938	.000563	.0206057
#3	-.000098	-.006604	-.002437	.005507	.002928	.0007688

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002780	-.000086	.0000569	-.029325	-.000664	-.000321
Stddev	.001158	.000246	.0000937	.025924	.000896	.000282
%RSD	41.65419	284.9883	164.8110	88.40165	134.8524	87.64895
#1	-.001448	.000194	.0001246	-.038552	-.001488	-.000448
#2	-.003347	-.000267	-.000050	-.049372	-.000794	-.000518
#3	-.003546	-.000185	.000096	-.000050	.000289	.000001

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001843	-.014824	.0009410	-.203380	-.000523	.0005124
Stddev	.001506	.026210	.0010680	.012513	.001038	.0002923
%RSD	81.69471	176.8063	113.5021	6.152678	198.6388	57.05547
#1	-.000114	.010669	-.000204	-.193495	.000676	.0001924
#2	-.002550	-.013444	.001910	-.217449	-.001117	.0007655
#3	-.002865	-.041698	.001117	-.199196	-.001127	.0005792

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0542194	.0002697	-.000697	.2552889	.0017364	.0022724
Stddev	.0261786	.0066870	.000873	.1455996	.0027666	.0015308
%RSD	48.28277	2479.452	125.2438	57.03327	159.3314	67.36654
#1	.0786614	-.006387	.000310	.2890208	-.000922	.0039886
#2	.0574016	.000209	-.001155	.0957840	.004600	.0010476
#3	.0265951	.006987	-.001246	.3810619	.001532	.0017809

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: ICB051 Acquired: 01/03/2025 13:08:50 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICB051 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000004	-.009380	-.000948	-.001624	-.007239	-.000293
Stddev	.000378	.000532	.000819	.001830	.007378	.000206
%RSD	9111.552	5.673457	86.38896	112.7436	101.9213	70.35167
#1	.000323	-.009789	-.000039	-.003079	-.006387	-.000056
#2	-.000418	-.009572	-.001176	-.002223	-.000324	-.000392
#3	.000083	-.008778	-.001629	.000432	-.015006	-.000431

Elem	Li6707
Units	ppm
Avg	F .0156638
Stddev	.0032264
%RSD	20.59781
#1	.0192310
#2	.0129497
#3	.0148105

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1820.013	18635.04	1813.771	1371.427	2022.737
Stddev	5.651	35.45	6.025	2.752	6.694
%RSD	.3104649	.1902292	.3321910	.2006578	.3309291
#1	1824.133	18606.14	1806.814	1369.703	2029.871
#2	1822.334	18674.60	1817.309	1374.601	2021.748
#3	1813.572	18624.40	1817.190	1369.978	2016.593

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: ICSA051 Acquired: 01/03/2025 13:12:57 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICSA051 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0074544	.0031927	-.000350	.0169467	.0233405	244.8810
Stddev	.0028776	.0010692	.002556	.0045644	.0074442	.5007
%RSD	38.60308	33.48892	730.1681	26.93388	31.89368	.2044758
#1	.0082358	.0019621	.002397	.0220975	.0313350	244.6140
#2	.0098607	.0038943	-.002658	.0153383	.0166080	245.4586
#3	.0042668	.0037217	-.000789	.0134042	.0220785	244.5703

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0041890	.0019645	.0021107	252.3211	.0534663	.0363422
Stddev	.0029083	.0000934	.0001189	.7491	.0002414	.0004795
%RSD	69.42647	4.751618	5.631994	.2968848	.4514145	1.319545
#1	.0008918	.0018814	.0022029	252.8266	.0532529	.0365528
#2	.0063891	.0019468	.0021527	252.6763	.0534179	.0366804
#3	.0052860	.0020655	.0019766	251.4605	.0537282	.0357934

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000283	102.0354	.0044010	264.1299	.0018849	-.006753
Stddev	.005782	.5953	.0018022	1.4337	.0010950	.000927
%RSD	2040.190	.5834603	40.94927	.5428190	58.09576	13.72872
#1	.005084	101.5976	.0062082	263.6457	.0027456	-.007350
#2	.000473	102.7133	.0043909	265.7431	.0006524	-.005685
#3	-.006407	101.7954	.0026039	263.0009	.0022566	-.007224

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2071856	.0017684	-.032666	.0861641	.0071669	F -.219530
Stddev	.0209173	.0085567	.000985	.0735077	.0062138	.001848
%RSD	10.09591	483.8631	3.015075	85.31120	86.70161	.8418727
#1	.2007468	-.004086	-.032418	.0309454	.0042483	-.220731
#2	.2305653	.011588	-.033752	.0579475	.0029497	-.220458
#3	.1902446	-.002197	-.031830	.1695996	.0143027	-.217402

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: ICSA051 Acquired: 01/03/2025 13:12:57 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICSA051 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0081297	.0138816	-.001839	F .0111155	-.004819	.0064564
Stddev	.0005213	.0104981	.001419	.0039043	.004548	.0007771
%RSD	6.412075	75.62620	77.17797	35.12515	94.37831	12.03555
#1	.0076981	.0094780	-.001027	.0095089	-.002040	.0073255
#2	.0087089	.0063024	-.001013	.0155668	-.010067	.0058286
#3	.0079820	.0258644	-.003478	.0082708	-.002349	.0062152

Elem	Li6707
Units	ppm
Avg	-.001568
Stddev	.001975
%RSD	125.9578
#1	-.003410
#2	-.001812
#3	.000518

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1692.588	17180.64	1728.607	1266.222	1760.400
Stddev	.918	67.10	13.037	8.884	1.596
%RSD	.0542317	.3905779	.7541819	.7015793	.0906691
#1	1693.348	17103.58	1714.526	1259.510	1760.454
#2	1692.848	17226.22	1731.039	1262.861	1761.968
#3	1691.568	17212.11	1740.257	1276.296	1758.777

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: ICSAB051 Acquired: 01/03/2025 13:30:14 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICSAB051 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1105540	.1052969	.0544834	.0735933	.5945946	230.8458
Stddev	.0080456	.0065868	.0033071	.0050908	.0044290	.9807
%RSD	7.277566	6.255427	6.069845	6.917484	.7448683	.4248267
#1	.1162164	.1127920	.0528712	.0783855	.5996829	231.6659
#2	.1013443	.1004300	.0522917	.0682490	.5916061	231.1121
#3	.1141014	.1026687	.0582874	.0741455	.5924947	229.7595

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5441400	.5552487	1.055092	239.6750	.6124890	.5427696
Stddev	.0018021	.0023227	.001014	.2022	.0026829	.0003458
%RSD	.3311800	.4183199	.0961180	.0843463	.4380385	.0637054
#1	.5445500	.5579299	1.055829	239.8271	.6129932	.5431115
#2	.5457018	.5538496	1.053936	239.7523	.6148840	.5424201
#3	.5421683	.5539665	1.055512	239.4456	.6095897	.5427771

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4890100	96.76802	.5454623	249.7248	1.038176	.2026830
Stddev	.0128040	.37460	.0018664	1.2368	.001052	.0007037
%RSD	2.618346	.3871141	.3421752	.4952697	.1013504	.3471667
#1	.4819625	97.03379	.5475985	250.7535	1.037403	.2018753
#2	.5037895	96.93069	.5446414	250.0684	1.039374	.2030101
#3	.4812781	96.33958	.5441470	248.3525	1.037750	.2031635

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2104516	.5378842	.9708969	-.223013	.0043904	F -.219165
Stddev	.0208074	.0171337	.0045171	.120993	.0020025	.005399
%RSD	9.887017	3.185393	.4652503	54.25390	45.61145	2.463546
#1	.2333080	.5576102	.9756062	-.114204	.0020830	-.220218
#2	.2054371	.5267063	.9666004	-.201524	.0054133	-.223960
#3	.1926097	.5293361	.9704840	-.353311	.0056749	-.213317

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: ICSAB051 Acquired: 01/03/2025 13:30:14 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICSAB051 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0086263	.0182254	.0009593	F .0123274	-.008717	.0065345
Stddev	.0004469	.0042271	.0020325	.0025319	.003474	.0006708
%RSD	5.180852	23.19328	211.8658	20.53885	39.85083	10.26592
#1	.0087816	.0223269	-.000795	.0150875	-.006967	.0072819
#2	.0089748	.0138830	.000487	.0101125	-.006466	.0059844
#3	.0081224	.0184663	.003186	.0117823	-.012717	.0063373

Elem	Li6707
Units	ppm
Avg	-.005403
Stddev	.002291
%RSD	42.40050
#1	-.007739
#2	-.005307
#3	-.003161

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1709.771	17271.25	1745.795	1280.182	1779.074
Stddev	1.419	10.56	7.348	2.108	4.179
%RSD	.0830215	.0611155	.4208926	.1646849	.2348716
#1	1708.202	17269.46	1737.318	1277.764	1775.207
#2	1710.143	17261.71	1749.733	1281.637	1783.507
#3	1710.967	17282.59	1750.335	1281.144	1778.507

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: CCV100 Acquired: 01/03/2025 13:34:07 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV100 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.986542	4.888869	24.96035	4.959169	4.936823	409.8822	10.29827
Stddev	.021184	.014230	.03067	.009875	.008344	2.0706	.02405
%RSD	.4248263	.2910782	.1228653	.1991356	.1690088	.5051680	.2335037
#1	5.010969	4.904279	24.99569	4.969753	4.940028	412.2683	10.32410
#2	4.973209	4.876223	24.94460	4.950201	4.943089	408.5579	10.29418
#3	4.975449	4.886106	24.94076	4.957552	4.927352	408.8204	10.27653

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5159455	2.506042	414.1373	15.76837	2.524426	15.47551	413.9884
Stddev	.0018574	.004692	1.1884	.00939	.004612	.07478	1.5830
%RSD	.3599902	.1872386	.2869548	.0595784	.1826846	.4832305	.3823762
#1	.5166609	2.511041	415.4750	15.75756	2.528553	15.55762	415.8040
#2	.5173387	2.501733	413.7337	15.77307	2.519448	15.45759	413.2635
#3	.5138368	2.505353	413.2034	15.77449	2.525278	15.41131	412.8977

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.39325	412.7765	2.526445	1.272928	415.9639	2.588262	15.03302
Stddev	.08296	.7637	.002099	.004559	.6968	.010486	.07294
%RSD	.5389299	.1850042	.0830893	.3581761	.1675212	.4051173	.4851728
#1	15.48847	413.5144	2.528868	1.272814	416.6049	2.576922	14.95422
#2	15.35473	411.9895	2.525184	1.277543	416.0648	2.590257	15.04667
#3	15.33656	412.8257	2.525282	1.268426	415.2222	2.597606	15.09816

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	157.3900	4.973658	4.525969	4.904945	5.015445	5.096419	5.047130
Stddev	.5998	.013484	.008418	.003580	.011632	.012706	.005707
%RSD	.3810702	.2710985	.1859825	.0729829	.2319246	.2493104	.1130646
#1	157.9709	4.978503	4.534763	4.907976	5.025276	5.089665	5.053592
#2	157.4261	4.984049	4.525156	4.905863	5.002604	5.111075	5.042784
#3	156.7730	4.958421	4.517987	4.900996	5.018455	5.088516	5.045013

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: CCV100 Acquired: 01/03/2025 13:34:07 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV100 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	5.155402	4.904750	5.130397
Stddev	.033260	.024801	.005420
%RSD	.6451533	.5056618	.1056432
#1	5.191528	4.932799	5.136491
#2	5.148626	4.895734	5.126117
#3	5.126051	4.885718	5.128584

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1513.393	16280.49	1677.318	1115.052	1626.775
Stddev	2.244	51.21	7.334	.185	3.115
%RSD	.1482801	.3145708	.4372331	.0165880	.1914730
#1	1514.556	16224.38	1670.440	1115.177	1627.064
#2	1514.817	16292.37	1676.479	1115.139	1629.735
#3	1510.807	16324.72	1685.036	1114.839	1623.525

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: CCB100 Acquired: 01/03/2025 13:37:58 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB100 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001673	-.000109	-.001720	-.001678	.0011823	.0043281	-.005963
Stddev	.001996	.002282	.001178	.005821	.0020692	.0369288	.002205
%RSD	119.2523	2100.830	68.48507	346.8483	175.0116	853.2392	36.97314
#1	.000375	.002349	-.003023	-.005494	.0019486	.0468252	-.007397
#2	-.001783	-.002162	-.000731	-.004561	-.001161	-.013883	-.003424
#3	-.003612	-.000513	-.001405	.005021	.002759	-.019958	-.007068

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000062	-.000056	-.054609	.0005948	-.000125	-.005152	-.011386
Stddev	.000108	.000080	.062180	.0003527	.000141	.002911	.044593
%RSD	174.0617	142.9535	113.8630	59.30461	113.4247	56.49256	391.6566
#1	.000048	-.000045	-.105681	.0009925	-.000184	-.007033	.017063
#2	-.000066	-.000142	.014631	.0004720	.000037	-.001800	.011559
#3	-.000168	.000018	-.072779	.0003199	-.000227	-.006624	-.062780

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000100	-.066178	-.001313	.0004146	.0296641	.0041681	-.001602
Stddev	.001889	.089846	.000687	.0006153	.0316405	.0169984	.000202
%RSD	1898.503	135.7641	52.31042	148.3967	106.6627	407.8167	12.62427
#1	.000635	.023991	-.000704	.0005626	.0602277	-.014529	-.001382
#2	.001312	-.155698	-.001177	.0009425	.0317180	.008343	-.001645
#3	-.002246	-.066828	-.002058	-.000261	-.002953	.018690	-.001779

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1852553	-.001183	.0113102	.0001302	-.009330	.0001185	-.000501
Stddev	.2963684	.002583	.0028380	.0005292	.002434	.0010695	.000370
%RSD	159.9784	218.4345	25.09257	406.3843	26.08802	902.4208	73.81336
#1	.2568894	-.003763	.0124735	.0001383	-.009235	.0009452	-.000928
#2	.4392409	.001404	.0133817	.0006553	-.006945	-.001089	-.000269
#3	-.140365	-.001190	.0080754	-.000403	-.011810	.000500	-.000307

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: CCB100 Acquired: 01/03/2025 13:37:58 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB100 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	-.002872	-.000215	.0009120
Stddev	.000308	.000142	.0009635
%RSD	10.73001	66.00238	105.6438
#1	-.002846	-.000163	-.000184
#2	-.003193	-.000106	.001625
#3	-.002578	-.000375	.001295

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1832.373	18733.64	1824.587	1384.055	2038.329
Stddev	2.951	99.02	10.851	5.080	1.184
%RSD	.1610259	.5285894	.5947188	.3670705	.0581008
#1	1835.752	18620.28	1824.262	1378.224	2037.168
#2	1830.303	18803.24	1813.902	1386.420	2039.535
#3	1831.066	18777.42	1835.597	1387.523	2038.286

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: PB165852BL Acquired: 01/03/2025 13:42:05 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: PBS852 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0037663	.0006222	-.001517	.0047876	.0011304	.0006822	-.001840
Stddev	.0036811	.0006579	.000459	.0035549	.0030864	.0365169	.001057
%RSD	97.73913	105.7340	30.24262	74.25247	273.0374	5352.980	57.47859
#1	.0073179	.0013428	-.001089	.0048024	.0028365	.0201295	-.000661
#2	-.000032	.0004705	-.002001	.0012253	-.002432	-.041443	-.002152
#3	.004013	.0000534	-.001461	.0083350	.002987	.023360	-.002706

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001204	.0000162	-.066570	-.000764	-.000122	.0001484	.0172846
Stddev	.0001137	.0000757	.045542	.000467	.000559	.0008256	.0108082
%RSD	94.43201	466.3137	68.41177	61.13512	460.0232	556.5042	62.53072
#1	.0002015	-.000010	-.050597	-.000955	.000198	.0009089	.0093394
#2	.0001692	-.000043	-.031167	-.001105	.000205	-.000730	.0129223
#3	-.000010	.000101	-.117946	-.000232	-.000767	.000266	.0295922

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000866	-.040454	-.000709	.0000172	-.006236	.0030196	-.000342
Stddev	.0020389	.110406	.000828	.0011003	.013062	.0095672	.000098
%RSD	2353.598	272.9208	116.7753	6395.401	209.4542	316.8316	28.65628
#1	.0011814	.016969	-.000590	-.000932	-.009859	-.000010	-.000367
#2	.0013443	.029408	-.001589	-.000239	.008255	-.004666	-.000425
#3	-.002266	-.167737	.000053	.001223	-.017103	.013735	-.000234

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0937974	.0041862	.0011967	-.000397	-.014803	-.002279	-.001164
Stddev	.2338474	.0030986	.0033432	.000526	.003329	.000222	.000959
%RSD	249.3112	74.01978	279.3636	132.4196	22.49207	9.733178	82.41282
#1	.1938777	.0007447	.0022868	-.000508	-.018530	-.002094	-.001672
#2	.2609497	.0050593	-.002555	.000175	-.012123	-.002218	-.001761
#3	-.173435	.0067545	.003859	-.000858	-.013755	-.002525	-.000057

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: PB165852BL Acquired: 01/03/2025 13:42:05 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: PBS852 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	-.008980	-.000218	-.004448
Stddev	.003964	.000238	.003409
%RSD	44.14217	109.2675	76.64680
#1	-.012598	-.000355	-.008035
#2	-.009599	-.000356	-.001250
#3	-.004743	.000057	-.004058

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1829.139	18690.37	1820.079	1372.637	2033.793
Stddev	.681	20.81	4.763	2.285	3.489
%RSD	.0372424	.1113499	.2616869	.1664422	.1715561
#1	1828.526	18675.20	1814.928	1371.277	2031.371
#2	1829.873	18681.82	1824.323	1375.275	2037.792
#3	1829.020	18714.09	1820.988	1371.360	2032.216

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: PB165852BS Acquired: 01/03/2025 13:46:11 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCS852 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0250250	.0518862	.0157661	.0594546	.1105526	.3988026
Stddev	.0041921	.0020297	.0015937	.0045048	.0013525	.0600675
%RSD	16.75158	3.911763	10.10853	7.576796	1.223423	15.06195
#1	.0225822	.0532774	.0175515	.0645941	.1114249	.3379441
#2	.0298656	.0495572	.0152597	.0575792	.1089945	.4004174
#3	.0226274	.0528241	.0144871	.0561906	.1112383	.4580464

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4003362	.0105701	.0097297	9.988173	.0204020	.1001975
Stddev	.0021663	.0000230	.0000123	.084163	.0003443	.0002855
%RSD	.5411200	.2173352	.1268051	.8426285	1.687662	.2849299
#1	.4028335	.0105966	.0097304	9.894825	.0204993	.0999532
#2	.3992113	.0105553	.0097171	10.01144	.0200195	.1001279
#3	.3989637	.0105585	.0097417	10.05826	.0206872	.1005113

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0502458	.2231042	.0313630	10.36965	.0773147	.0197099
Stddev	.0091431	.0269094	.0012290	.07067	.0007438	.0001884
%RSD	18.19669	12.06136	3.918549	.6815015	.9620995	.9557383
#1	.0566011	.1982645	.0299499	10.29705	.0767018	.0198989
#2	.0543690	.2516906	.0321826	10.43822	.0771001	.0197085
#3	.0397672	.2193575	.0319564	10.37368	.0781423	.0195222

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.503226	.0940941	.1157011	9.373038	.0184724	F -.001123
Stddev	.037973	.0119299	.0006724	.112839	.0041228	.001484
%RSD	.5060839	12.67871	.5811491	1.203873	22.31891	132.1102
#1	7.547072	.1048238	.1162108	9.487120	.0171592	-.002757
#2	7.481442	.0962111	.1149390	9.261484	.0151661	-.000752
#3	7.481163	.0812474	.1159535	9.370511	.0230918	.000140

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: PB165852BS Acquired: 01/03/2025 13:46:11 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCS852 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0197065	.1681094	F .4872956	.0121342	.1981951	.2098052
Stddev	.0007934	.0039046	.0012669	.0005946	.0041570	.0004595
%RSD	4.026101	2.322655	.2599880	4.899934	2.097422	.2189954
#1	.0202328	.1721535	.4871023	.0127934	.2019885	.2094059
#2	.0187940	.1678133	.4861365	.0119711	.1937512	.2097023
#3	.0200929	.1643612	.4886481	.0116383	.1988456	.2103074

Elem	Li6707
Units	ppm
Avg	.0252894
Stddev	.0040789
%RSD	16.12885
#1	.0298455
#2	.0219776
#3	.0240450

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1818.570	18354.06	1800.244	1357.495	2014.601
Stddev	2.965	5.86	2.906	2.364	3.055
%RSD	.1630611	.0319269	.1614237	.1741272	.1516552
#1	1816.884	18347.50	1801.732	1357.068	2011.727
#2	1821.994	18355.87	1796.895	1355.374	2017.810
#3	1816.831	18358.79	1802.104	1360.043	2014.266

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: PB165860BL Acquired: 01/03/2025 13:50:12 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: PBS860 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0019130	-.001470	-.004329	.0003007	.0014815	.0138906	.0008215
Stddev	.0023410	.004553	.001458	.0061589	.0032747	.0134101	.0036393
%RSD	122.3757	309.7723	33.68230	2048.229	221.0437	96.54137	443.0249
#1	.0004311	.002598	-.003251	-.005587	.0015450	.0293753	.0048148
#2	.0006960	-.006389	-.005989	.006699	.0047240	.0061656	-.002309
#3	.0046119	-.000619	-.003749	-.000210	-.001825	.0061308	-.000042

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000119	.0000148	-.062357	-.000153	-.000137	.0026251	.0327388
Stddev	.000117	.0001146	.006475	.000324	.000323	.0094465	.0176262
%RSD	97.74664	772.5520	10.38335	211.3306	235.9532	359.8527	53.83888
#1	-.000161	-.000110	-.066170	.000105	-.000482	-.003388	.0288588
#2	.000012	.000040	-.054881	-.000517	.000158	-.002250	.0519818
#3	-.000210	.000115	-.066020	-.000049	-.000087	.013513	.0173759

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002707	-.150011	.0001080	.0014815	-.005553	-.002012	-.000217
Stddev	.0008248	.151300	.0000723	.0010095	.028111	.016189	.000533
%RSD	304.6645	100.8591	66.95756	68.14452	506.2711	804.7698	245.5462
#1	.0008751	-.324285	.0001913	.0006726	-.037957	-.020138	-.000089
#2	-.000669	-.052233	.0000714	.0011589	.012287	.011006	-.000803
#3	.000606	-.073516	.0000613	.0026128	.009012	.003097	.000240

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0821578	-.002990	-.002805	-.000524	-.007115	-.000941	-.000561
Stddev	.1998575	.002523	.001905	.000966	.000988	.000699	.001343
%RSD	243.2604	84.39956	67.91559	184.3627	13.88060	74.22252	239.5626
#1	.2209570	-.000088	-.003589	.000349	-.007786	-.001385	-.000499
#2	-.146911	-.004670	-.004193	-.001562	-.007578	-.000136	-.001934
#3	.172427	-.004211	-.000633	-.000359	-.005981	-.001303	.000751

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: PB165860BL Acquired: 01/03/2025 13:50:12 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: PBS860 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	-.003543	-.000290	-.007045
Stddev	.003927	.000146	.002857
%RSD	110.8506	50.46603	40.55214
#1	-.008018	-.000132	-.004593
#2	-.001941	-.000318	-.006360
#3	-.000670	-.000421	-.010182

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1822.483	18456.07	1818.392	1370.460	2018.780
Stddev	4.598	24.38	7.214	8.296	2.542
%RSD	.2522965	.1321130	.3967109	.6053716	.1259367
#1	1826.273	18429.68	1817.951	1360.881	2019.225
#2	1817.368	18477.76	1811.409	1375.349	2016.044
#3	1823.807	18460.78	1825.816	1375.150	2021.070

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: PB165861BL Acquired: 01/03/2025 13:58:21 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: PBS861 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0018887	.0006285	-.001874	.0024279	.0008751	.0094990	-.000254
Stddev	.0022029	.0018584	.001880	.0037931	.0035719	.0318746	.005352
%RSD	116.6329	295.6639	100.2851	156.2292	408.1533	335.5583	2104.490
#1	.0027767	.0025859	-.001550	-.001620	.0023139	.0348138	.005917
#2	.0035091	-.001112	-.003895	.005901	-.003192	-.026296	-.003625
#3	-.000620	.000412	-.000178	.003003	.003503	.019979	-.003055

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000334	-.000044	-.031025	-.000153	-.000385	-.012164	-.010027
Stddev	.0000204	.000074	.031703	.000477	.000403	.008894	.035932
%RSD	61.03721	167.1007	102.1860	312.1413	104.6443	73.12060	358.3327
#1	.0000533	-.000001	-.039845	-.000704	.000046	-.013301	-.038345
#2	.0000344	-.000002	.004154	.000117	-.000449	-.020435	-.022130
#3	.0000126	-.000130	-.057384	.000129	-.000752	-.002756	.030393

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006743	-.121367	.0000944	.0011024	-.001239	.0044215	-.000371
Stddev	.0008268	.132425	.0003490	.0011685	.006994	.0040341	.000115
%RSD	122.6211	109.1112	369.8074	106.0005	564.3448	91.23721	31.06509
#1	-.000130	-.045836	.0002309	.0003400	.005421	.0077193	-.000495
#2	.001522	-.274274	-.000302	.0024477	-.000614	-.000076	-.000267
#3	.000631	-.043990	.000355	.0005194	-.008525	.005622	-.000352

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.163308	-.002702	-.002315	-.000444	-.010022	-.000348	-.000382
Stddev	.287078	.001975	.001276	.000543	.002846	.001686	.001533
%RSD	175.7894	73.07371	55.09868	122.3213	28.39921	484.1239	401.8829
#1	-.026963	-.000756	-.002795	-.000566	-.009709	-.000188	.001334
#2	-.493151	-.002648	-.000869	.000150	-.013012	.001252	-.000858
#3	.030190	-.004704	-.003281	-.000917	-.007345	-.002108	-.001620

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: PB165861BL Acquired: 01/03/2025 13:58:21 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: PBS861 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	-.005132	-.000347	-.008406
Stddev	.010249	.000529	.001737
%RSD	199.7020	152.4971	20.66167
#1	-.012895	.000197	-.006918
#2	.006486	-.000378	-.010314
#3	-.008988	-.000859	-.007986

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1828.715	18458.90	1819.945	1371.574	2025.503
Stddev	2.200	28.51	5.342	9.817	1.686
%RSD	.1202984	.1544278	.2935020	.7157297	.0832574
#1	1827.343	18468.38	1818.322	1381.209	2026.567
#2	1827.550	18426.87	1825.910	1361.585	2023.559
#3	1831.252	18481.46	1815.603	1371.927	2026.384

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: PB165860BS Acquired: 01/03/2025 14:02:27 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCS860 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0193195	.0492350	.0163697	.0612387	.1049310	.3831966
Stddev	.0023566	.0032124	.0037183	.0014774	.0023419	.0383136
%RSD	12.19812	6.524680	22.71474	2.412576	2.231805	9.998427
#1	.0171396	.0470602	.0142344	.0623174	.1030004	.3557476
#2	.0218200	.0529248	.0206633	.0618440	.1075361	.4269685
#3	.0189989	.0477201	.0142115	.0595547	.1042565	.3668736

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3896520	.0101830	.0094183	9.846625	.0202288	.0969317
Stddev	.0031118	.0001771	.0001501	.056521	.0009897	.0003192
%RSD	.7986004	1.739516	1.593584	.5740187	4.892683	.3293569
#1	.3915122	.0100284	.0094295	9.904793	.0213623	.0970440
#2	.3860596	.0101443	.0092630	9.843176	.0197879	.0965714
#3	.3913841	.0103763	.0095625	9.791908	.0195361	.0971796

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0457529	.1855780	.0324484	10.09392	.0753242	.0203176
Stddev	.0040047	.0222975	.0019845	.08930	.0008301	.0006710
%RSD	8.752791	12.01516	6.115858	.8847360	1.102044	3.302533
#1	.0475997	.2101065	.0347178	10.17789	.0761153	.0208380
#2	.0485008	.1800917	.0310390	10.10376	.0753972	.0205544
#3	.0411581	.1665358	.0315883	10.00010	.0744599	.0195603

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.325321	.1041099	.1155368	8.960629	.0176373	F -.004256
Stddev	.016844	.0106574	.0009398	.122477	.0016351	.000549
%RSD	.2299479	10.23668	.8133831	1.366835	9.270521	12.89914
#1	7.336719	.1164029	.1149333	9.095491	.0161202	-.003997
#2	7.305973	.0984546	.1166195	8.930072	.0174226	-.004887
#3	7.333271	.0974721	.1150575	8.856323	.0193692	-.003885

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: PB165860BS Acquired: 01/03/2025 14:02:27 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCS860 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0195393	.1644094	F .4794011	.0114457	.1922740	.2063134
Stddev	.0006922	.0022170	.0006802	.0021509	.0044392	.0007081
%RSD	3.542550	1.348467	.1418929	18.79216	2.308762	.3432220
#1	.0195946	.1631838	.4795976	.0134419	.1947723	.2071163
#2	.0188211	.1630758	.4799615	.0117272	.1871486	.2060457
#3	.0202022	.1669687	.4786443	.0091679	.1949010	.2057781

Elem	Li6707
Units	ppm
Avg	.0220965
Stddev	.0035708
%RSD	16.15987
#1	.0230173
#2	.0181555
#3	.0251166

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1804.212	18250.19	1797.329	1348.219	1999.843
Stddev	4.713	120.46	10.041	7.670	7.620
%RSD	.2612361	.6600644	.5586411	.5688699	.3810326
#1	1806.012	18126.55	1787.732	1351.024	2001.666
#2	1807.759	18256.83	1796.494	1339.542	2006.387
#3	1798.863	18367.20	1807.761	1354.092	1991.478

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: PB165861BS Acquired: 01/03/2025 14:06:29 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCS861 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0226678	.0557892	.0204420	.0657766	.1094461	.4390022
Stddev	.0035805	.0005129	.0031689	.0047820	.0007720	.0109290
%RSD	15.79538	.9193454	15.50218	7.270085	.7053771	2.489513
#1	.0262553	.0551979	.0239848	.0652854	.1091194	.4385687
#2	.0190944	.0560558	.0178779	.0707852	.1103277	.4282964
#3	.0226536	.0561138	.0194631	.0612591	.1088911	.4501415

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4046647	.0106969	.0097361	10.14209	.0213897	.1011931
Stddev	.0028052	.0001779	.0001086	.07096	.0004931	.0002976
%RSD	.6932181	1.662923	1.115515	.6996672	2.305214	.2941278
#1	.4040035	.0105585	.0096523	10.21821	.0219070	.1008543
#2	.4077414	.0106346	.0096971	10.07777	.0209251	.1014124
#3	.4022491	.0108975	.0098588	10.13028	.0213370	.1013125

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0405516	.1967667	.0341002	10.56893	.0779584	.0210054
Stddev	.0064968	.0366466	.0002488	.07639	.0007910	.0018468
%RSD	16.02117	18.62437	.7297141	.7227509	1.014613	8.791935
#1	.0450679	.2083815	.0339993	10.65327	.0788063	.0210614
#2	.0434811	.1557203	.0343836	10.50439	.0778282	.0191312
#3	.0331059	.2261985	.0339176	10.54914	.0772405	.0228235

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.638022	.1106441	.1184398	9.524075	.0186710	F -.003657
Stddev	.038568	.0016318	.0009836	.293454	.0002739	.001839
%RSD	.5049415	1.474794	.8304436	3.081178	1.466983	50.28037
#1	7.671241	.1103298	.1176914	9.534691	.0185640	-.003237
#2	7.595726	.1091923	.1180742	9.225458	.0184667	-.002065
#3	7.647100	.1124101	.1195538	9.812077	.0189822	-.005670

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: PB165861BS Acquired: 01/03/2025 14:06:29 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCS861 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0195475	.1737788	F .4947446	.0110611	.1919551	.2116770
Stddev	.0005113	.0045943	.0007708	.0025396	.0035219	.0011396
%RSD	2.615757	2.643780	.1558023	22.95972	1.834778	.5383734
#1	.0190536	.1764440	.4947768	.0093825	.1930352	.2128773
#2	.0200746	.1684738	.4954988	.0098181	.1948105	.2106097
#3	.0195142	.1764186	.4939582	.0139828	.1880195	.2115439

Elem	Li6707
Units	ppm
Avg	.0247382
Stddev	.0004272
%RSD	1.727061
#1	.0248481
#2	.0242668
#3	.0250998

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1802.775	18396.19	1796.447	1352.570	1995.434
Stddev	1.194	93.09	10.733	2.710	4.093
%RSD	.0662077	.5060309	.5974361	.2003299	.2051050
#1	1803.926	18291.88	1787.655	1350.344	1998.164
#2	1802.856	18470.82	1808.407	1355.587	1997.409
#3	1801.543	18425.86	1793.279	1351.778	1990.728

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: PB165841BL Acquired: 01/03/2025 14:10:30 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: PBS841 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0009420	-.003166	-.002514	.0039044	-.000284	-.018817	-.000109
Stddev	.0025760	.001169	.000811	.0037483	.002082	.021439	.001697
%RSD	273.4756	36.92740	32.26335	96.00347	732.9619	113.9341	1550.724
#1	.0023287	-.004112	-.002638	.0012322	.001098	-.008540	-.000122
#2	.0025276	-.003526	-.001647	.0081891	.000729	-.043460	.001594
#3	-.002030	-.001859	-.003255	.0022917	-.002678	-.004451	-.001800

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000128	-.000024	-.076450	-.000654	-.000232	-.006281	-.010009
Stddev	.000159	.000133	.062077	.000801	.000251	.014241	.088382
%RSD	124.3000	560.5623	81.19884	122.4119	108.1974	226.7412	883.0185
#1	-.000005	-.000176	-.073387	-.001457	-.000343	.008904	.077600
#2	-.000071	.000064	-.015962	-.000651	.000055	-.008408	-.099143
#3	-.000308	.000041	-.140003	.000145	-.000410	-.019338	-.008484

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000045	-.072943	-.000267	.0014438	-.022292	-.010957	-.001099
Stddev	.000797	.069920	.001102	.0009305	.009881	.010383	.000762
%RSD	1773.878	95.85589	412.9791	64.44920	44.32549	94.76290	69.33919
#1	.000838	.007729	-.000250	.0019732	-.018449	.000779	-.000255
#2	-.000263	-.110471	-.001377	.0019888	-.014910	-.018950	-.001305
#3	-.000711	-.116086	.000826	.0003694	-.033517	-.014701	-.001737

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.064183	.0019580	-.005842	.0000298	-.011951	-.001795	-.000271
Stddev	.115068	.0035120	.000335	.0002220	.001804	.000933	.002339
%RSD	179.2813	179.3672	5.735922	745.1183	15.09213	51.98523	864.5207
#1	.060784	.0002405	-.006028	.0002857	-.013749	-.002853	-.002580
#2	-.087574	-.000365	-.005455	-.000111	-.010142	-.001447	-.000328
#3	-.165758	.005998	-.006043	-.000085	-.011960	-.001087	.002097

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: PB165841BL Acquired: 01/03/2025 14:10:30 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: PBS841 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	-.006481	-.000203	-.011148
Stddev	.006343	.000155	.001552
%RSD	97.87112	76.29544	13.91745
#1	.000559	-.000034	-.012688
#2	-.011750	-.000338	-.011171
#3	-.008251	-.000237	-.009585

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1831.968	18676.83	1834.648	1377.412	2033.572
Stddev	2.218	120.81	3.725	2.832	.650
%RSD	.1210937	.6468276	.2030245	.2055699	.0319621
#1	1832.116	18637.74	1830.434	1380.286	2033.064
#2	1829.679	18580.40	1837.502	1377.324	2033.347
#3	1834.109	18812.34	1836.008	1374.625	2034.304

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: PB165841BS Acquired: 01/03/2025 14:14:39 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCS841 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0257030	.0503791	.0166280	.0629391	.1060288	.3810145
Stddev	.0055634	.0027468	.0010854	.0034320	.0019410	.0078906
%RSD	21.64483	5.452310	6.527697	5.452888	1.830618	2.070954
#1	.0207109	.0472302	.0174223	.0668854	.1059815	.3884871
#2	.0317005	.0516238	.0153913	.0612797	.1041119	.3817930
#3	.0246976	.0522832	.0170706	.0606522	.1079930	.3727635

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3951200	.0105827	.0095444	9.994091	.0217659	.0988883
Stddev	.0054338	.0000642	.0001189	.096795	.0008259	.0005208
%RSD	1.375234	.6066715	1.245268	.9685203	3.794690	.5266853
#1	.3898497	.0105593	.0096165	9.890140	.0226097	.0987770
#2	.3948064	.0106554	.0094072	10.01050	.0209591	.0994558
#3	.4007038	.0105335	.0096094	10.08163	.0217289	.0984322

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0466072	.2314789	.0322006	10.28877	.0763590	.0197018
Stddev	.0078511	.0405175	.0012569	.21818	.0008039	.0004221
%RSD	16.84533	17.50373	3.903205	2.120596	1.052774	2.142564
#1	.0478604	.1891218	.0312809	10.15728	.0754612	.0201268
#2	.0537563	.2698642	.0336328	10.16842	.0766036	.0192826
#3	.0382048	.2354507	.0316883	10.54063	.0770121	.0196962

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.384619	.0961964	.1177585	9.170215	.0198747	F -.005657
Stddev	.072050	.0169411	.0002404	.151127	.0014557	.002239
%RSD	.9756736	17.61097	.2041900	1.648020	7.324323	39.58369
#1	7.327238	.1094540	.1175052	9.003079	.0185915	-.007020
#2	7.361138	.0771105	.1177868	9.297241	.0195760	-.006879
#3	7.465479	.1020246	.1179836	9.210324	.0214566	-.003073

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: PB165841BS Acquired: 01/03/2025 14:14:39 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCS841 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0195934	.1656915	F .4844070	.0121014	.1868319	.2084243
Stddev	.0005267	.0030423	.0074235	.0014583	.0047910	.0014979
%RSD	2.688356	1.836149	1.532489	12.05090	2.564320	.7186934
#1	.0201545	.1623596	.4767892	.0128848	.1821611	.2068749
#2	.0191096	.1683216	.4848123	.0104188	.1917346	.2085332
#3	.0195159	.1663933	.4916195	.0130006	.1865999	.2098648

Elem	Li6707
Units	ppm
Avg	F .0187955
Stddev	.0011380
%RSD	6.054491
#1	.0174877
#2	.0195595
#3	.0193394

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1806.264	18294.36	1800.769	1348.480	1999.828
Stddev	4.666	95.66	17.378	5.312	3.442
%RSD	.2583084	.5229196	.9650447	.3939074	.1721128
#1	1803.256	18208.97	1817.345	1344.131	1996.362
#2	1811.638	18397.75	1802.276	1354.400	2003.246
#3	1803.896	18276.37	1782.687	1346.909	1999.876

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: PB165850BL Acquired: 01/03/2025 14:18:42 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: PBS850 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002931	.0013812	-.003206	.0004199	.0032774	.0255520	.0008865
Stddev	.003707	.0022992	.002261	.0023064	.0022213	.0168888	.0002919
%RSD	126.4503	166.4652	70.52465	549.3198	67.77705	66.09581	32.93188
#1	-.003129	.0018747	-.005142	-.001875	.0046673	.0294565	.0009640
#2	.000870	-.001125	-.003757	.002738	.0044494	.0070529	.0005636
#3	-.006535	.003394	-.000721	.000396	.0007155	.0401467	.0011319

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000009	.0000295	-.046361	-.001235	-.000146	-.007655	-.012908
Stddev	.000031	.0001593	.045782	.000775	.000142	.005902	.046579
%RSD	340.2136	540.4489	98.75262	62.77975	96.97526	77.10318	360.8521
#1	.000018	.0001172	-.008699	-.001648	-.000006	-.010889	.039531
#2	-.000043	.0001257	-.097320	-.000340	-.000290	-.011234	-.028770
#3	-.000003	-.000154	-.033063	-.001716	-.000142	-.000843	-.049485

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001075	-.093822	-.000742	-.000417	-.018279	-.004754	.0007482
Stddev	.0033614	.078495	.000198	.000324	.022364	.007663	.0008345
%RSD	3126.591	83.66429	26.68450	77.72925	122.3464	161.1980	111.5412
#1	-.003185	-.090188	-.000799	-.000108	-.001505	-.009588	.0013617
#2	.003534	-.174071	-.000522	-.000755	-.043669	-.008756	.0010848
#3	-.000027	-.017207	-.000905	-.000388	-.009662	.004082	-.000202

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.170305	.0004208	-.003500	.0002186	-.007821	-.001024	-.000145
Stddev	.225946	.0018542	.001614	.0007359	.003784	.000322	.000639
%RSD	132.6711	440.6705	46.11025	336.7316	48.37954	31.41202	441.3886
#1	.086071	.0025557	-.001755	.0006771	-.009320	-.001273	-.000240
#2	-.256601	-.000787	-.004939	-.000630	-.003517	-.000661	-.000730
#3	-.340386	-.000506	-.003805	.000609	-.010625	-.001137	.000536

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: PB165850BL Acquired: 01/03/2025 14:18:42 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: PBS850 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	-.008130	-.000131	-.013765
Stddev	.003466	.000247	.005280
%RSD	42.62412	188.5152	38.35791
#1	-.012081	-.000155	-.007691
#2	-.006708	.000127	-.017254
#3	-.005603	-.000365	-.016350

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1818.514	18365.43	1817.613	1367.427	2009.627
Stddev	7.171	103.68	8.818	3.885	4.785
%RSD	.3943202	.5645602	.4851505	.2841304	.2380999
#1	1818.041	18313.82	1807.554	1363.004	2008.401
#2	1825.910	18484.79	1821.269	1370.287	2014.905
#3	1811.592	18297.68	1824.014	1368.991	2005.574

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: PB165840BL Acquired: 01/03/2025 14:26:55 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: PBS840 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0022488	-.001644	-.003250	.0007486	-.002514	-.002230	-.003247
Stddev	.0027611	.001982	.002322	.0022021	.002884	.039876	.003017
%RSD	122.7801	120.5134	71.46157	294.1607	114.6901	1788.423	92.94076
#1	.0002079	-.003514	-.001983	-.001734	-.005342	.030544	-.005803
#2	.0053905	-.001852	-.005930	.001513	-.002623	.009393	-.004019
#3	.0011480	.000433	-.001836	.002467	.000422	-.046626	.000082

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000995	.0000157	-.090654	-.000748	-.000042	-.011982	.0097595
Stddev	.0000797	.0001114	.012306	.000825	.000416	.003270	.0328219
%RSD	80.10609	709.1543	13.57446	110.2296	994.2260	27.29529	336.3070
#1	.0000126	.0001399	-.088275	-.000781	-.000156	-.008217	-.027886
#2	.0001167	-.000076	-.079712	.000093	-.000389	-.013610	.032379
#3	.0001692	-.000017	-.103976	-.001556	.000419	-.014118	.024785

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000759	-.062874	-.000357	-.000520	-.027790	.0049959	-.000640
Stddev	.000701	.084500	.000629	.001433	.011489	.0062379	.000135
%RSD	92.42723	134.3950	176.1608	275.6881	41.34136	124.8598	21.07122
#1	-.000075	-.000976	-.000184	-.001946	-.014526	-.000817	-.000708
#2	-.000724	-.028504	.000168	.000921	-.034204	.011586	-.000727
#3	-.001476	-.159143	-.001054	-.000534	-.034639	.004218	-.000485

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.198172	-.001655	-.005429	-.000244	-.009308	-.001644	-.001228
Stddev	.067257	.000339	.000376	.000297	.000607	.000178	.000613
%RSD	33.93853	20.48789	6.923281	121.6132	6.518904	10.81097	49.92173
#1	-.275275	-.002024	-.005853	.000035	-.009687	-.001446	-.001373
#2	-.167672	-.001359	-.005295	-.000211	-.008608	-.001790	-.001756
#3	-.151569	-.001581	-.005137	-.000556	-.009628	-.001696	-.000556

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: PB165840BL Acquired: 01/03/2025 14:26:55 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: PBS840 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	-.006510	-.000355	-.012594
Stddev	.002724	.000333	.000925
%RSD	41.84871	93.77344	7.345473
#1	-.003384	-.000320	-.012497
#2	-.007770	-.000704	-.013564
#3	-.008377	-.000041	-.011722

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1823.219	18295.00	1833.172	1355.557	2016.632
Stddev	4.717	132.99	5.258	13.072	2.109
%RSD	.2587115	.7269309	.2868364	.9642961	.1046005
#1	1823.990	18283.34	1833.283	1357.570	2018.938
#2	1818.164	18168.22	1838.373	1341.595	2014.799
#3	1827.503	18433.44	1827.859	1367.505	2016.159

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: PB165840BS Acquired: 01/03/2025 14:34:59 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCS840 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0257858	.0497520	.0182802	.0656493	.1101429	.4671989
Stddev	.0042828	.0031900	.0005494	.0035138	.0023347	.0297720
%RSD	16.60912	6.411762	3.005626	5.352321	2.119738	6.372439
#1	.0211247	.0510732	.0178440	.0639210	.1076856	.4345700
#2	.0266851	.0520692	.0188973	.0633343	.1123318	.4741383
#3	.0295475	.0461137	.0180993	.0696924	.1104113	.4928883

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3977809	.0106057	.0096960	10.03148	.0204371	.1003363
Stddev	.0030890	.0001184	.0001057	.05697	.0006005	.0005609
%RSD	.7765563	1.116213	1.089883	.5679182	2.938321	.5589801
#1	.3965908	.0106423	.0096758	10.02403	.0197796	.0998045
#2	.3954639	.0104734	.0096018	9.97859	.0205753	.1002822
#3	.4012879	.0107015	.0098103	10.09180	.0209565	.1009223

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0423210	.2405823	.0335321	10.32644	.0766265	.0186899
Stddev	.0248602	.0274262	.0005871	.21680	.0002992	.0018497
%RSD	58.74195	11.39993	1.750836	2.099419	.3905356	9.896821
#1	.0648142	.2481602	.0332946	10.25819	.0768147	.0179484
#2	.0465200	.2634229	.0331010	10.56915	.0767833	.0173260
#3	.0156287	.2101639	.0342008	10.15199	.0762814	.0207953

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.440452	.0997960	.1166708	9.373095	.0187193	F -.005095
Stddev	.023508	.0072044	.0012981	.139098	.0017496	.000584
%RSD	.3159420	7.219118	1.112600	1.484012	9.346685	11.45782
#1	7.414491	.1072700	.1157368	9.242546	.0172049	-.004568
#2	7.446568	.0928955	.1181530	9.357337	.0206345	-.004994
#3	7.460297	.0992225	.1161224	9.519400	.0183184	-.005723

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: PB165840BS Acquired: 01/03/2025 14:34:59 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCS840 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0190082	.1640598	F .4852931	.0123197	.1906594	.2078182
Stddev	.0002151	.0040079	.0039454	.0010998	.0035822	.0002882
%RSD	1.131723	2.442960	.8129833	8.927044	1.878870	.1386879
#1	.0187831	.1674439	.4846842	.0111406	.1878946	.2079958
#2	.0190297	.1651016	.4816876	.0133177	.1893774	.2079731
#3	.0192118	.1596338	.4895075	.0125009	.1947063	.2074856

Elem	Li6707
Units	ppm
Avg	.0233053
Stddev	.0028773
%RSD	12.34613
#1	.0203672
#2	.0261177
#3	.0234308

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1789.281	18347.29	1801.516	1356.821	1985.423
Stddev	4.879	109.14	1.374	8.710	5.075
%RSD	.2726745	.5948601	.0762469	.6419063	.2556003
#1	1793.624	18334.54	1801.390	1357.792	1991.260
#2	1790.218	18245.08	1802.949	1347.666	1982.958
#3	1784.002	18462.24	1800.210	1365.004	1982.052

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: PB165850BS Acquired: 01/03/2025 14:38:59 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCS850 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0230369	.0490453	.0190364	.0655245	.1103330	.4070655
Stddev	.0049299	.0033962	.0006217	.0033985	.0016067	.0109842
%RSD	21.40015	6.924701	3.265739	5.186630	1.456255	2.698375
#1	.0215472	.0469096	.0197500	.0626764	.1108233	.3961398
#2	.0190236	.0472648	.0187471	.0646105	.1085382	.4069495
#3	.0285399	.0529616	.0186120	.0692865	.1116374	.4181071

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4067333	.0105608	.0097936	10.23850	.0210943	.1015717
Stddev	.0024723	.0000812	.0001053	.04479	.0005728	.0005772
%RSD	.6078476	.7690675	1.075543	.4374934	2.715265	.5682499
#1	.4067454	.0104901	.0096827	10.19230	.0205598	.1012779
#2	.4042550	.0105428	.0098059	10.24144	.0210243	.1012005
#3	.4091995	.0106495	.0098923	10.28174	.0216989	.1022366

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0382080	.2207564	.0329640	10.52516	.0787894	.0216298
Stddev	.0016464	.0023711	.0017417	.06941	.0005347	.0013559
%RSD	4.309120	1.074089	5.283580	.6594640	.6787053	6.268827
#1	.0365087	.2213555	.0322927	10.48471	.0785508	.0210665
#2	.0383195	.2227706	.0349415	10.48546	.0784155	.0231766
#3	.0397959	.2181432	.0316579	10.60530	.0794019	.0206463

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.529171	.0975673	.1176485	9.577862	.0204704	F -.004464
Stddev	.037480	.0092208	.0008658	.155139	.0006610	.002658
%RSD	.4977942	9.450682	.7358964	1.619764	3.229226	59.54725
#1	7.487886	.1065311	.1185892	9.411525	.0197229	-.005456
#2	7.538569	.0881094	.1174712	9.718625	.0207105	-.006483
#3	7.561057	.0980613	.1168851	9.603434	.0209778	-.001452

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: PB165850BS Acquired: 01/03/2025 14:38:59 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCS850 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0202184	.1702961	F .4917840	.0126261	.1909241	.2127274
Stddev	.0011909	.0036957	.0027498	.0023266	.0058113	.0003471
%RSD	5.890200	2.170173	.5591402	18.42716	3.043780	.1631433
#1	.0188892	.1711469	.4891403	.0147967	.1951264	.2123914
#2	.0205778	.1734923	.4915828	.0129119	.1933536	.2127064
#3	.0211882	.1662492	.4946288	.0101698	.1842923	.2130845

Elem	Li6707
Units	ppm
Avg	.0234403
Stddev	.0038070
%RSD	16.24128
#1	.0249655
#2	.0191071
#3	.0262481

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1795.573	18270.71	1796.863	1348.686	1986.540
Stddev	.698	78.82	4.610	9.372	3.525
%RSD	.0388921	.4314005	.2565421	.6949243	.1774511
#1	1795.794	18217.55	1801.919	1345.650	1990.611
#2	1796.134	18233.32	1792.895	1341.209	1984.467
#3	1794.791	18361.27	1795.774	1359.201	1984.544

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: PB165842BL Acquired: 01/03/2025 14:42:56 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: PBS842 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000233	.0018052	-.001554	.0028297	.0011312	.0004910	.0014370
Stddev	.003573	.0031227	.003681	.0035354	.0019287	.0579471	.0033688
%RSD	1533.017	172.9834	236.9634	124.9402	170.4951	11801.58	234.4268
#1	-.000337	.0048366	-.002344	.0002204	-.000858	.0652042	.0051068
#2	.003390	.0019806	-.004775	.0014154	.001259	-.017134	.0007195
#3	-.003753	-.001401	.002459	.0068534	.002993	-.046597	-.001515

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000141	-.000091	-.039974	.0000397	-.000294	-.010453	.0075571
Stddev	.000186	.000090	.042483	.0006122	.000125	.006160	.0229009
%RSD	131.8461	99.73673	106.2769	1542.871	42.72982	58.93712	303.0404
#1	-.000162	.000008	-.058733	-.000374	-.000406	-.015292	.0316859
#2	.000055	-.000110	-.069848	-.000249	-.000317	-.003518	.0048629
#3	-.000315	-.000170	.008660	.000743	-.000158	-.012548	-.013878

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001210	-.101945	-.000474	.0003734	-.021065	-.015183	-.000529
Stddev	.000257	.042165	.000445	.0014877	.015989	.008919	.000377
%RSD	21.21818	41.36051	93.85785	398.4557	75.90537	58.74704	71.39279
#1	-.000978	-.148679	-.000809	.0019878	-.012362	-.004920	-.000952
#2	-.001166	-.090399	.000031	.0000745	-.011315	-.021067	-.000405
#3	-.001486	-.066755	-.000643	-.000942	-.039517	-.019560	-.000228

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.055542	-.000334	-.004825	.0003279	-.010034	-.001045	-.001408
Stddev	.121390	.001993	.001617	.0007850	.003067	.001616	.001310
%RSD	218.5535	596.4740	33.50005	239.4177	30.56952	154.6965	93.05422
#1	-.190518	-.002554	-.005751	.0012104	-.009822	.000585	-.002857
#2	.044682	.000251	-.002959	.0000654	-.013202	-.001072	-.001056
#3	-.020791	.001301	-.005767	-.000292	-.007078	-.002647	-.000310

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: PB165842BL Acquired: 01/03/2025 14:42:56 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: PBS842 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	-.006271	-.000459	-.011129
Stddev	.001151	.000184	.000782
%RSD	18.36065	40.19094	7.027437
#1	-.004976	-.000338	-.010822
#2	-.006656	-.000367	-.012018
#3	-.007180	-.000671	-.010546

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1809.411	18249.29	1796.288	1346.852	2002.960
Stddev	3.255	55.42	2.422	5.935	3.161
%RSD	.1798976	.3036982	.1348187	.4406353	.1578004
#1	1807.196	18308.30	1796.636	1347.746	1999.372
#2	1813.148	18241.26	1793.711	1340.521	2005.333
#3	1807.889	18198.33	1798.517	1352.289	2004.176

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: PB165842BS Acquired: 01/03/2025 14:46:59 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCS842 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0237965	.0506290	.0154471	.0568301	.1098841	.4287086
Stddev	.0027720	.0024994	.0004895	.0039091	.0019794	.0292348
%RSD	11.64895	4.936725	3.169102	6.878509	1.801346	6.819276
#1	.0265614	.0489059	.0155500	.0552974	.1121423	.4569239
#2	.0238108	.0494856	.0149143	.0612733	.1084493	.3985511
#3	.0210174	.0534956	.0158770	.0539197	.1090608	.4306507

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4029420	.0106243	.0097929	10.08074	.0208323	.1005721
Stddev	.0042133	.0000995	.0000313	.02240	.0007882	.0005747
%RSD	1.045622	.9361708	.3198757	.2221711	3.783677	.5713830
#1	.4044926	.0105428	.0098248	10.09104	.0201288	.1012196
#2	.4061603	.0105950	.0097915	10.05505	.0206839	.1001229
#3	.3981732	.0107351	.0097622	10.09613	.0216841	.1003737

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0479720	.2103591	.0320524	10.54682	.0771465	.0206212
Stddev	.0043783	.0405185	.0007777	.07789	.0011704	.0002639
%RSD	9.126719	19.26159	2.426318	.7385542	1.517095	1.279974
#1	.0524842	.2545584	.0317569	10.61911	.0764512	.0205494
#2	.0476905	.2015475	.0314658	10.55701	.0784977	.0209136
#3	.0437413	.1749716	.0329346	10.46433	.0764905	.0204005

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.441684	.1034601	.1185432	9.315784	.0170125	F -.006795
Stddev	.033014	.0089084	.0005661	.062305	.0031549	.002461
%RSD	.4436415	8.610426	.4775360	.6688138	18.54485	36.21215
#1	7.468193	.0936570	.1187561	9.250574	.0173965	-.006642
#2	7.404704	.1110604	.1189720	9.322069	.0136832	-.004415
#3	7.452154	.1056629	.1179015	9.374708	.0199579	-.009329

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: PB165842BS Acquired: 01/03/2025 14:46:59 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCS842 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0200087	.1665303	F .4894943	.0107296	.1919835	.2117934
Stddev	.0006255	.0056927	.0035160	.0022548	.0005407	.0010647
%RSD	3.125877	3.418390	.7182857	21.01439	.2816383	.5027133
#1	.0193383	.1603060	.4874788	.0132908	.1919038	.2121535
#2	.0205766	.1678124	.4874498	.0090439	.1925596	.2126315
#3	.0201111	.1714726	.4935541	.0098541	.1914870	.2105954

Elem	Li6707
Units	ppm
Avg	.0210013
Stddev	.0021105
%RSD	10.04929
#1	.0198429
#2	.0234373
#3	.0197237

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1804.546	18176.38	1804.679	1345.159	1994.786
Stddev	3.796	97.08	4.094	12.115	5.104
%RSD	.2103662	.5341239	.2268715	.9006242	.2558651
#1	1800.240	18176.86	1799.954	1340.712	1988.960
#2	1805.989	18079.06	1807.159	1335.897	1996.929
#3	1807.409	18273.22	1806.926	1358.869	1998.469

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: PB165891BL Acquired: 01/03/2025 14:50:58 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: PBS891 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000536	.0020699	-.003585	-.001165	.0016177	-.018105	-.000602
Stddev	.006137	.0011934	.003978	.004714	.0023052	.011281	.003159
%RSD	1144.716	57.65423	110.9746	404.4869	142.4957	62.30971	525.0550
#1	-.007597	.0028455	-.003051	-.002892	.0040300	-.009855	-.002493
#2	.003513	.0006957	-.007803	.004168	-.000563	-.030960	-.002358
#3	.002475	.0026686	.000100	-.004772	.001386	-.013499	.003046

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000081	.0000062	-.004486	-.000397	-.000336	-.009006	.0136323
Stddev	.0000244	.0001255	.017875	.000524	.000376	.003080	.0699984
%RSD	301.3580	2026.183	398.4657	132.0779	111.8182	34.20124	513.4763
#1	-.000016	.0001067	.016073	.000206	-.000568	-.009037	-.065563
#2	.000033	.0000465	-.013185	-.000653	-.000537	-.012071	.067226
#3	.000008	-.000135	-.016346	-.000743	.000097	-.005911	.039233

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000339	-.135886	-.000920	.0024630	-.023330	-.009394	-.000992
Stddev	.000516	.018083	.000492	.0008764	.013913	.009910	.000597
%RSD	152.1270	13.30763	53.48869	35.58313	59.63544	105.4996	60.21493
#1	-.000788	-.154905	-.000462	.0014512	-.039190	.001202	-.001394
#2	-.000455	-.133841	-.001440	.0029858	-.013183	-.018435	-.000306
#3	.000225	-.118913	-.000859	.0029521	-.017617	-.010949	-.001277

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.032208	-.001909	-.006195	-.000606	-.013058	-.002625	-.001952
Stddev	.024195	.001886	.001688	.000579	.003939	.000406	.000276
%RSD	75.12109	98.78947	27.24267	95.68159	30.16406	15.48350	14.15571
#1	-.030007	-.002177	-.004413	-.000283	-.011409	-.002157	-.001748
#2	-.009188	-.003646	-.007770	-.000259	-.010211	-.002838	-.001843
#3	-.057428	.000097	-.006403	-.001274	-.017553	-.002881	-.002267

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: PB165891BL Acquired: 01/03/2025 14:50:58 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: PBS891 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	-.003580	-.000321	-.009057
Stddev	.001368	.000259	.003292
%RSD	38.19829	80.44694	36.34488
#1	-.002396	-.000054	-.009863
#2	-.003268	-.000570	-.011871
#3	-.005077	-.000341	-.005437

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1827.895	18378.26	1826.004	1360.712	2020.294
Stddev	5.515	102.86	10.238	11.599	6.676
%RSD	.3016951	.5597051	.5606696	.8524407	.3304614
#1	1833.879	18375.03	1821.946	1355.322	2027.926
#2	1823.017	18482.71	1818.416	1374.026	2017.417
#3	1826.790	18277.06	1837.648	1352.788	2015.538

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: PB165891BS Acquired: 01/03/2025 14:55:02 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCS891 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0217968	.0521962	.0171653	.0643853	.1090996	.4810220
Stddev	.0027764	.0045970	.0008753	.0033738	.0029520	.0246470
%RSD	12.73748	8.807072	5.099010	5.240044	2.705802	5.123878
#1	.0194809	.0561482	.0164502	.0608400	.1120732	.4758991
#2	.0210350	.0532891	.0181413	.0647595	.1061697	.4593391
#3	.0248745	.0471513	.0169042	.0675565	.1090559	.5078278

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4056127	.0106127	.0099370	10.19178	.0211504	.1017605
Stddev	.0045236	.0002179	.0001121	.03773	.0010574	.0005007
%RSD	1.115247	2.052783	1.128484	.3702060	4.999666	.4920087
#1	.4082450	.0103837	.0099571	10.16288	.0223499	.1023136
#2	.4082037	.0108174	.0098161	10.23446	.0207485	.1013383
#3	.4003894	.0106370	.0100377	10.17799	.0203528	.1016295

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0539389	.2254370	.0308347	10.46651	.0779761	.0207549
Stddev	.0014390	.0196557	.0006104	.07308	.0007993	.0013296
%RSD	2.667881	8.718953	1.979532	.6982168	1.025008	6.406118
#1	.0553358	.2329582	.0315393	10.43566	.0785592	.0207280
#2	.0540197	.2402215	.0304684	10.54995	.0770650	.0194390
#3	.0524611	.2031312	.0304963	10.41391	.0783041	.0220977

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.466350	.1029067	.1192018	9.318468	.0152462	F -.005852
Stddev	.051965	.0128057	.0002791	.087988	.0029826	.003342
%RSD	.6959914	12.44398	.2341260	.9442346	19.56297	57.10440
#1	7.517606	.1057345	.1188795	9.376249	.0162644	-.003045
#2	7.467740	.1140621	.1193646	9.361951	.0118878	-.009549
#3	7.413704	.0889234	.1193613	9.217204	.0175863	-.004963

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: PB165891BS Acquired: 01/03/2025 14:55:02 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCS891 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0188871	.1728443	F .4923688	.0126740	.1921867	.2146811
Stddev	.0004050	.0029839	.0023088	.0006635	.0014697	.0007784
%RSD	2.144053	1.726358	.4689218	5.235473	.7647479	.3625896
#1	.0188049	.1700066	.4947684	.0132029	.1926205	.2148621
#2	.0185296	.1759556	.4921749	.0119295	.1933907	.2153531
#3	.0193268	.1725707	.4901630	.0128897	.1905489	.2138281

Elem	Li6707
Units	ppm
Avg	.0263361
Stddev	.0040515
%RSD	15.38393
#1	.0296157
#2	.0275855
#3	.0218070

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1798.642	18240.78	1810.889	1352.826	1988.795
Stddev	4.797	80.34	10.682	2.502	5.177
%RSD	.2667122	.4404460	.5898697	.1849746	.2602888
#1	1799.837	18323.35	1802.133	1355.648	1988.561
#2	1802.730	18236.12	1807.744	1351.949	1994.085
#3	1793.361	18162.87	1822.790	1350.880	1983.739

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: PB165566BL Acquired: 01/03/2025 14:58:59 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: PBS566 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0012127	-.001496	-.002769	.0018354	-.000562	-.005904	-.002035
Stddev	.0047711	.000977	.001812	.0095975	.002443	.012026	.004698
%RSD	393.4326	65.32018	65.43905	522.9159	434.7430	203.6904	230.8338
#1	.0064980	-.001769	-.001695	-.009166	-.000657	.007972	.002224
#2	-.002776	-.000411	-.004861	.006175	.001927	-.013298	-.007074
#3	-.000084	-.002308	-.001750	.008497	-.002955	-.012386	-.001256

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000080	.0000251	-.057207	-.000852	-.000307	-.006932	.0144998
Stddev	.000069	.0001197	.042188	.001059	.000374	.005170	.0164156
%RSD	86.14118	476.5296	73.74559	124.3511	121.8817	74.57913	113.2123
#1	-.000001	.0001340	-.008505	-.001740	-.000552	-.008117	.0149031
#2	-.000124	-.000103	-.080610	-.001135	.000123	-.001273	.0307100
#3	-.000114	.000044	-.082506	.000320	-.000491	-.011407	-.002114

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006858	-.089003	-.000406	.0002131	-.022642	-.011985	-.001417
Stddev	.0015162	.067447	.000497	.0001309	.016295	.001993	.000346
%RSD	221.0834	75.78033	122.2744	61.42869	71.96901	16.63152	24.40679
#1	-.000057	-.033954	-.000764	.0001386	-.019999	-.010237	-.001571
#2	.002430	-.068818	.000161	.0001364	-.040097	-.011562	-.001021
#3	-.000316	-.164238	-.000617	.0003642	-.007830	-.014156	-.001660

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1232903	-.005578	-.004545	.0000027	-.008983	-.002260	-.000188
Stddev	.2369928	.001432	.000953	.0007592	.003956	.000973	.000540
%RSD	192.2234	25.67635	20.96269	28533.68	44.03330	43.06615	287.4732
#1	.1865682	-.006313	-.005179	-.000620	-.008036	-.001311	.000424
#2	.3222212	-.006495	-.005007	-.000221	-.005587	-.003256	-.000599
#3	-.138919	-.003928	-.003449	.000849	-.013327	-.002213	-.000388

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: PB165566BL Acquired: 01/03/2025 14:58:59 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: PBS566 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	-.010910	-.000291	-.011884
Stddev	.001344	.000109	.003880
%RSD	12.32261	37.29597	32.64381
#1	-.012417	-.000170	-.007832
#2	-.009835	-.000379	-.015565
#3	-.010478	-.000325	-.012256

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1799.485	18318.42	1797.820	1348.353	1992.122
Stddev	1.171	63.28	11.227	3.072	1.270
%RSD	.0650599	.3454227	.6244785	.2278277	.0637371
#1	1798.134	18281.17	1790.687	1349.766	1993.214
#2	1800.117	18282.61	1792.013	1344.828	1992.424
#3	1800.203	18391.48	1810.761	1350.464	1990.729

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: PB165566BS Acquired: 01/03/2025 15:03:02 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCS566 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0220361	.0524066	.0191565	.0613230	.1109244	.3843472
Stddev	.0010193	.0014546	.0018927	.0049134	.0018515	.0326726
%RSD	4.625556	2.775657	9.880054	8.012348	1.669129	8.500812
#1	.0209007	.0529444	.0202381	.0564849	.1124949	.3700266
#2	.0228723	.0535158	.0169711	.0663085	.1088830	.4217348
#3	.0223353	.0507597	.0202604	.0611756	.1113953	.3612802

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4074995	.0103344	.0097342	10.11095	.0205814	.1019990
Stddev	.0013743	.0000837	.0000498	.05616	.0008609	.0006102
%RSD	.3372601	.8096730	.5112193	.5553993	4.183082	.5982324
#1	.4059268	.0103012	.0097872	10.04666	.0205816	.1021001
#2	.4081020	.0102724	.0097268	10.15045	.0197203	.1025523
#3	.4084697	.0104295	.0096885	10.13573	.0214422	.1013446

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0421970	.1964252	.0327523	10.62529	.0782159	.0214236
Stddev	.0116999	.0492310	.0015648	.05754	.0013231	.0015790
%RSD	27.72687	25.06348	4.777534	.5415684	1.691654	7.370155
#1	.0353557	.1553948	.0313132	10.57811	.0797045	.0197225
#2	.0557065	.2510149	.0325256	10.60837	.0777696	.0217060
#3	.0355288	.1828660	.0344180	10.68940	.0771736	.0228423

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.500608	.1029298	.1174156	9.387644	.0194780	F -.007448
Stddev	.045574	.0158669	.0006815	.325964	.0043490	.003008
%RSD	.6076055	15.41527	.5804588	3.472262	22.32773	40.39132
#1	7.463774	.1094827	.1166305	9.056167	.0215218	-.004417
#2	7.486475	.1144705	.1177606	9.707799	.0224285	-.010433
#3	7.551574	.0848360	.1178557	9.398967	.0144836	-.007494

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: PB165566BS Acquired: 01/03/2025 15:03:02 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCS566 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0194969	.1673178	F .4853568	.0120943	.1935985	.2122947
Stddev	.0003821	.0036629	.0064813	.0001341	.0038711	.0010706
%RSD	1.960029	2.189189	1.335364	1.108652	1.999546	.5042928
#1	.0197276	.1693823	.4811128	.0121017	.1902145	.2118051
#2	.0197072	.1630887	.4821404	.0122245	.1927613	.2115565
#3	.0190557	.1694826	.4928172	.0119566	.1978197	.2135226

Elem	Li6707
Units	ppm
Avg	.0227745
Stddev	.0021160
%RSD	9.290932
#1	.0251735
#2	.0211738
#3	.0219762

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1792.861	18286.97	1812.576	1347.364	1983.571
Stddev	2.396	98.58	8.717	7.575	2.402
%RSD	.1336240	.5390477	.4809418	.5621837	.1210932
#1	1794.237	18236.67	1819.546	1343.931	1984.617
#2	1794.251	18223.68	1815.381	1342.115	1985.272
#3	1790.095	18400.54	1802.802	1356.048	1980.823

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5126-01 Acquired: 01/03/2025 15:07:02 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHM98 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1109477	-.008848	3.732858	.0505353	.0410913	41.76621
Stddev	.0073445	.001562	.004327	.0056102	.0008027	.26037
%RSD	6.619812	17.65446	.1159281	11.10161	1.953527	.6233930
#1	.1182920	-.008800	3.735666	.0562851	.0414385	42.06685
#2	.1109482	-.010433	3.735034	.0502449	.0401734	41.61454
#3	.1036030	-.007310	3.727875	.0450759	.0416620	41.61724

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.243064	.0057850	.0073122	234.4576	.1578546	.0937320
Stddev	.005768	.0001641	.0002127	.2577	.0009578	.0002093
%RSD	.4640206	2.836793	2.908239	.1099008	.6067328	.2232994
#1	1.243742	.0058561	.0075482	234.7034	.1577100	.0939720
#2	1.236987	.0055973	.0071355	234.1895	.1569773	.0936372
#3	1.248463	.0059016	.0072529	234.4798	.1588764	.0935870

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4343102	146.1707	4.641555	85.00012	.1837545	-.008473
Stddev	.0102578	.3856	.016982	.38786	.0007039	.001394
%RSD	2.361865	.2638194	.3658650	.4563026	.3830731	16.45027
#1	.4381937	146.5729	4.657700	85.44791	.1829768	-.008847
#2	.4420593	146.1351	4.623845	84.78336	.1843481	-.009643
#3	.4226777	145.8041	4.643120	84.76910	.1839385	-.006931

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6871475	.1606266	2.922471	6.808532	F 12.37505	-.250029
Stddev	.0144127	.0166390	.006961	.149442	.00934	.003547
%RSD	2.097472	10.35880	.2381998	2.194924	.0755124	1.418782
#1	.6746795	.1791112	2.928263	6.759847	12.38581	-.247797
#2	.6838348	.1559223	2.914748	6.689503	12.37035	-.248170
#3	.7029281	.1468462	2.924402	6.976245	12.36899	-.254119

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5126-01 Acquired: 01/03/2025 15:07:02 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHM98 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0144993	4.930597	4.401578	.2871252	.8541772	.2282922
Stddev	.0007414	.002665	.005387	.0017451	.0090450	.0011156
%RSD	5.113615	.0540582	.1223793	.6077711	1.058918	.4886702
#1	.0137467	4.928526	4.398379	.2890160	.8642126	.2294109
#2	.0152291	4.929660	4.407797	.2867832	.8466533	.2282859
#3	.0145220	4.933604	4.398559	.2855765	.8516658	.2271798

Elem	Li6707
Units	ppm
Avg	.0637974
Stddev	.0032291
%RSD	5.061464
#1	.0600689
#2	.0656789
#3	.0656445

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1897.398	19314.13	1934.870	1417.301	1816.402
Stddev	2.323	91.12	6.285	10.371	2.357
%RSD	.1224108	.4717818	.3248426	.7317372	.1297595
#1	1899.843	19350.49	1932.151	1413.368	1818.913
#2	1897.128	19381.46	1942.057	1429.063	1814.238
#3	1895.222	19210.44	1930.402	1409.472	1816.055

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: CCV101 Acquired: 01/03/2025 15:10:51 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV101 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.022171	4.961384	25.33066	5.016289	5.028464	413.9742	10.34215
Stddev	.005517	.007068	.02636	.025778	.013616	2.1275	.02588
%RSD	.1098619	.1424649	.1040526	.5138825	.2707847	.5139202	.2502331
#1	5.018036	4.968131	25.31993	5.022181	5.013049	411.5376	10.31544
#2	5.028436	4.954033	25.31136	4.988075	5.038850	415.4638	10.34388
#3	5.020040	4.961988	25.36069	5.038611	5.033495	414.9211	10.36712

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5204287	2.541779	413.9136	15.94240	2.570226	15.58179	417.2798
Stddev	.0031065	.002342	.7783	.05183	.002500	.06889	1.9691
%RSD	.5969076	.0921552	.1880404	.3251369	.0972779	.4420931	.4718893
#1	.5222545	2.540089	413.2184	15.88340	2.573112	15.52312	415.0177
#2	.5221896	2.540796	413.7680	15.98065	2.568804	15.56462	418.6096
#3	.5168418	2.544453	414.7545	15.96313	2.568760	15.65764	418.2120

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.50975	415.6826	2.559184	1.276424	420.9336	2.612064	15.20990
Stddev	.08141	2.3592	.005529	.004837	3.7601	.013797	.03172
%RSD	.5248641	.5675511	.2160259	.3789379	.8932842	.5281852	.2085510
#1	15.41608	412.9805	2.553418	1.273719	425.2722	2.598270	15.22270
#2	15.54981	417.3330	2.559695	1.282008	418.6197	2.612058	15.17378
#3	15.56336	416.7344	2.564440	1.273545	418.9089	2.625864	15.23322

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	158.4596	5.088355	4.585228	4.993687	5.101755	5.135504	5.130561
Stddev	.0319	.004958	.025592	.010111	.007867	.030513	.007878
%RSD	.0201624	.0974400	.5581501	.2024658	.1541972	.5941610	.1535479
#1	158.4402	5.090151	4.581696	4.982388	5.101197	5.133358	5.122961
#2	158.4965	5.092164	4.612404	5.001880	5.094182	5.167033	5.130031
#3	158.4422	5.082749	4.561586	4.996794	5.109886	5.106120	5.138691

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: CCV101 Acquired: 01/03/2025 15:10:51 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV101 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	5.192689	4.953785	5.162527
Stddev	.038702	.021848	.017015
%RSD	.7453190	.4410420	.3295791
#1	5.148605	4.928708	5.158295
#2	5.221080	4.968713	5.148027
#3	5.208381	4.963934	5.181257

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1500.994	16275.87	1680.646	1113.446	1618.076
Stddev	4.218	72.43	5.746	3.944	4.687
%RSD	.2809837	.4449845	.3418882	.3542011	.2896538
#1	1503.832	16359.19	1682.058	1112.627	1620.529
#2	1503.003	16240.54	1674.326	1117.735	1621.027
#3	1496.148	16227.90	1685.555	1109.976	1612.672

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: CCB101 Acquired: 01/03/2025 15:14:38 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB101 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0099878	-.002772	-.002298	.0041717	.0032293	-.015428	-.000600
Stddev	.0026369	.002107	.002500	.0021576	.0029588	.016020	.000309
%RSD	26.40100	76.00109	108.7766	51.71996	91.62506	103.8360	51.55050
#1	.0105370	-.002607	.000147	.0028627	.0000717	-.017431	-.000876
#2	.0123069	-.004956	-.004849	.0029905	.0036781	.001499	-.000266
#3	.0071196	-.000753	-.002192	.0066620	.0059380	-.030352	-.000659

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000653	.0000246	-.020547	-.001139	.0001996	.0071096	-.004610
Stddev	.0001028	.0000067	.031042	.000597	.0004707	.0100794	.087326
%RSD	157.4205	27.12229	151.0742	52.40491	235.8743	141.7725	1894.134
#1	.0001486	.0000256	-.039780	-.000466	.0000267	-.003136	-.099366
#2	.0000968	.0000175	.015264	-.001347	.0007323	.017014	.012902
#3	-.000050	.0000307	-.037125	-.001603	-.000160	.007451	.072633

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0009641	.0134226	-.000556	.0008828	.0120603	-.016955	-.000120
Stddev	.0017273	.0416086	.000254	.0009336	.0236885	.006283	.000091
%RSD	179.1674	309.9890	45.64949	105.7558	196.4184	37.05426	76.00088
#1	.0024627	-.025574	-.000723	.0019285	-.011624	-.016761	-.000022
#2	.0013547	.008616	-.000681	.0005869	.012051	-.023333	-.000135
#3	-.000925	.057226	-.000264	.0001330	.035754	-.010772	-.000203

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2203201	-.000468	.0125955	.0005405	-.006240	-.001635	.0016538
Stddev	.1319329	.002468	.0012351	.0009294	.005308	.001770	.0009309
%RSD	59.88240	526.8317	9.806091	171.9313	85.06386	108.2877	56.28646
#1	.3675185	-.002368	.0120150	.0004059	-.000320	-.000776	.0006741
#2	.1807176	.002321	.0140139	.0015299	-.007825	-.000458	.0025267
#3	.1127242	-.001359	.0117575	-.000314	-.010575	-.003671	.0017606

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: CCB101 Acquired: 01/03/2025 15:14:38 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB101 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	-.005271	-.000370	-.004153
Stddev	.002985	.000141	.008234
%RSD	56.62981	38.10325	198.2852
#1	-.006990	-.000278	-.007671
#2	-.006998	-.000300	.005256
#3	-.001824	-.000533	-.010043

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1829.423	18479.20	1809.721	1373.612	2022.411
Stddev	3.741	46.46	9.079	7.920	4.284
%RSD	.2044907	.2514168	.5016842	.5766179	.2118467
#1	1828.316	18481.15	1817.504	1373.030	2020.190
#2	1826.360	18431.80	1799.747	1365.998	2019.693
#3	1833.592	18524.66	1811.913	1381.807	2027.350

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5126-02 Acquired: 01/03/2025 15:18:40 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHM99 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1277980	-.020468	3.217530	.0669079	.0504259	43.29390
Stddev	.0042409	.002152	.008940	.0046258	.0040722	.28426
%RSD	3.318408	10.51507	.2778448	6.913616	8.075624	.6565823
#1	.1255010	-.022242	3.224121	.0697664	.0543983	43.27106
#2	.1326918	-.021089	3.221114	.0693863	.0462608	43.58889
#3	.1252011	-.018074	3.207354	.0615711	.0506186	43.02175

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.249538	.0067927	.0067217	173.8269	.1541832	.1037355
Stddev	.006630	.0000394	.0000422	.6985	.0003502	.0012527
%RSD	.5306312	.5802576	.6282758	.4018188	.2271283	1.207548
#1	1.245284	.0068089	.0066863	173.0803	.1538009	.1044216
#2	1.246152	.0067477	.0067684	173.9358	.1544885	.1044952
#3	1.257177	.0068214	.0067105	174.4644	.1542601	.1022897

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4277663	165.9716	4.622710	54.88525	.1996046	-.010421
Stddev	.0099650	.5732	.010000	.36091	.0020278	.001191
%RSD	2.329537	.3453710	.2163189	.6575789	1.015883	11.42801
#1	.4385317	165.5599	4.618243	54.68880	.2002897	-.011617
#2	.4188650	166.6263	4.634164	55.30177	.2012010	-.010410
#3	.4259022	165.7287	4.615722	54.66518	.1973230	-.009235

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7176350	.1889471	2.566720	5.896804	F 11.74906	-.300088
Stddev	.0123082	.0094278	.009101	.194668	.03085	.004587
%RSD	1.715101	4.989645	.3545780	3.301252	.2625619	1.528519
#1	.7262747	.1917916	2.568702	6.107493	11.76337	-.298712
#2	.7230880	.1966251	2.556792	5.723611	11.77016	-.296346
#3	.7035424	.1784246	2.574667	5.859306	11.71366	-.305205

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5126-02 Acquired: 01/03/2025 15:18:40 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHM99 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0133920	5.045535	4.674225	.2512143	.9418363	.1961223
Stddev	.0008316	.016174	.023186	.0017372	.0072065	.0016064
%RSD	6.209903	.3205512	.4960380	.6915365	.7651497	.8190876
#1	.0129580	5.035435	4.655078	.2502972	.9376559	.1945945
#2	.0143508	5.064189	4.667593	.2532179	.9501575	.1977972
#3	.0128671	5.036980	4.700004	.2501278	.9376954	.1959750

Elem	Li6707
Units	ppm
Avg	.0719468
Stddev	.0070023
%RSD	9.732544
#1	.0660268
#2	.0796762
#3	.0701375

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1951.000	19784.44	1971.266	1459.812	1877.244
Stddev	3.278	55.35	2.503	3.890	4.179
%RSD	.1680239	.2797589	.1269584	.2664764	.2225979
#1	1947.446	19731.72	1970.592	1455.386	1872.951
#2	1953.906	19779.51	1974.037	1462.687	1877.483
#3	1951.648	19842.08	1969.169	1461.364	1881.298

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5126-16 Acquired: 01/03/2025 15:22:30 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHMM9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2186262	-.017687	2.741373	.1244521	.0594805	73.96075
Stddev	.0031810	.001911	.000553	.0100449	.0045311	.28396
%RSD	1.455010	10.80456	.0201659	8.071333	7.617798	.3839275
#1	.2213420	-.019891	2.741853	.1295199	.0643370	74.24741
#2	.2194101	-.016480	2.741497	.1309536	.0587379	73.67958
#3	.2151265	-.016691	2.740768	.1128828	.0553665	73.95527

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.596058	.0077351	.0083024	249.8388	.1623631	.1642136
Stddev	.003693	.0002140	.0002803	.6357	.0008760	.0012189
%RSD	.2313592	2.766926	3.376220	.2544464	.5395378	.7422875
#1	1.595434	.0079666	.0083452	250.4974	.1627240	.1635213
#2	1.592716	.0076942	.0080031	249.2288	.1613643	.1656210
#3	1.600022	.0075444	.0085588	249.7902	.1630011	.1634984

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5649014	247.1735	21.71324	34.80055	.2060889	-.013888
Stddev	.0053683	.7951	.05786	.13263	.0011898	.000589
%RSD	.9503054	.3216900	.2664670	.3811209	.5773141	4.243188
#1	.5598611	248.0910	21.77928	34.91096	.2074488	-.014015
#2	.5642965	246.7451	21.67149	34.65342	.2052398	-.014403
#3	.5705465	246.6845	21.68894	34.83725	.2055782	-.013245

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7458208	.2117989	1.610795	10.13980	F 13.75797	-.495518
Stddev	.0055354	.0153727	.008731	.08289	.04771	.013425
%RSD	.7421961	7.258152	.5420313	.8174261	.3467748	2.709266
#1	.7452230	.2044986	1.617270	10.21645	13.79554	-.498229
#2	.7406084	.2014367	1.600865	10.05184	13.77406	-.480944
#3	.7516308	.2294615	1.614249	10.15111	13.70429	-.507380

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5126-16 Acquired: 01/03/2025 15:22:30 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHMM9 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0148410	3.857958	4.275694	.1698437	.8932016	.1966950
Stddev	.0003777	.036457	.047668	.0024672	.0013024	.0008491
%RSD	2.545213	.9449702	1.114861	1.452602	.1458066	.4316615
#1	.0147426	3.887677	4.312259	.1726250	.8926966	.1969268
#2	.0145223	3.868918	4.221782	.1679193	.8922274	.1957541
#3	.0152582	3.817278	4.293042	.1689867	.8946808	.1974040

Elem	Li6707
Units	ppm
Avg	.0865996
Stddev	.0029557
%RSD	3.413061
#1	.0864018
#2	.0896493
#3	.0837478

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2240.212	22670.80	2271.389	1670.202	1859.723
Stddev	2.422	66.95	17.910	.678	1.347
%RSD	.1080968	.2953063	.7884989	.0405693	.0724056
#1	2240.942	22656.05	2255.223	1670.339	1858.293
#2	2242.184	22612.46	2290.642	1669.467	1860.966
#3	2237.509	22743.90	2268.302	1670.801	1859.909

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5126-03 Acquired: 01/03/2025 15:26:17 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHMA0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1936050	-.022671	4.443515	.0772362	.0562441	54.98736
Stddev	.0049848	.002787	.006506	.0045078	.0020312	.25713
%RSD	2.574727	12.29232	.1464196	5.836408	3.611384	.4676252
#1	.1967144	-.019528	4.451017	.0736525	.0583247	55.25972
#2	.1962452	-.023645	4.440101	.0822973	.0561415	54.74879
#3	.1878554	-.024840	4.439426	.0757586	.0542662	54.95357

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.599917	.0078637	.0083697	186.5311	.1829584	.1095886
Stddev	.009751	.0001196	.0000893	.3870	.0011571	.0006015
%RSD	.6094377	1.520419	1.066578	.2074844	.6324310	.5488897
#1	1.590342	.0079754	.0083333	186.5937	.1832333	.1095696
#2	1.599574	.0078781	.0084714	186.1166	.1839533	.1101994
#3	1.609834	.0077376	.0083044	186.8830	.1816887	.1089968

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6050659	189.7123	6.445309	51.53213	.2166037	-.009483
Stddev	.0170385	.4627	.032803	.32158	.0013214	.001442
%RSD	2.815975	.2439205	.5089369	.6240421	.6100331	15.21100
#1	.5890214	190.1977	6.473376	51.75133	.2177074	-.009419
#2	.6229492	189.2761	6.409248	51.16295	.2151395	-.008073
#3	.6032270	189.6632	6.453302	51.68210	.2169643	-.010956

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9229348	.2040811	3.477506	6.174594	F 14.82853	-.352546
Stddev	.0185016	.0065218	.013820	.007248	.03491	.001719
%RSD	2.004649	3.195686	.3974191	.1173816	.2354103	.4875929
#1	.9277910	.2086502	3.487664	6.177758	14.86835	-.352721
#2	.9385239	.1966123	3.483087	6.179722	14.80323	-.354171
#3	.9024894	.2069809	3.461768	6.166302	14.81401	-.350746

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5126-03 Acquired: 01/03/2025 15:26:17 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHMA0 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0144904	4.046266	6.726216	.3998661	1.088960	.2735159
Stddev	.0005235	.023018	.039069	.0024797	.005674	.0014015
%RSD	3.612788	.5688669	.5808401	.6201429	.5210293	.5123916
#1	.0139821	4.070945	6.759038	.4015990	1.095357	.2750716
#2	.0144612	4.042474	6.736606	.4009738	1.086983	.2723520
#3	.0150279	4.025380	6.683002	.3970256	1.084538	.2731242

Elem	Li6707
Units	ppm
Avg	.0852440
Stddev	.0018950
%RSD	2.223009
#1	.0872045
#2	.0851053
#3	.0834222

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2002.415	20291.28	2019.935	1488.250	1893.982
Stddev	1.663	35.61	6.141	3.170	1.159
%RSD	.0830317	.1754849	.3040333	.2130016	.0612167
#1	2004.241	20280.89	2013.123	1485.702	1893.658
#2	2000.989	20262.03	2021.632	1487.248	1893.019
#3	2002.015	20330.93	2025.049	1491.800	1895.269

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5126-04 Acquired: 01/03/2025 15:30:04 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHMA0D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1820366	-.021613	4.208228	.0796914	.0539496	52.83409
Stddev	.0027870	.002484	.009704	.0071797	.0014882	.17890
%RSD	1.531001	11.49118	.2306016	9.009352	2.758442	.3386161
#1	.1851795	-.019421	4.219423	.0746133	.0540001	52.89566
#2	.1798660	-.024311	4.202209	.0879056	.0524368	52.63253
#3	.1810643	-.021107	4.203052	.0765553	.0554118	52.97408

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.557454	.0077123	.0082036	178.1910	.1755376	.1084836
Stddev	.004977	.0002949	.0001922	.2630	.0014619	.0003820
%RSD	.3195277	3.824209	2.342793	.1476182	.8327901	.3521403
#1	1.562067	.0074496	.0083546	178.4055	.1738882	.1088061
#2	1.552180	.0080314	.0082690	177.8976	.1766733	.1080617
#3	1.558115	.0076561	.0079873	178.2701	.1760512	.1085830

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5896917	186.3931	6.113031	44.89003	.2102080	-.010992
Stddev	.0014582	.6520	.021332	.39074	.0007484	.001376
%RSD	.2472778	.3498010	.3489602	.8704450	.3560487	12.51573
#1	.5885164	186.1975	6.114074	44.81978	.2102846	-.011629
#2	.5913235	185.8613	6.091197	44.53918	.2109152	-.009413
#3	.5892352	187.1205	6.133823	45.31113	.2094242	-.011934

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9755674	.2145572	3.334001	6.344714	F 14.34585	-.336918
Stddev	.0077535	.0116833	.007631	.217727	.02861	.002776
%RSD	.7947693	5.445316	.2288955	3.431625	.1994552	.8240761
#1	.9787320	.2275737	3.334127	6.593843	14.37365	-.334767
#2	.9667321	.2111196	3.326307	6.249404	14.31649	-.335935
#3	.9812381	.2049784	3.341569	6.190894	14.34741	-.340052

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5126-04 Acquired: 01/03/2025 15:30:04 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHMA0D Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0158409	4.312583	6.424009	.3826187	1.063861	.2545024
Stddev	.0007989	.015728	.031404	.0023426	.004547	.0008185
%RSD	5.043605	.3647083	.4888466	.6122584	.4273699	.3216201
#1	.0167393	4.302725	6.388969	.3811809	1.069067	.2543673
#2	.0152100	4.304303	6.433449	.3853219	1.060674	.2537599
#3	.0155736	4.330722	6.449611	.3813535	1.061841	.2553801

Elem	Li6707
Units	ppm
Avg	.0844631
Stddev	.0022944
%RSD	2.716501
#1	.0818233
#2	.0859775
#3	.0855886

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1982.962	20222.61	2001.981	1482.855	1890.997
Stddev	3.428	151.65	8.876	8.900	4.893
%RSD	.1728589	.7499042	.4433508	.6002199	.2587588
#1	1981.647	20104.77	2003.938	1477.793	1888.974
#2	1986.853	20393.71	2009.715	1493.132	1896.577
#3	1980.388	20169.37	1992.290	1477.640	1887.439

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5126-03LX5 Acquired: 01/03/2025 15:33:51 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHMA0L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0394629	.0017079	.9422519	.0153466	.0098809	12.25184	.3700434
Stddev	.0028611	.0040356	.0066450	.0092256	.0022516	.08117	.0033179
%RSD	7.250133	236.2928	.7052287	60.11512	22.78774	.6624855	.8966225
#1	.0377957	.0031193	.9418547	.0054098	.0076720	12.25061	.3666945
#2	.0427666	.0048482	.9358143	.0169896	.0097976	12.17130	.3701064
#3	.0378265	-.002844	.9490865	.0236403	.0121730	12.33362	.3733294

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0018524	.0016646	43.04821	.0418638	.0341488	.1386082	43.30098
Stddev	.0000931	.0001209	.13005	.0012254	.0003145	.0042840	.14472
%RSD	5.027518	7.264766	.3020956	2.927206	.9209010	3.090713	.3342093
#1	.0017548	.0017726	42.96300	.0409806	.0340007	.1393864	43.32962
#2	.0018621	.0015339	42.98374	.0432628	.0339358	.1339885	43.14409
#3	.0019403	.0016872	43.19790	.0413480	.0345100	.1424498	43.42924

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.476267	11.76021	.0419120	-.003189	.2192656	.0461645	.7908416
Stddev	.005018	.07528	.0002286	.001370	.0291401	.0028566	.0061417
%RSD	.3399336	.6401584	.5453252	42.96109	13.28985	6.187799	.7765984
#1	1.479557	11.68587	.0417469	-.001626	.2528349	.0444090	.7978219
#2	1.470491	11.75835	.0418162	-.004183	.2044744	.0446238	.7862669
#3	1.478754	11.83640	.0421728	-.003759	.2004877	.0494606	.7884359

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.511335	3.108347	-.082913	.0048207	.8368950	1.223505	.0735587
Stddev	.103448	.026158	.001896	.0007100	.0036940	.017281	.0017947
%RSD	6.844816	.8415428	2.286995	14.72769	.4413960	1.412428	2.439807
#1	1.465052	3.087289	-.081055	.0049526	.8329903	1.231093	.0715577
#2	1.629844	3.100122	-.082838	.0054555	.8373605	1.203728	.0740926
#3	1.439110	3.137629	-.084845	.0040541	.8403342	1.235693	.0750259

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5126-03LX5 Acquired: 01/03/2025 15:33:51 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHMA0L Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.2292968	.0612627	.0100854
Stddev	.0025121	.0002852	.0027716
%RSD	1.095585	.4654789	27.48152
#1	.2307763	.0612900	.0091801
#2	.2263962	.0609649	.0078796
#3	.2307178	.0615332	.0131965

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1847.046	18876.91	1843.604	1398.308	1953.455
Stddev	4.817	91.82	15.019	9.737	4.939
%RSD	.2607843	.4864275	.8146771	.6963345	.2528394
#1	1852.263	18842.80	1833.335	1390.001	1958.697
#2	1846.107	18807.02	1860.842	1395.900	1952.781
#3	1842.768	18980.91	1836.635	1409.023	1948.888

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5127-04 Acquired: 01/03/2025 15:37:44 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHMB1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0611451	.0140703	.3826018	.0049526	.0147315	39.15405
Stddev	.0070858	.0039978	.0027145	.0080269	.0028808	.09170
%RSD	11.58848	28.41341	.7094715	162.0755	19.55512	.2342151
#1	.0634912	.0119601	.3853173	-.002836	.0151556	39.18467
#2	.0667603	.0115697	.3825997	.004495	.0173768	39.22653
#3	.0531838	.0186811	.3798884	.013198	.0116623	39.05095

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3938866	.0051445	.0030487	F 1866.261	.0593834	.1247332
Stddev	.0033436	.0000621	.0001817	11.033	.0008945	.0010323
%RSD	.8488693	1.207766	5.959096	.5911761	1.506320	.8275992
#1	.3944977	.0051319	.0030906	1866.183	.0603996	.1235879
#2	.3968824	.0052119	.0028498	1877.333	.0590359	.1250201
#3	.3902795	.0050896	.0032059	1855.267	.0587149	.1255918

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2148242	125.7643	7.621029	202.2940	.1423951	-.009010
Stddev	.0045688	.1786	.026648	.2318	.0016437	.000512
%RSD	2.126780	.1420114	.3496625	.1145909	1.154302	5.684921
#1	.2178003	125.6105	7.607441	202.0591	.1441325	-.009036
#2	.2171087	125.9602	7.651732	202.5226	.1408648	-.009508
#3	.2095637	125.7221	7.603914	202.3003	.1421881	-.008485

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.687741	.0637144	.6446990	14.72461	3.573379	-.145532
Stddev	.014509	.0120280	.0040940	.05908	.012244	.001041
%RSD	.8596653	18.87791	.6350243	.4012121	.3426507	.7153951
#1	1.685012	.0510587	.6403193	14.78628	3.584384	-.146279
#2	1.674790	.0650879	.6453480	14.71903	3.560190	-.145975
#3	1.703420	.0749967	.6484297	14.66852	3.575564	-.144343

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5127-04 Acquired: 01/03/2025 15:37:44 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHMB1 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007175	2.905342	4.377236	.0222720	.0634765	1.741473
Stddev	.0015399	.014261	.028951	.0046510	.0040995	.005960
%RSD	214.6057	.4908625	.6614012	20.88272	6.458297	.3422247
#1	.0018496	2.912395	4.354480	.0245861	.0678930	1.739395
#2	-.001036	2.888928	4.409822	.0253120	.0627435	1.748193
#3	.001339	2.914701	4.367407	.0169179	.0597929	1.736830

Elem	Li6707
Units	ppm
Avg	.1132167
Stddev	.0026588
%RSD	2.348424
#1	.1143549
#2	.1151169
#3	.1101783

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1820.479	18488.56	1910.163	1345.706	1567.958
Stddev	3.864	65.40	11.473	3.209	4.488
%RSD	.2122286	.3537136	.6006250	.2384913	.2862199
#1	1824.857	18562.22	1920.127	1346.496	1571.762
#2	1819.038	18466.10	1897.620	1348.446	1569.103
#3	1817.544	18437.35	1912.741	1342.175	1563.008

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5127-05 Acquired: 01/03/2025 15:41:43 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHMB1D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0591848	.0146018	.3842258	.0077389	.0176842	39.27771
Stddev	.0060768	.0049466	.0028517	.0036529	.0003184	.03475
%RSD	10.26755	33.87645	.7421967	47.20169	1.800718	.0884710
#1	.0538801	.0143224	.3838469	.0106820	.0177577	39.29185
#2	.0578592	.0196822	.3815824	.0088839	.0173354	39.30315
#3	.0658149	.0098009	.3872480	.0036506	.0179595	39.23811

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3836615	.0049565	.0030348	F 1842.094	.0587563	.1238033
Stddev	.0025438	.0001195	.0001256	9.250	.0010386	.0003275
%RSD	.6630216	2.411137	4.140450	.5021431	1.767706	.2645682
#1	.3864717	.0050519	.0031669	1832.781	.0599204	.1234580
#2	.3829965	.0048225	.0029168	1842.224	.0584241	.1241096
#3	.3815162	.0049952	.0030206	1851.279	.0579244	.1238423

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2083538	124.9154	7.571320	201.4331	.1431276	-.007963
Stddev	.0065314	.2682	.022694	.5067	.0012973	.000875
%RSD	3.134754	.2146803	.2997321	.2515490	.9064070	10.98174
#1	.2020026	124.6063	7.545390	200.8483	.1445736	-.006981
#2	.2080071	125.0538	7.581010	201.7088	.1427434	-.008657
#3	.2150516	125.0862	7.587561	201.7421	.1420657	-.008252

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.683083	.0783392	.6449996	14.47119	3.544705	-.146155
Stddev	.031769	.0030319	.0026805	.22784	.005291	.002177
%RSD	1.887555	3.870257	.4155798	1.574421	.1492577	1.489785
#1	1.648488	.0816027	.6463724	14.71086	3.539797	-.148022
#2	1.689815	.0756099	.6419108	14.44530	3.544007	-.143763
#3	1.710948	.0778049	.6467157	14.25740	3.550310	-.146680

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5127-05 Acquired: 01/03/2025 15:41:43 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHMB1D Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000079	2.886770	5.668521	.0173543	.0713769	1.732973
Stddev	.001008	.016963	.024286	.0015448	.0056357	.000806
%RSD	1278.375	.5876034	.4284324	8.901451	7.895745	.0464885
#1	-.000755	2.887547	5.652356	.0164423	.0692809	1.733625
#2	-.000562	2.869432	5.696448	.0164827	.0777604	1.733221
#3	.001080	2.903330	5.656758	.0191379	.0670896	1.732072

Elem	Li6707
Units	ppm
Avg	.1140021
Stddev	.0034842
%RSD	3.056305
#1	.1180233
#2	.1118788
#3	.1121042

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1822.561	18506.52	1904.686	1348.626	1567.223
Stddev	4.480	126.77	4.650	11.360	4.255
%RSD	.2458055	.6850046	.2441091	.8423085	.2715053
#1	1817.558	18385.81	1899.753	1336.613	1562.310
#2	1823.927	18638.59	1905.320	1359.194	1569.730
#3	1826.200	18495.15	1908.987	1350.070	1569.629

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5127-04DLX5 Acquired: 01/03/2025 15:45:41 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) 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	.0079341	.0305671	.0887853	-.023565	.0009902	8.905927	.0864868
Stddev	.0011798	.0073608	.0020159	.003764	.0026865	.057571	.0001134
%RSD	14.86999	24.08087	2.270593	15.97168	271.3065	.6464403	.1310630
#1	.0084384	.0239874	.0903015	-.024827	.0019264	8.969658	.0864887
#2	.0065860	.0291973	.0895569	-.026535	-.002039	8.857684	.0865992
#3	.0087779	.0385166	.0864976	-.019332	.003083	8.890439	.0863725

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0010137	.0005324	423.1190	.0145418	.0510374	.0603488	28.55058
Stddev	.0001101	.0000706	.5549	.0010593	.0012602	.0057456	.08631
%RSD	10.86300	13.25623	.1311486	7.284893	2.469091	9.520609	.3023183
#1	.0008957	.0006136	423.1175	.0156402	.0504432	.0539116	28.64613
#2	.0010317	.0004855	422.5649	.0135264	.0524848	.0621771	28.52734
#3	.0011137	.0004982	423.6747	.0144587	.0501841	.0649578	28.47827

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.755672	46.42834	.0289466	-.000277	.3957783	.0188653	.1511915
Stddev	.004744	.09135	.0022505	.000202	.0068324	.0063060	.0007864
%RSD	.2702104	.1967595	7.774698	72.86741	1.726311	33.42643	.5201449
#1	1.759979	46.32519	.0270624	-.000163	.4011168	.0182570	.1520865
#2	1.750587	46.49902	.0314386	-.000158	.3880785	.0128854	.1506113
#3	1.756450	46.46082	.0283387	-.000510	.3981396	.0254533	.1508766

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.939773	.6728914	-.038894	.0052286	.5403017	1.004061	-.003038
Stddev	.113840	.0004479	.000869	.0015437	.0045904	.007304	.001138
%RSD	3.872414	.0665593	2.234718	29.52450	.8495971	.7274782	37.45995
#1	2.957780	.6731384	-.039164	.0047453	.5354637	1.006058	-.001822
#2	2.818002	.6731615	-.039595	.0039843	.5445960	.995965	-.003214
#3	3.043536	.6723745	-.037921	.0069561	.5408454	1.010158	-.004077

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5127-04DLX5 Acquired: 01/03/2025 15:45:41 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) 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	.0106523	.3858732	.0276301
Stddev	.0066601	.0017123	.0020147
%RSD	62.52247	.4437567	7.291728
#1	.0183415	.3864006	.0258431
#2	.0066881	.3839592	.0272336
#3	.0069274	.3872597	.0298135

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1774.580	17927.10	1803.113	1315.886	1804.856
Stddev	1.504	30.89	6.085	6.470	1.328
%RSD	.0847573	.1723291	.3374756	.4916514	.0735577
#1	1773.907	17908.38	1798.994	1314.009	1805.955
#2	1776.303	17910.17	1810.103	1310.563	1805.233
#3	1773.530	17962.76	1800.243	1323.087	1803.381

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5127-06 Acquired: 01/03/2025 15:49:36 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHMB1S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1469153	.1059430	.4349915	.1711169	.1813410	42.50210
Stddev	.0092811	.0045152	.0031262	.0096046	.0051205	.14036
%RSD	6.317280	4.261926	.7186891	5.612910	2.823715	.3302462
#1	.1471145	.1009287	.4380545	.1651769	.1839755	42.56318
#2	.1375363	.1072135	.4351145	.1821978	.1754396	42.34155
#3	.1560952	.1096869	.4318056	.1659761	.1846079	42.60158

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.062851	.0986252	.1081532	F 1869.228	.4424571	1.178026
Stddev	.020210	.0007352	.0002551	12.185	.0006174	.000790
%RSD	.4974403	.7454694	.2358571	.6518666	.1395429	.0670803
#1	4.085106	.0994144	.1082214	1881.834	.4421626	1.178427
#2	4.045642	.0979596	.1078710	1857.513	.4420420	1.177116
#3	4.057806	.0985015	.1083673	1868.339	.4431666	1.178536

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6303173	127.1774	8.545198	201.7646	1.212719	.0629805
Stddev	.0025633	.2899	.011013	.2757	.000779	.0013215
%RSD	.4066666	.2279810	.1288838	.1366539	.0642424	2.098249
#1	.6326102	127.4020	8.556434	201.5772	1.212667	.0643564
#2	.6307918	126.8501	8.534422	201.6354	1.211967	.0628638
#3	.6275499	127.2803	8.544736	202.0812	1.213522	.0617212

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.696052	1.022876	1.506095	14.72341	3.572654	-.160329
Stddev	.029316	.006983	.005871	.12657	.011998	.001147
%RSD	1.728476	.6826765	.3898314	.8596271	.3358408	.7152387
#1	1.717361	1.028802	1.512743	14.80048	3.578195	-.161172
#2	1.662619	1.024648	1.501621	14.57733	3.580881	-.160792
#3	1.708175	1.015178	1.503922	14.79241	3.558886	-.159023

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5127-06 Acquired: 01/03/2025 15:49:36 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHMB1S Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005311	2.935098	4.438052	.0181998	.0614293	1.743752
Stddev	.0002969	.003188	.026572	.0020211	.0019741	.002052
%RSD	55.89337	.1086113	.5987211	11.10493	3.213626	.1176669
#1	.0008107	2.932211	4.461795	.0163348	.0611986	1.745866
#2	.0002195	2.934563	4.409351	.0203472	.0635086	1.741768
#3	.0005632	2.938519	4.443011	.0179174	.0595807	1.743623

Elem	Li6707
Units	ppm
Avg	.1130123
Stddev	.0028834
%RSD	2.551428
#1	.1132525
#2	.1157682
#3	.1100163

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1806.534	18478.88	1906.413	1351.280	1557.116
Stddev	5.255	17.09	9.001	4.546	3.380
%RSD	.2909101	.0924763	.4721631	.3364282	.2170851
#1	1812.589	18494.97	1901.445	1352.830	1560.675
#2	1803.155	18480.72	1916.803	1354.848	1556.725
#3	1803.859	18460.94	1900.989	1346.161	1553.948

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5128-19 Acquired: 01/03/2025 15:53:32 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHMK9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2472903	-.017124	5.488169	.1017227	.0477177	66.71898
Stddev	.0082275	.003899	.004056	.0032759	.0009113	.27291
%RSD	3.327064	22.77114	.0739080	3.220459	1.909711	.4090375
#1	.2532575	-.013661	5.492677	.1020391	.0485644	67.01777
#2	.2507089	-.021347	5.484816	.1048290	.0478353	66.65630
#3	.2379047	-.016363	5.487013	.0983001	.0467533	66.48287

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.173136	.0074753	.0163277	121.4255	.1771696	.1446654
Stddev	.003170	.0001124	.0001750	.1324	.0004847	.0010120
%RSD	.1458591	1.504055	1.071920	.1090027	.2735806	.6995612
#1	2.176408	.0073986	.0161744	121.4561	.1775049	.1447253
#2	2.172920	.0076043	.0162903	121.5399	.1773900	.1436248
#3	2.170079	.0074228	.0165184	121.2805	.1766138	.1456461

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8078334	195.4838	16.87644	33.40236	.2401380	-.005694
Stddev	.0089076	.8066	.08511	.11191	.0009000	.001493
%RSD	1.102654	.4126092	.5043087	.3350289	.3747683	26.22169
#1	.7982850	196.2268	16.96659	33.52720	.2394812	-.007333
#2	.8159191	195.5986	16.86526	33.36885	.2397689	-.005337
#3	.8092962	194.6260	16.79748	33.31104	.2411638	-.004412

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.178686	.1970572	3.494731	9.151259	F 12.48010	-.380542
Stddev	.024674	.0120447	.009451	.270196	.01881	.001191
%RSD	2.093351	6.112263	.2704243	2.952552	.1506881	.3129494
#1	1.177515	.1863546	3.487425	9.024725	12.46353	-.381869
#2	1.203925	.2101004	3.505404	8.967550	12.47622	-.379567
#3	1.154619	.1947168	3.491365	9.461503	12.50054	-.380190

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5128-19 Acquired: 01/03/2025 15:53:32 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHMK9 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0159624	3.297823	5.531695	.2374082	.7399921	.0614590
Stddev	.0004181	.003530	.023329	.0022109	.0032133	.0000630
%RSD	2.619270	.1070471	.4217244	.9312475	.4342318	.1025648
#1	.0159661	3.296771	5.558075	.2366697	.7368104	.0614001
#2	.0155425	3.301759	5.523227	.2398937	.7399296	.0615255
#3	.0163787	3.294938	5.513784	.2356611	.7432361	.0614515

Elem	Li6707
Units	ppm
Avg	.0885500
Stddev	.0010625
%RSD	1.199865
#1	.0893390
#2	.0889692
#3	.0873419

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2176.721	22168.35	2181.958	1631.543	1920.412
Stddev	7.100	57.80	2.606	5.743	6.123
%RSD	.3261650	.2607405	.1194552	.3520101	.3188619
#1	2178.794	22233.08	2179.072	1635.458	1924.536
#2	2182.554	22150.11	2182.664	1624.950	1923.325
#3	2168.816	22121.88	2184.140	1634.221	1913.376

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5128-20 Acquired: 01/03/2025 15:57:21 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHMK9D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2367505	-.014062	5.443698	.0979040	.0429648	64.73329
Stddev	.0047270	.003799	.008099	.0053475	.0021133	.25354
%RSD	1.996609	27.01468	.1487824	5.461929	4.918661	.3916727
#1	.2343958	-.017970	5.434557	.1031538	.0444822	65.02275
#2	.2421924	-.013832	5.446556	.0980943	.0405511	64.62653
#3	.2336634	-.010383	5.449980	.0924640	.0438612	64.55058

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.172252	.0074684	.0162333	120.2928	.1742015	.1451009
Stddev	.013942	.0002523	.0002073	.4379	.0004684	.0001826
%RSD	.6418399	3.378739	1.277072	.3640201	.2688792	.1258704
#1	2.181975	.0071772	.0163912	120.7004	.1736607	.1450019
#2	2.178504	.0076247	.0159985	120.3481	.1744616	.1453116
#3	2.156279	.0076031	.0163102	119.8298	.1744820	.1449891

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7934752	191.1957	16.40964	32.75849	.2391489	-.008471
Stddev	.0044941	.8462	.07343	.06187	.0016767	.001207
%RSD	.5663854	.4425606	.4474682	.1888628	.7011098	14.24632
#1	.7981573	191.9287	16.48603	32.70443	.2390000	-.009632
#2	.7891962	191.3886	16.40330	32.82596	.2375516	-.007223
#3	.7930720	190.2697	16.33959	32.74509	.2408951	-.008556

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.172614	.1913846	3.394059	9.247728	F 12.45085	-.364208
Stddev	.017475	.0031549	.016062	.048620	.02043	.001100
%RSD	1.490250	1.648444	.4732325	.5257527	.1640991	.3019082
#1	1.177571	.1948658	3.406344	9.299694	12.44038	-.365470
#2	1.153197	.1887144	3.375883	9.203345	12.43777	-.363703
#3	1.187076	.1905737	3.399949	9.240144	12.47439	-.363452

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5128-20 Acquired: 01/03/2025 15:57:21 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHMK9D Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0157707	3.256341	5.476824	.2358836	.7211262	.0591282
Stddev	.0003196	.010294	.020631	.0018060	.0073155	.0001432
%RSD	2.026593	.3161193	.3767007	.7656168	1.014451	.2421623
#1	.0155541	3.266945	5.500565	.2361293	.7293266	.0592215
#2	.0161377	3.255689	5.463243	.2339674	.7152708	.0591998
#3	.0156201	3.246388	5.466663	.2375541	.7187811	.0589634

Elem	Li6707
Units	ppm
Avg	.0867107
Stddev	.0011988
%RSD	1.382572
#1	.0876688
#2	.0870969
#3	.0853663

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2187.594	22433.13	2194.717	1647.267	1932.967
Stddev	3.616	51.75	7.994	9.482	1.903
%RSD	.1652790	.2306654	.3642424	.5755997	.0984516
#1	2184.062	22441.42	2187.192	1644.569	1932.866
#2	2187.432	22480.24	2203.109	1657.805	1934.919
#3	2191.288	22377.75	2193.850	1639.427	1931.117

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5128-19LX5 Acquired: 01/03/2025 16:01:09 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHMK9L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0504023	-.003155	1.123007	.0258224	.0084745	15.63615	.5207639
Stddev	.0012730	.001809	.001725	.0035343	.0006557	.04344	.0059483
%RSD	2.525708	57.33030	.1536371	13.68677	7.737744	.2778431	1.142231
#1	.0515538	-.003954	1.123312	.0258428	.0078755	15.68033	.5207128
#2	.0506178	-.004426	1.121150	.0222780	.0091751	15.63466	.5267377
#3	.0490353	-.001084	1.124559	.0293464	.0083728	15.59348	.5148413

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0017372	.0033205	28.95109	.0420921	.0381913	.1796272	46.03556
Stddev	.0002558	.0001422	.06138	.0000644	.0006247	.0021684	.08953
%RSD	14.72453	4.282092	.2119996	.1530063	1.635579	1.207170	.1944728
#1	.0019622	.0032951	28.97816	.0420278	.0379454	.1812861	45.98079
#2	.0017903	.0031926	28.99428	.0421566	.0389015	.1771736	45.98702
#3	.0014590	.0034736	28.88083	.0420919	.0377270	.1804220	46.13888

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.003678	8.002015	.0467477	-.000820	.2564225	.0417797	.8256345
Stddev	.005429	.154433	.0009497	.000821	.0029478	.0031951	.0016725
%RSD	.1356103	1.929926	2.031575	100.1243	1.149578	7.647390	.2025725
#1	4.009865	7.987726	.0475537	-.001254	.2597531	.0437930	.8237348
#2	3.999710	7.855223	.0469886	.000127	.2541490	.0380957	.8268853
#3	4.001458	8.163096	.0457007	-.001332	.2553655	.0434503	.8262835

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.142220	2.534124	-.094306	.0045464	.6616743	1.328380	.0361690
Stddev	.045487	.002742	.002823	.0007158	.0025234	.005609	.0014913
%RSD	2.123349	.1082205	2.993217	15.74435	.3813604	.4222768	4.123090
#1	2.194691	2.532040	-.093607	.0048706	.6595933	1.333830	.0373360
#2	2.113949	2.533100	-.097412	.0037259	.6644810	1.328685	.0344889
#3	2.118021	2.537231	-.091898	.0050428	.6609486	1.322624	.0366820

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5128-19LX5 Acquired: 01/03/2025 16:01:09 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHMK9L Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.1661074	.0140542	.0224698
Stddev	.0038527	.0001527	.0047013
%RSD	2.319398	1.086644	20.92280
#1	.1648204	.0139219	.0217057
#2	.1630629	.0140193	.0275063
#3	.1704388	.0142213	.0181973

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1902.136	19313.40	1874.047	1419.332	1986.024
Stddev	2.676	12.82	8.376	3.330	3.560
%RSD	.1406684	.0663772	.4469503	.2345955	.1792625
#1	1905.226	19321.45	1866.946	1423.083	1989.761
#2	1900.607	19298.62	1871.910	1416.725	1985.639
#3	1900.577	19320.14	1883.284	1418.188	1982.672

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5128-21 Acquired: 01/03/2025 16:05:02 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHMK9S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3261639	.0636915	5.541806	.2450180	.1935100	68.67063
Stddev	.0054433	.0030288	.014501	.0093215	.0043207	.37026
%RSD	1.668894	4.755442	.2616692	3.804402	2.232826	.5391760
#1	.3321211	.0607611	5.529756	.2350975	.1885949	69.02139
#2	.3249210	.0635035	5.537762	.2535945	.1952254	68.70695
#3	.3214494	.0668099	5.557900	.2463620	.1967096	68.28355

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.596455	.0946527	.1159254	121.1195	.5391390	1.164615
Stddev	.002996	.0006523	.0003170	.1771	.0009371	.002572
%RSD	.0535291	.6891763	.2734843	.1462598	.1738235	.2208245
#1	5.592997	.0953303	.1155942	121.1233	.5391394	1.163085
#2	5.598254	.0945988	.1159558	121.2947	.5382016	1.163176
#3	5.598114	.0940290	.1162261	120.9404	.5400759	1.167584

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.192807	194.6725	17.48557	33.05175	1.278955	.0576091
Stddev	.012113	.6663	.05589	.10772	.002247	.0010013
%RSD	1.015503	.3422549	.3196313	.3259068	.1756805	1.738158
#1	1.206542	195.2946	17.52687	33.16519	1.278572	.0579434
#2	1.183651	194.7535	17.50786	33.03921	1.276924	.0564834
#3	1.188228	193.9694	17.42197	32.95086	1.281368	.0584005

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.177687	1.056343	4.261552	9.127311	F 12.41747	-.383087
Stddev	.016700	.004759	.025166	.173068	.01583	.004027
%RSD	1.418021	.4505471	.5905390	1.896157	.1275066	1.051121
#1	1.159831	1.050886	4.269823	9.081273	12.40488	-.384775
#2	1.192921	1.058506	4.233291	9.318742	12.41229	-.385994
#3	1.180310	1.059636	4.281542	8.981916	12.43525	-.378491

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5128-21 Acquired: 01/03/2025 16:05:02 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHMK9S Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0154180	3.316520	5.540292	.2405534	.7262760	.0585817
Stddev	.0003331	.007241	.027591	.0025348	.0053925	.0001754
%RSD	2.160516	.2183194	.4980114	1.053716	.7424841	.2993881
#1	.0155248	3.308518	5.563966	.2433330	.7316623	.0583933
#2	.0150446	3.318424	5.546918	.2383698	.7262884	.0586116
#3	.0156847	3.322619	5.509990	.2399572	.7208774	.0587402

Elem	Li6707
Units	ppm
Avg	.0868785
Stddev	.0009473
%RSD	1.090392
#1	.0863871
#2	.0862779
#3	.0879706

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2181.757	22197.03	2184.852	1626.865	1925.577
Stddev	6.426	33.30	13.119	6.931	3.407
%RSD	.2945118	.1500345	.6004455	.4260203	.1769164
#1	2188.831	22177.01	2173.938	1623.150	1929.510
#2	2180.160	22235.47	2181.212	1634.861	1923.645
#3	2176.281	22178.59	2199.407	1622.583	1923.576

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5122-12 Acquired: 01/03/2025 16:08:49 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHMC9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1485667	-.027705	5.335357	.0892314	.0603685	59.44894
Stddev	.0037745	.001595	.009914	.0051591	.0027345	.19845
%RSD	2.540586	5.758942	.1858242	5.781682	4.529639	.3338109
#1	.1499050	-.028545	5.324184	.0832844	.0606980	59.49481
#2	.1514897	-.028704	5.343103	.0919042	.0629232	59.62044
#3	.1443054	-.025865	5.338785	.0925057	.0574841	59.23158

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.945473	.0079462	.0076742	466.9157	.1738992	.1301745
Stddev	.008905	.0000595	.0001377	1.2001	.0001767	.0006341
%RSD	.4577095	.7488398	1.794426	.2570298	.1015912	.4870737
#1	1.936147	.0080072	.0076413	465.6301	.1737163	.1305192
#2	1.946384	.0079430	.0075558	467.1107	.1739123	.1305615
#3	1.953886	.0078883	.0078253	468.0064	.1740689	.1294428

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4277065	228.1354	7.254069	73.74364	.2477614	-.015913
Stddev	.0069523	.1440	.011614	.23754	.0015318	.000971
%RSD	1.625493	.0631130	.1601043	.3221173	.6182633	6.102622
#1	.4212481	228.1846	7.245052	73.79821	.2460266	-.016147
#2	.4350651	228.2483	7.267174	73.94915	.2483303	-.014847
#3	.4268063	227.9732	7.249980	73.48357	.2489274	-.016746

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.385169	.2451423	3.297468	10.68931	F 16.24211	-.395688
Stddev	.000625	.0094084	.012900	.18341	.03854	.003504
%RSD	.0451570	3.837946	.3912052	1.715781	.2372833	.8854388
#1	1.385690	.2442993	3.295130	10.48064	16.19882	-.396327
#2	1.384475	.2549439	3.285897	10.76235	16.27271	-.391909
#3	1.385342	.2361837	3.311377	10.82494	16.25478	-.398828

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5122-12 Acquired: 01/03/2025 16:08:49 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHMC9 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0108627	4.624033	4.844110	.2278688	1.203986	.9660812
Stddev	.0010959	.006000	.030263	.0013677	.007499	.0033731
%RSD	10.08865	.1297659	.6247447	.6001935	.6228249	.3491531
#1	.0114006	4.629620	4.855443	.2283144	1.197863	.9642996
#2	.0096018	4.617691	4.809816	.2289580	1.212350	.9699716
#3	.0115857	4.624788	4.867071	.2263339	1.201746	.9639725

Elem	Li6707
Units	ppm
Avg	.0988143
Stddev	.0015082
%RSD	1.526245
#1	.0974475
#2	.0985632
#3	.1004323

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1976.304	19999.02	2008.834	1459.129	1794.466
Stddev	4.062	107.24	10.565	5.562	6.303
%RSD	.2055537	.5362281	.5259174	.3811730	.3512462
#1	1980.885	20115.88	2012.656	1464.175	1801.739
#2	1974.890	19976.07	2016.956	1460.045	1790.577
#3	1973.138	19905.11	1996.890	1453.165	1791.084

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5122-13 Acquired: 01/03/2025 16:12:36 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHMC9D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1439594	-.024659	5.327616	.0862317	.0590039	59.05396
Stddev	.0031897	.003633	.007203	.0039377	.0043861	.39809
%RSD	2.215696	14.73245	.1352005	4.566396	7.433566	.6741111
#1	.1416143	-.023495	5.334236	.0888268	.0544236	59.34969
#2	.1426723	-.021750	5.319945	.0881675	.0631658	58.60133
#3	.1475915	-.028731	5.328667	.0817008	.0594225	59.21087

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.952015	.0080120	.0077606	465.1061	.1726980	.1296751
Stddev	.004945	.0002788	.0000933	1.9323	.0005854	.0001611
%RSD	.2533471	3.480117	1.201822	.4154580	.3389790	.1242478
#1	1.957724	.0077719	.0078681	467.2718	.1725997	.1295364
#2	1.949248	.0079463	.0077116	463.5582	.1721680	.1298518
#3	1.949072	.0083178	.0077020	464.4883	.1733264	.1296370

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4199382	227.1053	7.212302	73.11536	.2485275	-.016647
Stddev	.0081926	1.2616	.045077	.22136	.0016182	.001132
%RSD	1.950916	.5555209	.6250023	.3027533	.6511358	6.801390
#1	.4258145	228.4147	7.251396	73.24105	.2501408	-.016690
#2	.4105797	225.8976	7.162994	72.85977	.2469043	-.017757
#3	.4234205	227.0034	7.222516	73.24525	.2485375	-.015494

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.382610	.2445469	3.275500	10.68046	F 16.21208	-.404269
Stddev	.032003	.0049191	.010554	.18746	.00854	.003833
%RSD	2.314682	2.011529	.3222248	1.755204	.0526871	.9480771
#1	1.412485	.2496116	3.263787	10.83798	16.22192	-.403187
#2	1.386508	.2442414	3.278440	10.47312	16.20661	-.408527
#3	1.348836	.2397875	3.284272	10.73028	16.20771	-.401094

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5122-13 Acquired: 01/03/2025 16:12:36 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHMC9D Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0113920	4.583510	4.960472	.2257363	1.199153	.9608268
Stddev	.0005995	.005143	.013282	.0028012	.003520	.0056157
%RSD	5.262628	.1122068	.2677487	1.240928	.2935051	.5844684
#1	.0112774	4.579619	4.963709	.2289679	1.195135	.9652994
#2	.0108580	4.589341	4.971836	.2239993	1.200636	.9545244
#3	.0120405	4.581570	4.945871	.2242418	1.201689	.9626566

Elem	Li6707
Units	ppm
Avg	.1038521
Stddev	.0034981
%RSD	3.368342
#1	.1075759
#2	.1033457
#3	.1006349

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1975.882	20025.37	2013.058	1470.545	1796.379
Stddev	5.418	73.44	2.716	8.429	4.315
%RSD	.2742304	.3667100	.1349403	.5732184	.2401987
#1	1969.925	20104.87	2014.148	1478.842	1792.494
#2	1977.203	19960.06	2009.966	1470.804	1801.023
#3	1980.517	20011.19	2015.059	1461.989	1795.621

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5122-12LX5 Acquired: 01/03/2025 16:16:23 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHMC9L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0254615	.0090893	1.069729	.0089212	.0124238	13.65067	.4330474
Stddev	.0039585	.0026454	.000979	.0030951	.0019861	.07413	.0032435
%RSD	15.54699	29.10414	.0915292	34.69327	15.98618	.5430703	.7490034
#1	.0251773	.0098039	1.068635	.0077082	.0126626	13.71805	.4353882
#2	.0295544	.0113040	1.070523	.0066164	.0142796	13.66271	.4293450
#3	.0216527	.0061601	1.070029	.0124391	.0103290	13.57125	.4344090

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0018898	.0014105	104.6366	.0395740	.0448459	.0964694	51.38230
Stddev	.0002328	.0001499	.3182	.0002855	.0005782	.0128490	.26595
%RSD	12.31815	10.62365	.3041156	.7215027	1.289246	13.31919	.5175892
#1	.0016353	.0015672	104.8490	.0396655	.0441867	.0905782	51.56287
#2	.0020921	.0012686	104.7901	.0398026	.0452672	.0876224	51.50713
#3	.0019419	.0013958	104.2708	.0392540	.0450837	.1112076	51.07690

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.653604	16.71371	.0482016	-.003715	.2876228	.0468345	.7388179
Stddev	.005189	.15933	.0003584	.000217	.0079613	.0009258	.0012001
%RSD	.3138236	.9532924	.7436259	5.846204	2.767978	1.976690	.1624399
#1	1.655057	16.72789	.0485405	-.003856	.2960779	.0477705	.7387557
#2	1.657913	16.86548	.0478264	-.003465	.2802701	.0468136	.7400479
#3	1.647843	16.54777	.0482381	-.003824	.2865204	.0459193	.7376501

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.138939	3.144479	-.098219	.0065334	.8852194	1.119391	.0365952
Stddev	.124558	.008425	.001838	.0009513	.0038530	.007824	.0010146
%RSD	5.823345	.2679268	1.871267	14.56026	.4352621	.6989901	2.772424
#1	2.272760	3.148593	-.097424	.0057402	.8808744	1.128097	.0354560
#2	2.117675	3.150056	-.096913	.0075881	.8882203	1.112947	.0369280
#3	2.026382	3.134787	-.100321	.0062718	.8865635	1.117130	.0374015

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5122-12LX5 Acquired: 01/03/2025 16:16:23 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHMC9L Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.2621690	.2142539	.0184680
Stddev	.0038165	.0011213	.0044915
%RSD	1.455739	.5233459	24.32061
#1	.2609527	.2154886	.0173948
#2	.2664454	.2139741	.0146103
#3	.2591089	.2132990	.0233990

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1869.861	18849.80	1865.376	1395.658	1952.606
Stddev	2.354	82.88	.718	11.979	2.650
%RSD	.1259135	.4396846	.0384928	.8582935	.1356974
#1	1872.167	18926.78	1864.787	1404.833	1955.134
#2	1867.461	18762.07	1865.165	1382.106	1949.849
#3	1869.954	18860.56	1866.176	1400.035	1952.836

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5122-14 Acquired: 01/03/2025 16:20:15 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHMC9S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2257025	.0585696	5.288775	.2483200	.2242464	62.30712
Stddev	.0048077	.0046311	.011717	.0111964	.0049593	.51944
%RSD	2.130092	7.906982	.2215429	4.508869	2.211519	.8336692
#1	.2302941	.0626258	5.275590	.2515668	.2245356	62.14380
#2	.2261089	.0595594	5.292742	.2358590	.2191489	61.88896
#3	.2207045	.0535237	5.297994	.2575342	.2290547	62.88858

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.605947	.1006564	.1086739	462.1904	.5606071	1.152395
Stddev	.031783	.0013491	.0003229	2.6537	.0007658	.000739
%RSD	.5669528	1.340295	.2971138	.5741549	.1365988	.0641676
#1	5.597983	.1012740	.1086296	462.3058	.5600057	1.152179
#2	5.578903	.0991091	.1090166	459.4810	.5614691	1.153218
#3	5.640955	.1015862	.1083754	464.7846	.5603463	1.151788

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8474973	227.8062	8.122889	72.87613	1.285074	.0551353
Stddev	.0100668	1.4329	.064753	.66894	.000744	.0008896
%RSD	1.187826	.6289841	.7971618	.9179092	.0578673	1.613389
#1	.8365507	227.2379	8.101403	72.69017	1.285324	.0557559
#2	.8495837	226.7446	8.071611	72.31984	1.285661	.0555338
#3	.8563573	229.4360	8.195654	73.61836	1.284238	.0541161

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.369503	1.209007	4.055035	10.63685	F 15.92179	-.405598
Stddev	.019082	.021870	.020433	.05948	.02498	.010341
%RSD	1.393365	1.808920	.5038853	.5591477	.1568785	2.549488
#1	1.354862	1.184940	4.078585	10.57772	15.90022	-.409635
#2	1.362563	1.214417	4.044504	10.63614	15.94916	-.393848
#3	1.391084	1.227664	4.042016	10.69667	15.91601	-.413311

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5122-14 Acquired: 01/03/2025 16:20:15 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHMC9S Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0114068	4.483749	4.840767	.2229679	1.196553	.9542190
Stddev	.0013781	.012354	.074993	.0022664	.012751	.0068577
%RSD	12.08100	.2755354	1.549205	1.016474	1.065659	.7186676
#1	.0105010	4.485930	4.866082	.2218526	1.197591	.9509693
#2	.0129927	4.494867	4.756392	.2255758	1.183314	.9495902
#3	.0107268	4.470449	4.899827	.2214753	1.208753	.9620974

Elem	Li6707
Units	ppm
Avg	.1001332
Stddev	.0023563
%RSD	2.353130
#1	.0975349
#2	.1021312
#3	.1007336

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1959.090	19961.72	2008.749	1464.287	1790.835
Stddev	6.913	122.24	23.696	4.741	8.445
%RSD	.3528837	.6123629	1.179631	.3237850	.4715583
#1	1967.071	20094.31	2013.612	1463.882	1800.186
#2	1954.929	19853.50	2029.636	1459.762	1783.765
#3	1955.272	19937.36	1982.999	1469.218	1788.553

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5124-19 Acquired: 01/03/2025 16:24:00 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHM88 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1275737	-.015387	.8223771	.0465710	.0247583	50.96020	.6613770
Stddev	.0066180	.001350	.0029993	.0037280	.0009506	.35057	.0056403
%RSD	5.187610	8.772697	.3647138	8.004920	3.839696	.6879228	.8528166
#1	.1300717	-.013831	.8246086	.0427887	.0242562	50.67965	.6555387
#2	.1200702	-.016238	.8189676	.0466821	.0258547	51.35319	.6667960
#3	.1325791	-.016092	.8235552	.0502422	.0241639	50.84775	.6617963

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0076738	.0024068	77.70113	.0749920	.0774819	.1632869	112.0587
Stddev	.0000208	.0000940	.68671	.0010101	.0004818	.0017986	.7715
%RSD	.2716484	3.903749	.8837812	1.346958	.6218399	1.101501	.6884914
#1	.0076614	.0023041	76.96194	.0749711	.0772224	.1621596	111.2920
#2	.0076978	.0024280	78.31925	.0760124	.0771854	.1653612	112.8349
#3	.0076620	.0024884	77.82222	.0739925	.0780378	.1623401	112.0493

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.181316	23.37849	.1324190	-.008463	.8286789	.1471519	.5455679
Stddev	.012338	.16407	.0004485	.001461	.0177906	.0061398	.0011283
%RSD	.5656058	.7017835	.3386680	17.26138	2.146868	4.172453	.2068080
#1	2.176010	23.24174	.1319256	-.010133	.8267277	.1541393	.5442803
#2	2.195419	23.56041	.1328018	-.007419	.8119443	.1426190	.5460399
#3	2.172518	23.33332	.1325295	-.007838	.8473647	.1446975	.5463835

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.863531	4.553555	-.149872	.0136662	5.014756	4.447660	.0277837
Stddev	.109406	.018857	.002874	.0008871	.018732	.015279	.0007296
%RSD	2.831771	.4141210	1.917564	6.491130	.3735410	.3435228	2.625886
#1	3.981282	4.570277	-.152147	.0127255	5.031430	4.431157	.0269591
#2	3.765022	4.557271	-.146642	.0144876	5.018351	4.461312	.0283455
#3	3.844288	4.533116	-.150826	.0137855	4.994487	4.450512	.0280464

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5124-19 Acquired: 01/03/2025 16:24:00 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHM88 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	1.366111	.3170817	.0561006
Stddev	.010435	.0021741	.0018118
%RSD	.7638308	.6856510	3.229518
#1	1.354317	.3156622	.0540421
#2	1.374144	.3195846	.0574530
#3	1.369871	.3159983	.0568066

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1957.744	19942.89	1938.454	1466.962	1964.332
Stddev	6.210	13.21	8.299	3.790	7.525
%RSD	.3172223	.0662154	.4281143	.2583744	.3830900
#1	1951.330	19958.13	1948.008	1468.781	1957.442
#2	1958.176	19934.68	1934.312	1469.499	1963.193
#3	1963.728	19935.88	1933.042	1462.605	1972.362

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5124-20 Acquired: 01/03/2025 16:27:50 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHM88D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1294643	-.015113	.8156356	.0500239	.0256168	50.49896	.6675897
Stddev	.0019355	.002335	.0124927	.0052276	.0012635	.73421	.0048311
%RSD	1.494992	15.44843	1.531651	10.45017	4.932161	1.453916	.7236685
#1	.1276180	-.016343	.8265328	.0455545	.0249679	51.34600	.6731678
#2	.1292967	-.012420	.8183728	.0487449	.0248097	50.10633	.6648539
#3	.1314781	-.016575	.8020013	.0557723	.0270729	50.04454	.6647473

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0076381	.0024528	78.16085	.0757576	.0767553	.1618961	112.5700
Stddev	.0003175	.0001000	.70061	.0018856	.0011622	.0011338	1.2324
%RSD	4.156777	4.075888	.8963700	2.489008	1.514187	.7003419	1.094749
#1	.0079902	.0023925	78.91282	.0763021	.0775482	.1630720	113.9929
#2	.0075505	.0023977	78.04326	.0736596	.0772966	.1618065	111.8758
#3	.0073736	.0025682	77.52648	.0773110	.0754212	.1608097	111.8414

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.202150	23.64110	.1301621	-.009927	.8116349	.1396807	.5492754
Stddev	.032039	.44368	.0029825	.000505	.0138393	.0121331	.0016269
%RSD	1.454912	1.876735	2.291369	5.084720	1.705111	8.686304	.2961963
#1	2.239070	24.09437	.1323620	-.009361	.8271166	.1284229	.5484128
#2	2.185742	23.20767	.1313567	-.010089	.8004643	.1525317	.5482614
#3	2.181638	23.62125	.1267674	-.010331	.8073238	.1380874	.5511520

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.003605	4.509174	-.148982	.0139264	4.984778	3.947713	.0288375
Stddev	.131472	.081330	.005081	.0000738	.077614	.083801	.0018743
%RSD	3.283844	1.803647	3.410794	.5298682	1.557029	2.122772	6.499342
#1	3.934820	4.583172	-.154647	.0140115	5.053895	4.042337	.0308263
#2	4.155200	4.522253	-.147474	.0138812	4.999628	3.917934	.0285824
#3	3.920795	4.422098	-.144826	.0138864	4.900812	3.882869	.0271039

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5124-20 Acquired: 01/03/2025 16:27:50 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHM88D Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	1.360146	.3135446	.0558136
Stddev	.010150	.0038727	.0035130
%RSD	.7462295	1.235124	6.294219
#1	1.371463	.3178678	.0548686
#2	1.351848	.3123729	.0597024
#3	1.357126	.3103931	.0528697

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1973.088	19766.44	1933.998	1455.044	1983.437
Stddev	26.372	233.34	38.318	10.790	31.379
%RSD	1.336571	1.180510	1.981266	.7415798	1.582075
#1	1954.396	19744.45	1889.777	1456.640	1958.760
#2	1961.615	20010.00	1954.829	1464.948	1972.797
#3	2003.253	19544.86	1957.388	1443.545	2018.753

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5124-19LX5 Acquired: 01/03/2025 16:31:39 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHM88L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0292041	-.000432	.1674061	.0095046	.0056101	11.05697	.1375619
Stddev	.0032306	.004864	.0017362	.0037844	.0027734	.12249	.0039061
%RSD	11.06205	1127.002	1.037151	39.81683	49.43527	1.107831	2.839517
#1	.0264938	-.000474	.1685946	.0126620	.0032148	10.99735	.1360742
#2	.0283395	.004453	.1682102	.0053096	.0086485	10.97570	.1346182
#3	.0327790	-.005274	.1654136	.0105422	.0049671	11.19786	.1419932

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0016572	.0005363	16.63958	.0160110	.0203600	.0285810	24.07469
Stddev	.0000843	.0000397	.09664	.0004653	.0001417	.0128915	.15829
%RSD	5.089457	7.404420	.5807607	2.905891	.6959002	45.10511	.6575018
#1	.0015606	.0005640	16.57621	.0165375	.0204551	.0163874	23.97829
#2	.0017162	.0005542	16.59173	.0158404	.0204277	.0272834	23.98841
#3	.0016948	.0004908	16.75081	.0156552	.0201971	.0420723	24.25738

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4821863	4.979722	.0249516	-.002776	.1390406	.0163263	.1213551
Stddev	.0025796	.078329	.0009011	.000723	.0090159	.0095304	.0014622
%RSD	.5349768	1.572956	3.611174	26.06326	6.484385	58.37492	1.204863
#1	.4837040	4.933412	.0239297	-.003559	.1406474	.0077991	.1230237
#2	.4792078	4.935595	.0252933	-.002132	.1293293	.0266144	.1207439
#3	.4836470	5.070160	.0256318	-.002638	.1471451	.0145654	.1202978

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8586359	.9164689	-.037984	.0028610	1.029915	.8383818	-.004039
Stddev	.0989856	.0022138	.001748	.0009650	.004249	.0023266	.001001
%RSD	11.52823	.2415591	4.602846	33.73022	.4125963	.2775064	24.77737
#1	.8021867	.9180174	-.039035	.0032796	1.034790	.8401645	-.002892
#2	.8007894	.9139332	-.038951	.0017573	1.027955	.8357500	-.004734
#3	.9729317	.9174560	-.035965	.0035460	1.026999	.8392310	-.004491

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5124-19LX5 Acquired: 01/03/2025 16:31:39 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHM88L Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.2844816	.0675971	.0034612
Stddev	.0042557	.0000958	.0062784
%RSD	1.495954	.1417229	181.3935
#1	.2879174	.0675465	.0050503
#2	.2858064	.0677076	.0087922
#3	.2797211	.0675372	-.003459

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1861.783	18810.28	1836.658	1391.592	2014.769
Stddev	4.236	29.99	12.717	7.283	2.361
%RSD	.2275387	.1594156	.6923797	.5233396	.1172065
#1	1857.569	18779.57	1828.016	1383.235	2012.219
#2	1866.041	18839.49	1851.260	1396.581	2016.880
#3	1861.738	18811.78	1830.698	1394.961	2015.207

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: CCV102 Acquired: 01/03/2025 16:35:34 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV102 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.994153	4.911105	25.20507	4.964343	4.986097	430.7424	10.64493
Stddev	.015535	.093244	.48023	.089871	.096156	29.5869	.73682
%RSD	.3110553	1.898640	1.905291	1.810329	1.928491	6.868824	6.921808
#1	4.999229	4.950185	25.44752	5.019164	5.032830	464.9049	11.49574
#2	4.976716	4.804680	24.65195	4.860625	4.875506	413.3797	10.22047
#3	5.006515	4.978450	25.51575	5.013240	5.049954	413.9425	10.21858

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5381285	2.528364	429.5984	15.71158	2.550076	16.12516	434.9805
Stddev	.0328731	.046362	28.9539	.15299	.046607	1.09553	30.9062
%RSD	6.108792	1.833658	6.739756	.9737164	1.827685	6.793927	7.105185
#1	.5760868	2.550262	463.0306	15.79728	2.573885	17.39007	470.6660
#2	.5190025	2.475109	413.0878	15.80252	2.496373	15.50659	417.4570
#3	.5192963	2.559720	412.6768	15.53496	2.579970	15.47882	416.8185

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.19783	432.5752	2.547521	1.261874	438.1283	2.715885	15.02010
Stddev	1.08440	28.6924	.049644	.011608	26.8781	.188219	.19676
%RSD	6.694751	6.632922	1.948722	.9199232	6.134748	6.930312	1.309948
#1	17.44999	465.7055	2.573033	1.272081	469.1052	2.933199	15.13316
#2	15.57177	416.2215	2.490308	1.264295	420.9811	2.609931	15.13423
#3	15.57173	415.7988	2.579222	1.249246	424.2985	2.604524	14.79291

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	161.9358	5.019769	4.736280	4.970384	5.050722	5.342269	5.103131
Stddev	10.5360	.086299	.293057	.094552	.084314	.327740	.109539
%RSD	6.506294	1.719192	6.187487	1.902310	1.669337	6.134852	2.146497
#1	174.0986	5.054062	5.074634	5.012042	5.085368	5.720707	5.158565
#2	156.0965	4.921594	4.562688	4.862156	4.954605	5.154445	4.976956
#3	155.6124	5.083651	4.571516	5.036954	5.112193	5.151655	5.173871

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: CCV102 Acquired: 01/03/2025 16:35:34 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV102 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	5.414866	5.144183	5.226932
Stddev	.373663	.348326	.350762
%RSD	6.900696	6.771265	6.710668
#1	5.846335	5.546362	5.631957
#2	5.198679	4.938594	5.024735
#3	5.199584	4.947593	5.024104

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1506.715	16474.80	1616.255	1128.850	1621.278
Stddev	24.996	140.64	96.004	13.856	27.439
%RSD	1.658975	.8536687	5.939911	1.227448	1.692414
#1	1494.275	16374.83	1505.431	1117.841	1606.200
#2	1535.490	16413.95	1673.995	1124.301	1652.950
#3	1490.380	16635.61	1669.337	1144.409	1604.685

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: CCB102 Acquired: 01/03/2025 16:39:20 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB102 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0024687	-.000355	.0020604	.0031786	.0008036	.0141827	.0000363
Stddev	.0015213	.004616	.0024719	.0054018	.0005355	.0143146	.0016264
%RSD	61.62280	1298.892	119.9694	169.9414	66.64122	100.9299	4476.626
#1	.0010676	-.005537	.0034222	.0014712	.0009784	.0119995	.0008716
#2	.0022517	.001155	-.000793	-.001163	.0012300	.0294635	-.001838
#3	.0040869	.003316	.003552	.009228	.0002025	.0010851	.001075

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000126	.0000010	-.029284	.0004051	-.000255	-.018763	.0429332
Stddev	.000140	.0000889	.011066	.0003197	.000729	.001452	.0212716
%RSD	111.7055	9126.207	37.78787	78.90990	285.5325	7.740741	49.54574
#1	-.000234	-.000066	-.032232	.0006587	-.000903	-.018368	.0231462
#2	.000033	-.000033	-.017042	.0005105	-.000397	-.017548	.0402237
#3	-.000176	.000102	-.038576	.0000460	.000534	-.020371	.0654297

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0015745	-.077752	-.001292	-.000370	.2095810	.0026332	.0005936
Stddev	.0018269	.023984	.000401	.000871	.0119367	.0048188	.0003542
%RSD	116.0304	30.84684	31.07783	235.3350	5.695490	182.9987	59.66920
#1	.0031990	-.102747	-.001135	-.001366	.2196774	-.002580	.0002411
#2	-.000403	-.075582	-.000992	.000253	.1964069	.003557	.0005902
#3	.001928	-.054927	-.001748	.000002	.2126587	.006924	.0009495

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3064272	-.002003	.0095845	.0003636	-.010377	-.001272	.0026869
Stddev	.1789997	.001695	.0023123	.0009715	.001188	.001031	.0006753
%RSD	58.41507	84.60926	24.12579	267.1656	11.44595	81.03350	25.13441
#1	.1026725	-.003843	.0080466	.0003316	-.010394	-.001081	.0034495
#2	.3782399	-.000505	.0084632	-.000591	-.009181	-.002384	.0021646
#3	.4383692	-.001662	.0122437	.001351	-.011556	-.000350	.0024465

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: CCB102 Acquired: 01/03/2025 16:39:20 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB102 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	-.007499	-.000012	.0106013
Stddev	.007713	.000328	.0070208
%RSD	102.8613	2747.379	66.22602
#1	-.011285	-.000361	.0085442
#2	-.012587	.000036	.0184209
#3	.001376	.000289	.0048388

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1813.330	18409.39	1819.596	1364.961	1994.697
Stddev	41.697	1264.05	155.159	91.485	51.958
%RSD	2.299498	6.866312	8.527138	6.702401	2.604812
#1	1834.502	17659.68	1802.017	1308.365	2021.608
#2	1840.195	17699.68	1982.797	1316.010	2027.679
#3	1765.295	19868.80	1673.975	1470.506	1934.803

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5124-21 Acquired: 01/03/2025 16:43:21 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHM88S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2185707	.0704294	.8635321	.2111891	.1955820	53.12841	4.500260
Stddev	.0056135	.0033558	.0010989	.0042389	.0044918	.27330	.036971
%RSD	2.568269	4.764800	.1272546	2.007142	2.296607	.5144067	.8215336
#1	.2122322	.0681757	.8635655	.2109878	.1940179	53.22980	4.528663
#2	.2229141	.0688263	.8624168	.2155251	.2006467	52.81891	4.458457
#3	.2205659	.0742861	.8646138	.2070545	.1920814	53.33652	4.513658

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1051740	.1021329	76.60250	.4878536	1.096615	.6198705	112.1456
Stddev	.0015116	.0004896	.51844	.0012742	.002157	.0037712	.4266
%RSD	1.437242	.4793756	.6767865	.2611886	.1966969	.6083810	.3803977
#1	.1068491	.1015771	76.93455	.4883070	1.095383	.6241706	112.3551
#2	.1039116	.1025004	76.00510	.4888392	1.095357	.6183148	111.6547
#3	.1047613	.1023213	76.86785	.4864148	1.099106	.6171260	112.4269

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.172084	22.91252	1.175425	.0637476	.9265707	1.121172	1.426391
Stddev	.022059	.07258	.003571	.0010630	.0230778	.009492	.005251
%RSD	.6953968	.3167698	.3037949	1.667548	2.490663	.8465883	.3681224
#1	3.187280	22.97327	1.172249	.0648937	.9340230	1.132104	1.428343
#2	3.146783	22.83215	1.174736	.0627939	.9006876	1.116384	1.430387
#3	3.182189	22.93214	1.179291	.0635552	.9450015	1.115027	1.420444

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.750180	4.522912	-.151952	.0134826	5.158767	3.952560	.0309630
Stddev	.104739	.010953	.005724	.0003595	.009260	.044639	.0005978
%RSD	2.792909	.2421751	3.767062	2.666672	.1794991	1.129370	1.930658
#1	3.863102	4.513134	-.158522	.0132831	5.149007	4.000403	.0308933
#2	3.731226	4.520854	-.148045	.0138976	5.167429	3.912027	.0304032
#3	3.656212	4.534749	-.149288	.0132670	5.159866	3.945251	.0315927

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5124-21 Acquired: 01/03/2025 16:43:21 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHM88S Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	1.350472	.3090611	.0559445
Stddev	.005331	.0016385	.0048338
%RSD	.3947530	.5301689	8.640266
#1	1.354456	.3101569	.0552993
#2	1.344416	.3071774	.0514658
#3	1.352545	.3098488	.0610685

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1992.538	20245.67	1986.573	1493.725	1996.592
Stddev	6.850	29.16	17.727	6.567	8.481
%RSD	.3437672	.1440431	.8923609	.4396517	.4247937
#1	2000.433	20276.67	1967.949	1496.282	2006.355
#2	1989.011	20218.78	2003.242	1486.264	1992.375
#3	1988.172	20241.57	1988.528	1498.629	1991.045

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5121-10 Acquired: 01/03/2025 16:47:07 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHM51 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2259108	-.021126	5.426590	.0795013	.0489107	68.78903
Stddev	.0025066	.004258	.006137	.0085311	.0040024	3.47458
%RSD	1.109536	20.15685	.1130861	10.73084	8.183135	5.051067
#1	.2272383	-.023393	5.419634	.0844635	.0526135	70.63570
#2	.2230197	-.023771	5.428896	.0843900	.0494543	70.95033
#3	.2274745	-.016214	5.431240	.0696505	.0446642	64.78104

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.560964	.0111385	.0207243	361.7533	.2023920	.1452458
Stddev	.138428	.0005419	.0003629	18.4266	.0075815	.0001388
%RSD	5.405309	4.864873	1.750973	5.093693	3.745969	.0955711
#1	2.634125	.0114421	.0204057	371.1732	.2056538	.1450870
#2	2.647459	.0114606	.0206479	373.5657	.1937255	.1453062
#3	2.401306	.0105129	.0211193	340.5210	.2077968	.1453442

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8307642	196.8731	8.343589	109.4870	.2265343	-.011602
Stddev	.0466531	9.7207	.418101	5.4411	.0015082	.001595
%RSD	5.615684	4.937532	5.011046	4.969588	.6657764	13.75137
#1	.8563091	201.7492	8.552571	112.4275	.2259647	-.010508
#2	.8590663	203.1906	8.615998	112.8251	.2282444	-.010865
#3	.7769174	185.6795	7.862198	103.2084	.2253939	-.013433

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.892301	.2016814	4.491024	9.180954	F 20.39511	-.335437
Stddev	.073965	.0141533	.199102	.511017	.05449	.011035
%RSD	3.908722	7.017638	4.433339	5.566056	.2671727	3.289863
#1	1.951056	.1978040	4.599195	9.415748	20.39080	-.345453
#2	1.916606	.2173693	4.261252	9.532377	20.34289	-.337251
#3	1.809242	.1898710	4.612626	8.594737	20.45162	-.323607

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5121-10 Acquired: 01/03/2025 16:47:07 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHM51 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0133474	6.058144	2.322607	.3533493	.9767044	.6555342
Stddev	.0010780	.016588	.093992	.0023045	.0529309	.0337133
%RSD	8.076673	.2738147	4.046831	.6522017	5.419342	5.142876
#1	.0144082	6.058283	2.386391	.3514046	1.005890	.6741631
#2	.0133811	6.041487	2.366763	.3558947	1.008618	.6758223
#3	.0122529	6.074663	2.214668	.3527485	.915605	.6166172

Elem	Li6707
Units	ppm
Avg	.0936146
Stddev	.0057139
%RSD	6.103676
#1	.1000337
#2	.0917264
#3	.0890838

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2078.425	20789.62	2163.066	1527.736	1795.147
Stddev	3.091	627.36	94.034	56.255	5.438
%RSD	.1487406	3.017674	4.347246	3.682231	.3029298
#1	2081.992	20466.97	2112.482	1499.576	1800.924
#2	2076.513	21512.64	2105.151	1592.510	1794.388
#3	2076.771	20389.24	2271.564	1491.121	1790.128

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5121-11 Acquired: 01/03/2025 16:50:53 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHM51D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2348535	-.027532	5.444673	.0916506	.0508692	72.17525
Stddev	.0038395	.006091	.008834	.0053357	.0019394	.17288
%RSD	1.634847	22.12502	.1622457	5.821797	3.812534	.2395234
#1	.2387876	-.026878	5.435671	.0923817	.0514456	71.97914
#2	.2346567	-.033924	5.453328	.0859870	.0487069	72.30559
#3	.2311162	-.021794	5.445019	.0965830	.0524550	72.24102

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.666435	.0116126	.0206615	374.8200	.1977010	.1479943
Stddev	.006441	.0003197	.0002318	.6304	.0006195	.0006555
%RSD	.2415595	2.753375	1.121748	.1681944	.3133568	.4429211
#1	2.667738	.0119789	.0204819	374.7554	.1980898	.1476366
#2	2.672124	.0113897	.0209232	375.4802	.1969866	.1487508
#3	2.659441	.0114692	.0205795	374.2243	.1980266	.1475955

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8570118	204.8576	8.656233	113.8747	.2250543	-.009392
Stddev	.0073863	.2356	.045174	.5592	.0007305	.002028
%RSD	.8618690	.1149970	.5218650	.4910408	.3245886	21.59083
#1	.8498805	204.8593	8.609308	113.2327	.2257465	-.011723
#2	.8646291	205.0923	8.699424	114.1363	.2242907	-.008422
#3	.8565259	204.6211	8.659967	114.2552	.2251257	-.008032

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.949608	.2007523	4.412034	9.881640	F 20.56079	-.329944
Stddev	.010652	.0017361	.017701	.099955	.01533	.002831
%RSD	.5463514	.8648057	.4011957	1.011526	.0745788	.8578815
#1	1.957952	.1987752	4.401408	9.781212	20.54313	-.331979
#2	1.937610	.2014543	4.402226	9.981116	20.57073	-.326711
#3	1.953261	.2020276	4.432468	9.882592	20.56852	-.331141

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5121-11 Acquired: 01/03/2025 16:50:53 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHM51D Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0135527	6.055050	3.336233	.3567708	1.044014	.6798026
Stddev	.0004085	.016435	.017679	.0030933	.001043	.0011959
%RSD	3.014404	.2714301	.5299069	.8670120	.0998843	.1759150
#1	.0131627	6.055238	3.356637	.3538358	1.042849	.6784255
#2	.0135178	6.038521	3.326580	.3600011	1.044861	.6805785
#3	.0139776	6.071390	3.325482	.3564756	1.044332	.6804040

Elem	Li6707
Units	ppm
Avg	.0952221
Stddev	.0051446
%RSD	5.402775
#1	.0911246
#2	.0935459
#3	.1009958

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2046.045	20832.04	2082.172	1527.670	1769.948
Stddev	3.661	81.37	10.763	4.056	2.093
%RSD	.1789476	.3906017	.5169042	.2654964	.1182789
#1	2050.256	20880.70	2076.801	1531.985	1772.279
#2	2043.618	20738.11	2075.152	1523.936	1768.229
#3	2044.261	20877.32	2094.563	1527.089	1769.335

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5121-10LX5 Acquired: 01/03/2025 16:54:39 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHM51L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0429317	.0080274	1.094677	.0053422	.0104952	16.50043	.6121922
Stddev	.0039181	.0017833	.004241	.0038015	.0015848	.08619	.0019021
%RSD	9.126314	22.21502	.3874652	71.15877	15.10003	.5223780	.3107034
#1	.0447655	.0093926	1.099355	.0095208	.0121751	16.41079	.6101569
#2	.0384330	.0060098	1.093590	.0020885	.0090268	16.58271	.6139247
#3	.0455966	.0086800	1.091084	.0044174	.0102838	16.50779	.6124951

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0027352	.0039581	86.84740	.0461915	.0473772	.1984238	47.61124
Stddev	.0000404	.0000537	.32438	.0000852	.0005122	.0047426	.33759
%RSD	1.476827	1.356183	.3735037	.1844578	1.081141	2.390123	.7090640
#1	.0027215	.0039446	86.49071	.0461191	.0468141	.1995412	47.25915
#2	.0027807	.0040172	87.12474	.0461701	.0478153	.2025079	47.64238
#3	.0027035	.0039124	86.92676	.0462854	.0475024	.1932223	47.93218

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.020921	26.79761	.0410738	-.001429	.4204053	.0379140	1.029678
Stddev	.002412	.06194	.0004177	.002777	.0141220	.0079678	.003858
%RSD	.1193494	.2311301	1.016908	194.3841	3.359142	21.01542	.3746606
#1	2.021425	26.77850	.0415194	.001564	.4366955	.0292934	1.029620
#2	2.023041	26.74749	.0406912	-.003924	.4116267	.0394405	1.033564
#3	2.018297	26.86685	.0410108	-.001926	.4128935	.0450081	1.025849

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.069104	4.029356	-.079701	.0077721	1.166596	.6660578	.0610774
Stddev	.083677	.012393	.001452	.0005815	.002063	.0023909	.0011357
%RSD	4.044102	.3075571	1.821968	7.481711	.1768079	.3589571	1.859457
#1	1.982401	4.035187	-.080571	.0083974	1.165174	.6650039	.0616147
#2	2.075525	4.015124	-.080508	.0076714	1.165651	.6643749	.0618448
#3	2.149385	4.037758	-.078025	.0072476	1.168961	.6687945	.0597728

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5121-10LX5 Acquired: 01/03/2025 16:54:39 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHM51L Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.2236137	.1545820	.0165801
Stddev	.0041717	.0010430	.0050537
%RSD	1.865571	.6746879	30.48035
#1	.2213512	.1534620	.0171323
#2	.2210621	.1555254	.0213351
#3	.2284279	.1547585	.0112731

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1869.759	19068.71	1867.802	1398.797	1928.622
Stddev	5.601	34.54	2.774	7.350	4.001
%RSD	.2995378	.1811600	.1485072	.5254436	.2074570
#1	1863.951	19056.65	1870.274	1398.441	1927.307
#2	1870.198	19041.82	1864.802	1391.632	1925.445
#3	1875.127	19107.67	1868.329	1406.319	1933.115

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5121-12 Acquired: 01/03/2025 16:58:31 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHM51S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2578024	.0189172	5.354648	.1522191	.1257476	70.58309
Stddev	.0021437	.0028056	.009280	.0181137	.0072897	6.20018
%RSD	.8315190	14.83120	.1732993	11.89978	5.797098	8.784223
#1	.2553297	.0217567	5.344149	.1365065	.1175707	63.79555
#2	.2589406	.0161467	5.358047	.1720313	.1281060	75.94896
#3	.2591369	.0188483	5.361750	.1481194	.1315662	72.00477

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.259229	.0543164	.0708877	358.6252	.3793165	.6551936
Stddev	.379669	.0037900	.0005017	31.6654	.0024109	.0002023
%RSD	8.914028	6.977614	.7077153	8.829652	.6356047	.0308806
#1	3.834140	.0501422	.0713703	323.4590	.3817521	.6553620
#2	4.564633	.0575420	.0703689	384.8800	.3769310	.6552497
#3	4.378915	.0552650	.0709238	367.5367	.3792663	.6549692

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.025192	196.7610	8.702977	108.8742	.7363027	.0205258
Stddev	.093952	17.0772	.728566	9.0501	.0007219	.0023568
%RSD	9.164285	8.679183	8.371460	8.312415	.0980391	11.48197
#1	.922202	178.0360	7.905839	98.9278	.7371297	.0181991
#2	1.106210	211.4774	9.334434	116.6233	.7357988	.0204669
#3	1.047164	200.7695	8.868659	111.0716	.7359797	.0229115

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.827490	.6367857	4.714001	9.210280	F 20.12442	-.315935
Stddev	.144595	.0603766	.015170	.862165	.02037	.018876
%RSD	7.912248	9.481467	.3218043	9.360900	.1012163	5.974676
#1	1.673066	.5744688	4.729126	8.242933	20.11731	-.295732
#2	1.959682	.6950142	4.698786	9.897690	20.10856	-.333121
#3	1.849721	.6408740	4.714090	9.490216	20.14739	-.318951

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5121-12 Acquired: 01/03/2025 16:58:31 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHM51S Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0133248	5.953559	3.509681	.3465365	1.012958	.6503074
Stddev	.0008074	.013117	.254990	.0028362	.083011	.0546780
%RSD	6.059625	.2203179	7.265333	.8184333	8.194931	8.408017
#1	.0141139	5.967480	3.234241	.3433679	.923515	.5897806
#2	.0125002	5.941431	3.737509	.3474040	1.087527	.6961290
#3	.0133604	5.951765	3.557294	.3488377	1.027833	.6650126

Elem	Li6707
Units	ppm
Avg	.0926336
Stddev	.0071518
%RSD	7.720518
#1	.0844094
#2	.0973937
#3	.0960977

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2079.907	21157.70	2166.495	1553.642	1804.296
Stddev	1.608	81.13	160.159	1.871	2.670
%RSD	.0773099	.3834409	7.392527	.1204253	.1479963
#1	2081.137	21098.03	2342.257	1551.524	1805.542
#2	2080.496	21125.00	2028.799	1554.335	1806.116
#3	2078.088	21250.07	2128.428	1555.068	1801.230

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5129-01 Acquired: 01/03/2025 17:02:16 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHM3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2067818	-.021723	2.477436	.1010640	.0402424	73.03287
Stddev	.0051210	.002532	.003628	.0060086	.0029168	.71139
%RSD	2.476519	11.65356	.1464595	5.945357	7.248179	.9740691
#1	.2126302	-.020260	2.473291	.0948105	.0385153	72.25438
#2	.2046132	-.020263	2.478986	.1067935	.0386019	73.64914
#3	.2031019	-.024646	2.480033	.1015881	.0436102	73.19509

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.556481	.0074468	.0077648	64.88475	.1459104	.1406207
Stddev	.000945	.0001527	.0000744	.27759	.0014224	.0008546
%RSD	.0606968	2.050525	.9586539	.4278246	.9748556	.6077089
#1	1.555858	.0076133	.0077823	64.56449	.1466135	.1402487
#2	1.556017	.0074140	.0076832	65.05628	.1442733	.1400152
#3	1.557568	.0073132	.0078289	65.03350	.1468443	.1415982

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4705045	182.1103	18.35639	20.19064	.2294052	-.007827
Stddev	.0113043	1.6705	.12090	.10995	.0011465	.000629
%RSD	2.402593	.9172867	.6586064	.5445372	.4997577	8.032207
#1	.4579571	180.2699	18.22026	20.06371	.2285846	-.007413
#2	.4798943	183.5305	18.45123	20.25194	.2307152	-.007518
#3	.4736620	182.5306	18.39768	20.25628	.2289159	-.008551

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4805770	.2024793	1.557745	10.58642	F 11.89032	-.353850
Stddev	.0182291	.0136667	.006306	.08214	.01837	.002526
%RSD	3.793177	6.749665	.4048120	.7759426	.1544900	.7137613
#1	.4728285	.2145417	1.551217	10.51326	11.88250	-.351076
#2	.5014004	.1876361	1.558215	10.67528	11.87716	-.356017
#3	.4675022	.2052601	1.563803	10.57072	11.91131	-.354458

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5129-01 Acquired: 01/03/2025 17:02:16 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHM3 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0135518	3.554672	6.395010	.1798272	.7954750	.0830995
Stddev	.0006600	.012767	.027035	.0012540	.0033522	.0006050
%RSD	4.870202	.3591591	.4227522	.6973377	.4214082	.7280156
#1	.0129365	3.560429	6.364597	.1812446	.7931801	.0826737
#2	.0134699	3.540040	6.416313	.1788618	.7939229	.0837920
#3	.0142489	3.563546	6.404121	.1793753	.7993219	.0828327

Elem	Li6707
Units	ppm
Avg	.0875440
Stddev	.0020184
%RSD	2.305615
#1	.0855632
#2	.0874706
#3	.0895981

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2234.582	22591.17	2209.899	1668.696	1960.912
Stddev	3.312	6.23	12.903	7.264	1.471
%RSD	.1482286	.0275767	.5838827	.4352856	.0750028
#1	2233.484	22597.98	2224.764	1674.661	1960.033
#2	2238.304	22589.79	2201.589	1670.820	1962.610
#3	2231.958	22585.75	2203.344	1660.607	1960.093

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5129-02 Acquired: 01/03/2025 17:06:05 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHM3D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2171708	-.023226	2.503187	.1060940	.0394748	73.50490
Stddev	.0042523	.003632	.006179	.0055673	.0015211	.08869
%RSD	1.958061	15.63563	.2468440	5.247500	3.853252	.1206537
#1	.2143231	-.024603	2.507427	.1051803	.0384065	73.42960
#2	.2151305	-.025968	2.496098	.1010400	.0388016	73.48244
#3	.2220588	-.019108	2.506037	.1120616	.0412163	73.60265

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.576165	.0076216	.0078612	65.42717	.1463914	.1419123
Stddev	.004332	.0000803	.0001026	.12593	.0003459	.0005320
%RSD	.2748156	1.053612	1.305121	.1924778	.2362934	.3748680
#1	1.580950	.0076251	.0079781	65.46265	.1460061	.1413330
#2	1.575034	.0077001	.0077861	65.53156	.1466752	.1420252
#3	1.572511	.0075397	.0078195	65.28730	.1464930	.1423789

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4451368	183.9344	18.51651	20.34829	.2268708	-.006966
Stddev	.0096066	.4739	.01641	.06942	.0013921	.000567
%RSD	2.158116	.2576290	.0886284	.3411791	.6135905	8.143304
#1	.4369104	183.5615	18.50468	20.27026	.2284153	-.007533
#2	.4428056	183.7742	18.53524	20.37139	.2257129	-.006398
#3	.4556945	184.4677	18.50961	20.40322	.2264843	-.006968

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4909229	.1937687	1.564705	10.89786	F 11.96570	-.359367
Stddev	.0310642	.0158887	.001909	.13734	.03901	.003999
%RSD	6.327723	8.199811	.1220276	1.260202	.3260358	1.112901
#1	.5175625	.1781161	1.566166	11.05117	12.00933	-.363984
#2	.4568008	.2098834	1.562544	10.78610	11.95359	-.356999
#3	.4984055	.1933068	1.565405	10.85631	11.93418	-.357117

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5129-02 Acquired: 01/03/2025 17:06:05 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHM3D Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0136978	3.602119	6.113576	.1805406	.7972153	.0837474
Stddev	.0008629	.009140	.012135	.0016947	.0025161	.0003076
%RSD	6.299732	.2537514	.1984934	.9386989	.3156106	.3672497
#1	.0129156	3.591668	6.122552	.1821085	.7946541	.0840959
#2	.0146234	3.606071	6.099770	.1807708	.7973081	.0836320
#3	.0135543	3.608619	6.118407	.1787426	.7996837	.0835141

Elem	Li6707
Units	ppm
Avg	.0889670
Stddev	.0025200
%RSD	2.832546
#1	.0886602
#2	.0916264
#3	.0866145

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2243.065	22602.69	2208.851	1671.658	1965.505
Stddev	7.099	106.45	12.871	9.310	6.375
%RSD	.3164961	.4709672	.5827180	.5569345	.3243536
#1	2239.876	22616.63	2205.215	1669.007	1958.579
#2	2238.119	22701.49	2223.149	1682.006	1966.811
#3	2251.199	22489.96	2198.189	1663.961	1971.127

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5129-01LX5 Acquired: 01/03/2025 17:09:53 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHM3L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0510018	-.005754	.5124853	.0227362	.0119040	17.21796	.3692890
Stddev	.0027158	.002358	.0012801	.0083360	.0023110	.66633	.0186290
%RSD	5.324864	40.97442	.2497778	36.66392	19.41362	3.869971	5.044552
#1	.0518905	-.003221	.5139064	.0201598	.0100389	16.48730	.3485349
#2	.0531618	-.007885	.5121265	.0320562	.0111838	17.79210	.3845641
#3	.0479530	-.006157	.5114229	.0159925	.0144894	17.37447	.3747679

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0018187	.0015052	15.32405	.0346506	.0331730	.0968623	42.79950
Stddev	.0002971	.0000742	.58621	.0008277	.0004046	.0117979	1.64939
%RSD	16.33855	4.929038	3.825395	2.388739	1.219680	12.18002	3.853755
#1	.0014863	.0015570	14.67152	.0351911	.0333034	.0832836	40.97552
#2	.0020586	.0014202	15.80615	.0350630	.0334963	.1027010	44.18615
#3	.0019111	.0015385	15.49449	.0336977	.0327193	.1046023	43.23683

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.410690	4.806048	.0428724	-.002739	.1097522	.0448167	.3772986
Stddev	.180145	.259102	.0005258	.000619	.0256200	.0147377	.0032265
%RSD	4.084273	5.391167	1.226460	22.58291	23.34355	32.88427	.8551629
#1	4.212280	4.574846	.0424983	-.002479	.1187875	.0346687	.3778084
#2	4.563999	5.086097	.0426453	-.002293	.1296304	.0617213	.3802399
#3	4.455790	4.757203	.0434736	-.003445	.0808386	.0380601	.3738475

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.380857	2.449006	-.090192	.0035407	.7223709	1.256541	.0260238
Stddev	.240211	.004791	.001520	.0002448	.0043221	.031582	.0010285
%RSD	10.08928	.1956261	1.685560	6.914202	.5983179	2.513432	3.952191
#1	2.129988	2.450526	-.090082	.0033010	.7266052	1.220950	.0260548
#2	2.608762	2.443639	-.088729	.0037903	.7225416	1.281222	.0249801
#3	2.403819	2.452852	-.091764	.0035307	.7179661	1.267450	.0270364

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5129-01LX5 Acquired: 01/03/2025 17:09:53 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHM3L Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.1800644	.0196327	.0135727
Stddev	.0130201	.0005889	.0041449
%RSD	7.230775	2.999707	30.53825
#1	.1705655	.0191628	.0090450
#2	.1949059	.0202933	.0144930
#3	.1747218	.0194419	.0171800

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1934.792	19466.65	1939.723	1439.109	2022.187
Stddev	3.380	55.64	54.848	8.385	1.621
%RSD	.1746919	.2858416	2.827627	.5826338	.0801686
#1	1935.992	19507.20	2000.736	1443.084	2021.039
#2	1930.976	19403.21	1894.506	1429.476	2021.479
#3	1937.408	19489.54	1923.927	1444.766	2024.041

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5129-03 Acquired: 01/03/2025 17:13:47 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHM3S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2886061	.0666810	2.523663	.2463711	.1859096	74.62382
Stddev	.0044990	.0014621	.005761	.0049563	.0040312	.04843
%RSD	1.558887	2.192713	.2282887	2.011728	2.168365	.0648967
#1	.2915788	.0683018	2.529593	.2439272	.1847622	74.57541
#2	.2908093	.0654612	2.518087	.2431113	.1825765	74.62379
#3	.2834300	.0662800	2.523307	.2520747	.1903901	74.67227

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.923652	.0919958	.1064728	64.78221	.5010712	1.144728
Stddev	.011596	.0003004	.0000729	.18147	.0014871	.001182
%RSD	.2355092	.3264993	.0684346	.2801229	.2967746	.1032145
#1	4.921186	.0916494	.1065117	64.58295	.5024123	1.144260
#2	4.936282	.0921538	.1065181	64.93800	.5013294	1.146072
#3	4.913487	.0921841	.1063888	64.82569	.4994720	1.143852

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8190124	180.9577	19.02810	19.75665	1.248141	.0548837
Stddev	.0105237	.3553	.01092	.07852	.000943	.0008482
%RSD	1.284929	.1963184	.0573794	.3974181	.0755471	1.545419
#1	.8300319	180.5660	19.03673	19.66654	1.249219	.0557415
#2	.8090668	181.2590	19.03173	19.79308	1.247735	.0540454
#3	.8179387	181.0483	19.01582	19.81034	1.247469	.0548643

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4683050	1.048025	2.301537	10.61278	F 11.88398	-.366625
Stddev	.0105952	.005697	.005349	.26884	.00509	.003934
%RSD	2.262458	.5435986	.2324184	2.533145	.0428652	1.072963
#1	.4651491	1.054275	2.301677	10.90368	11.88008	-.363300
#2	.4596464	1.043123	2.306816	10.37348	11.88974	-.365609
#3	.4801196	1.046676	2.296120	10.56117	11.88211	-.370968

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5129-03 Acquired: 01/03/2025 17:13:47 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHM3S Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0131982	3.572290	5.233597	.1827650	.7730051	.0810976
Stddev	.0003552	.009930	.008314	.0023518	.0015921	.0006633
%RSD	2.691613	.2779612	.1588611	1.286781	.2059566	.8179514
#1	.0128084	3.562623	5.224006	.1825735	.7739914	.0813464
#2	.0132824	3.582463	5.238021	.1805148	.7711684	.0803458
#3	.0135037	3.571784	5.238763	.1852067	.7738554	.0816006

Elem	Li6707
Units	ppm
Avg	.0880194
Stddev	.0040991
%RSD	4.657017
#1	.0882129
#2	.0920183
#3	.0838270

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2259.864	22856.19	2248.113	1692.245	1985.153
Stddev	3.342	71.55	1.224	6.764	1.557
%RSD	.1478951	.3130623	.0544457	.3997039	.0784225
#1	2262.753	22795.40	2247.545	1685.118	1986.565
#2	2260.636	22838.13	2247.277	1693.044	1983.484
#3	2256.204	22935.05	2249.518	1698.575	1985.409

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5352-04 Acquired: 01/03/2025 17:17:33 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) 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	.1049796	-.040517	.2284254	.1038064	.0548673	113.7168	1.093979
Stddev	.0044007	.004887	.0011218	.0015477	.0027425	.4024	.002750
%RSD	4.191986	12.06267	.4910981	1.490989	4.998402	.3538983	.2514011
#1	.1093630	-.037593	.2283230	.1055928	.0537146	113.2853	1.091622
#2	.1050141	-.046160	.2273583	.1029597	.0528894	114.0820	1.093315
#3	.1005617	-.037799	.2295949	.1028668	.0579981	113.7831	1.097001

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0099405	.0028858	454.1085	.2182331	.1877527	.1860150	262.0546
Stddev	.0000789	.0000761	1.2987	.0002183	.0007710	.0066893	.1699
%RSD	.7941568	2.636013	.2859827	.1000408	.4106534	3.596089	.0648451
#1	.0098494	.0028036	454.3593	.2183268	.1877505	.1906655	261.9630
#2	.0099900	.0029001	455.2635	.2183889	.1885249	.1890307	262.2507
#3	.0099820	.0029537	452.7027	.2179835	.1869828	.1783488	261.9502

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.267445	194.8857	.4069150	-.018920	1.465904	.2887592	.5567540
Stddev	.009715	.6914	.0012743	.000787	.011881	.0058695	.0039941
%RSD	.1844321	.3547914	.3131560	4.160391	.8104895	2.032644	.7173976
#1	5.259751	194.1280	.4066946	-.018943	1.452251	.2853836	.5521856
#2	5.278362	195.4825	.4057653	-.018121	1.473897	.2853573	.5584900
#3	5.264221	195.0464	.4082851	-.019695	1.471564	.2955366	.5595864

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	20.57733	5.197994	-.486740	.0189090	6.878853	7.287725	.0230590
Stddev	.11824	.010732	.004983	.0015498	.018766	.053762	.0022904
%RSD	.5746342	.2064717	1.023805	8.195958	.2728044	.7377080	9.932863
#1	20.45711	5.203581	-.484545	.0172372	6.876583	7.253878	.0252535
#2	20.69350	5.185621	-.492444	.0191920	6.861325	7.349717	.0232401
#3	20.58138	5.204781	-.483231	.0202977	6.898651	7.259581	.0206834

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5352-04 Acquired: 01/03/2025 17:17:33 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) 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	1.803053	.3393797	.2737322
Stddev	.004845	.0010412	.0015813
%RSD	.2687153	.3067832	.5776693
#1	1.799777	.3384514	.2723020
#2	1.808619	.3405055	.2734642
#3	1.800764	.3391822	.2754303

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1896.743	19303.84	1947.072	1416.603	1735.357
Stddev	4.713	61.33	9.235	8.617	4.721
%RSD	.2484783	.3177218	.4743023	.6083158	.2720460
#1	1899.533	19259.75	1955.119	1421.810	1737.976
#2	1899.393	19373.88	1936.989	1421.342	1738.188
#3	1891.301	19277.89	1949.108	1406.656	1729.907

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5352-05 Acquired: 01/03/2025 17:21:20 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) 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	.1185248	-.038151	.2252767	.1101182	.0514579	113.5114	1.079071
Stddev	.0020958	.004140	.0024870	.0088730	.0007902	.7540	.001353
%RSD	1.768222	10.85268	1.103976	8.057674	1.535644	.6642919	.1253560
#1	.1206236	-.039096	.2271442	.1085903	.0522801	112.6432	1.077903
#2	.1164320	-.033619	.2262322	.1021084	.0507041	113.8880	1.078756
#3	.1185187	-.041737	.2224536	.1196559	.0513894	114.0030	1.080553

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0099830	.0024170	449.1126	.2144697	.1874991	.1886440	260.3365
Stddev	.0001733	.0001310	1.5667	.0014117	.0005868	.0132697	1.6213
%RSD	1.736358	5.419211	.3488328	.6582077	.3129761	7.034268	.6227772
#1	.0101541	.0025139	447.9296	.2134664	.1881766	.1746679	259.1042
#2	.0098075	.0024691	448.5189	.2160840	.1871705	.2010715	259.7321
#3	.0099876	.0022680	450.8894	.2138588	.1871501	.1901924	262.1732

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.226277	194.9510	.4002402	-.019224	1.507321	.2973294	.5490313
Stddev	.028028	.9639	.0020050	.001236	.015381	.0038499	.0040798
%RSD	.5362858	.4944170	.5009393	6.426895	1.020405	1.294840	.7430856
#1	5.196679	193.9475	.4023945	-.020075	1.494996	.2931336	.5505405
#2	5.229740	195.0358	.3984289	-.019792	1.524558	.3006994	.5444119
#3	5.252413	195.8696	.3998972	-.017807	1.502410	.2981552	.5521414

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	20.18776	5.148758	-.472415	.0180069	6.730161	7.336611	.0221762
Stddev	.12274	.005786	.003540	.0015986	.024819	.019401	.0034818
%RSD	.6079693	.1123791	.7494414	8.877798	.3687707	.2644390	15.70057
#1	20.30115	5.155041	-.474742	.0197643	6.741714	7.335550	.0221105
#2	20.05744	5.143649	-.474162	.0176174	6.747097	7.356520	.0187278
#3	20.20471	5.147583	-.468340	.0166390	6.701671	7.317762	.0256904

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5352-05 Acquired: 01/03/2025 17:21:20 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) 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	1.799938	.3330946	.2686204
Stddev	.006193	.0018352	.0043725
%RSD	.3440649	.5509445	1.627755
#1	1.794240	.3311121	.2636926
#2	1.799045	.3347341	.2701324
#3	1.806529	.3334375	.2720363

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1893.571	19278.71	1918.579	1405.005	1736.680
Stddev	3.753	31.72	5.748	6.691	3.464
%RSD	.1982034	.1645456	.2996023	.4762171	.1994883
#1	1891.751	19256.37	1918.870	1402.872	1734.125
#2	1891.075	19264.74	1912.691	1412.502	1735.291
#3	1897.887	19315.02	1924.177	1399.641	1740.623

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5352-04LX5 Acquired: 01/03/2025 17:25:07 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) 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	.0229395	.0081570	.0500880	.0143330	.0109674	24.60624	.2337851
Stddev	.0043072	.0055004	.0046516	.0033167	.0009809	.07998	.0028725
%RSD	18.77631	67.43188	9.286950	23.14056	8.944057	.3250311	1.228685
#1	.0187266	.0023419	.0461393	.0126949	.0098514	24.54129	.2319538
#2	.0227567	.0132766	.0552157	.0181500	.0116930	24.69557	.2370957
#3	.0273351	.0088524	.0489088	.0121539	.0113579	24.58185	.2323058

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0023279	.0004594	99.96582	.0482580	.0561069	.0343068	57.70256
Stddev	.0001598	.0000935	.48752	.0006167	.0003593	.0113496	.10126
%RSD	6.862838	20.35834	.4876879	1.278011	.6403914	33.08280	.1754815
#1	.0021541	.0005615	99.40288	.0478126	.0558866	.0350775	57.62427
#2	.0024684	.0003780	100.2480	.0479995	.0565215	.0225914	57.81691
#3	.0023612	.0004387	100.2466	.0489619	.0559125	.0452514	57.66651

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.166481	43.78782	.0778904	-.004942	.3089513	.0554838	.1197802
Stddev	.003961	.09450	.0009385	.000586	.0245474	.0019739	.0010134
%RSD	.3395769	.2158122	1.204841	11.85017	7.945410	3.557654	.8460274
#1	1.170860	43.83987	.0783664	-.005202	.3335116	.0536163	.1206486
#2	1.165435	43.67874	.0768093	-.005353	.2844168	.0552858	.1186668
#3	1.163148	43.84485	.0784954	-.004272	.3089255	.0575493	.1200251

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.959568	1.008460	-.108591	.0085868	1.306896	1.640670	-.003327
Stddev	.221636	.006225	.003811	.0006178	.005397	.009137	.002831
%RSD	5.597474	.6173059	3.509491	7.194755	.4129994	.5569175	85.08814
#1	3.864841	1.014308	-.104930	.0092761	1.305964	1.635360	-.001926
#2	3.801037	1.009155	-.108308	.0080830	1.302026	1.635429	-.001470
#3	4.212826	1.001916	-.112536	.0084012	1.312699	1.651220	-.006586

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5352-04LX5 Acquired: 01/03/2025 17:25:07 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) 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	.3842274	.0715953	.0530603
Stddev	.0049947	.0004222	.0014111
%RSD	1.299930	.5897348	2.659451
#1	.3840559	.0714335	.0537757
#2	.3893056	.0712779	.0514348
#3	.3793206	.0720745	.0539706

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1827.673	18814.72	1818.837	1376.555	1909.181
Stddev	5.583	133.21	3.170	7.108	4.604
%RSD	.3054734	.7079831	.1742830	.5163927	.2411368
#1	1823.447	18750.90	1816.569	1374.676	1903.938
#2	1834.002	18725.43	1817.483	1370.575	1911.040
#3	1825.570	18967.82	1822.459	1384.414	1912.564

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5352-06 Acquired: 01/03/2025 17:29:02 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) 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	.1876753	.0475614	.2717656	.2607693	.2170891	114.9167	4.731751
Stddev	.0041518	.0015034	.0070563	.0054288	.0043055	1.2279	.015158
%RSD	2.212245	3.161016	2.596457	2.081844	1.983293	1.068496	.3203541
#1	.1839962	.0492858	.2736684	.2641019	.2140018	115.2478	4.728397
#2	.1868528	.0468722	.2639531	.2545050	.2220075	113.5572	4.718551
#3	.1921768	.0465261	.2776754	.2637011	.2152580	115.9451	4.748306

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1036939	.1023742	444.8214	.5987192	1.189699	.6093512	257.4923
Stddev	.0006272	.0001574	1.9660	.0020023	.003023	.0195560	2.2110
%RSD	.6048841	.1537107	.4419859	.3344256	.2540823	3.209315	.8586636
#1	.1043920	.1024895	445.1388	.5978810	1.191501	.6224671	258.2795
#2	.1031779	.1021950	442.7160	.5972723	1.186209	.5868742	254.9954
#3	.1035117	.1024383	446.6095	.6010044	1.191386	.6187124	259.2020

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.050786	191.6667	1.414273	.0472630	1.483915	1.247169	1.372256
Stddev	.031086	1.4405	.003451	.0015452	.018471	.011046	.006280
%RSD	.5137467	.7515645	.2439969	3.269458	1.244721	.8857057	.4576305
#1	6.070877	191.6644	1.413233	.0481150	1.505238	1.234766	1.374468
#2	6.014980	190.2273	1.411462	.0454793	1.473653	1.250793	1.377131
#3	6.066501	193.1083	1.418124	.0481947	1.472854	1.255948	1.365170

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	20.15686	5.099332	-.471683	.0186982	6.701435	7.664247	.0234671
Stddev	.32249	.004126	.003663	.0004955	.010372	.075953	.0011242
%RSD	1.599881	.0809049	.7765283	2.650255	.1547668	.9910063	4.790553
#1	20.23150	5.099828	-.474779	.0190214	6.712933	7.743832	.0227400
#2	19.80360	5.094981	-.467640	.0181277	6.698588	7.592539	.0247620
#3	20.43548	5.103188	-.472631	.0189454	6.692785	7.656370	.0228994

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5352-06 Acquired: 01/03/2025 17:29:02 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) 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	1.762726	.3275378	.2697460
Stddev	.007147	.0015725	.0040048
%RSD	.4054685	.4800893	1.484651
#1	1.765102	.3284157	.2661875
#2	1.754693	.3257224	.2689678
#3	1.768383	.3284753	.2740828

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1895.720	19489.76	1933.499	1424.875	1743.849
Stddev	3.948	73.99	18.475	.482	3.288
%RSD	.2082799	.3796380	.9555255	.0338033	.1885500
#1	1898.275	19520.59	1916.263	1425.075	1744.465
#2	1897.712	19543.36	1953.004	1424.326	1746.786
#3	1891.172	19405.34	1931.230	1425.225	1740.297

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5201-19 Acquired: 01/03/2025 17:32:47 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHNE7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1215165	-.064532	.3902523	.1612852	.0623705	114.1381	.7807668
Stddev	.0054757	.003183	.0014324	.0022210	.0047639	.4488	.0039063
%RSD	4.506113	4.932661	.3670540	1.377070	7.638019	.3932361	.5003167
#1	.1267587	-.067983	.3905247	.1591772	.0575637	113.6553	.7766510
#2	.1158339	-.063901	.3915289	.1636042	.0670902	114.2164	.7812265
#3	.1219569	-.061711	.3887032	.1610742	.0624574	114.5426	.7844229

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0097450	.0033955	30.92068	.1459693	.1601862	.1959893	289.8834
Stddev	.0001891	.0001354	.21744	.0010278	.0003282	.0040731	1.1970
%RSD	1.940637	3.986316	.7032336	.7041042	.2048765	2.078217	.4129406
#1	.0097722	.0035473	30.70252	.1452368	.1602210	.1956159	288.5023
#2	.0099191	.0033517	30.92213	.1455270	.1598420	.2002363	290.6220
#3	.0095438	.0032874	31.13740	.1471442	.1604956	.1921158	290.5260

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.49034	34.47786	.2179814	-.020647	.5404967	.2820685	.3041500
Stddev	.09496	.22882	.0011329	.000717	.0106971	.0104173	.0031330
%RSD	.5758528	.6636850	.5197343	3.473710	1.979115	3.693185	1.030083
#1	16.38100	34.22555	.2189977	-.021423	.5300301	.2897182	.3017381
#2	16.53783	34.53607	.2167599	-.020509	.5514102	.2702042	.3030209
#3	16.55218	34.67196	.2181868	-.020009	.5400500	.2862830	.3076911

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.651851	3.784781	-.634306	.0079886	.5692978	4.183095	.0188750
Stddev	.178183	.006122	.003805	.0007337	.0017249	.003298	.0009211
%RSD	2.328626	.1617635	.5999113	9.184503	.3029812	.0788508	4.879884
#1	7.464722	3.781724	-.633338	.0071436	.5673084	4.186895	.0197756
#2	7.671348	3.780789	-.631078	.0084635	.5702089	4.181423	.0179347
#3	7.819484	3.791830	-.638502	.0083588	.5703761	4.180967	.0189146

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5201-19 Acquired: 01/03/2025 17:32:47 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHNE7 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	1.296761	-.175873	.1124533
Stddev	.012476	.000507	.0025738
%RSD	.9621214	.2884261	2.288820
#1	1.290837	-.175396	.1100654
#2	1.288350	-.176406	.1151796
#3	1.311096	-.175818	.1121148

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2307.641	23259.80	2275.337	1713.373	1859.110
Stddev	6.715	79.36	5.403	11.660	5.612
%RSD	.2910114	.3411812	.2374750	.6805053	.3018541
#1	2300.880	23259.11	2272.048	1717.796	1853.934
#2	2314.309	23339.50	2281.573	1722.175	1865.074
#3	2307.733	23180.79	2272.389	1700.150	1858.320

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5201-20 Acquired: 01/03/2025 17:36:35 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHNE7D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1208771	-.062018	.3908096	.1657343	.0650118	114.3817	.7810871
Stddev	.0008349	.004327	.0013799	.0083190	.0034479	.3427	.0053496
%RSD	.6906844	6.976758	.3530872	5.019479	5.303547	.2996528	.6848963
#1	.1211368	-.062697	.3902498	.1635630	.0644996	114.5780	.7821811
#2	.1199433	-.057392	.3897977	.1749236	.0618486	113.9859	.7752751
#3	.1215513	-.065966	.3923815	.1587162	.0686872	114.5811	.7858053

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0099948	.0034761	31.09744	.1463425	.1605570	.1853026	290.8678
Stddev	.0001710	.0000814	.16397	.0001792	.0001585	.0076931	1.0494
%RSD	1.710610	2.342465	.5272848	.1224594	.0987266	4.151617	.3607968
#1	.0098117	.0035682	31.14604	.1461357	.1605339	.1789570	291.7849
#2	.0100225	.0034138	30.91466	.1464387	.1604113	.1938590	289.7233
#3	.0101503	.0034462	31.23162	.1464531	.1607258	.1830918	291.0953

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.52937	34.36290	.2206981	-.020808	.5316026	.2747463	.3094816
Stddev	.02892	.10741	.0012749	.000905	.0071706	.0159914	.0009101
%RSD	.1749528	.3125842	.5776524	4.350795	1.348856	5.820434	.2940822
#1	16.52614	34.33334	.2219407	-.020653	.5388999	.2875890	.3084313
#2	16.50220	34.27337	.2193932	-.021781	.5313419	.2798152	.3100385
#3	16.55977	34.48200	.2207605	-.019990	.5245659	.2568348	.3099749

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.589540	3.788160	-.633870	.0078204	.5729120	4.192512	.0200753
Stddev	.061733	.012838	.006873	.0003005	.0037041	.022787	.0018550
%RSD	.8134011	.3389036	1.084242	3.842878	.6465366	.5435262	9.240299
#1	7.635185	3.799933	-.635592	.0076170	.5724417	4.203589	.0215636
#2	7.614136	3.774472	-.626300	.0076787	.5768288	4.166304	.0206654
#3	7.519300	3.790074	-.639718	.0081656	.5694655	4.207643	.0179971

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5201-20 Acquired: 01/03/2025 17:36:35 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHNE7D Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	1.306015	-.176882	.1115108
Stddev	.008463	.000597	.0006991
%RSD	.6479722	.3374153	.6269209
#1	1.315726	-.177192	.1115903
#2	1.300219	-.176194	.1121667
#3	1.302099	-.177260	.1107753

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2320.263	23455.19	2297.087	1730.857	1866.674
Stddev	6.900	96.13	18.450	9.880	4.515
%RSD	.2973840	.4098514	.8031829	.5707950	.2419002
#1	2324.827	23350.06	2279.236	1719.642	1864.622
#2	2323.637	23538.60	2316.082	1738.274	1871.851
#3	2312.325	23476.92	2295.942	1734.656	1863.549

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5201-19LX5 Acquired: 01/03/2025 17:40:23 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHNE7L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0276208	-.017129	.0756398	.0368179	.0180164	28.46327	.1903659
Stddev	.0054918	.002256	.0030476	.0041167	.0037118	.27328	.0025489
%RSD	19.88287	13.16762	4.029067	11.18125	20.60239	.9601212	1.338941
#1	.0326793	-.016779	.0768481	.0409984	.0218151	28.60845	.1932978
#2	.0284035	-.019539	.0778980	.0366871	.0178359	28.14803	.1891225
#3	.0217796	-.015069	.0721734	.0327682	.0143981	28.63332	.1886772

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0023357	.0005002	7.664636	.0365784	.0337040	.0484677	71.77631
Stddev	.0001807	.0000345	.085438	.0010314	.0001757	.0026556	.22884
%RSD	7.734583	6.895267	1.114700	2.819732	.5213960	5.479012	.3188282
#1	.0025167	.0005265	7.681218	.0356866	.0335022	.0499152	71.93091
#2	.0023351	.0004612	7.572123	.0363407	.0338232	.0454029	71.51342
#3	.0021553	.0005130	7.740567	.0377079	.0337866	.0500850	71.88459

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.140622	8.579557	.0435355	-.006326	.1014505	.0538848	.0777686
Stddev	.022460	.110389	.0006449	.001311	.0175884	.0048683	.0008890
%RSD	.5424360	1.286655	1.481228	20.72746	17.33692	9.034619	1.143081
#1	4.150748	8.608491	.0438249	-.005984	.1217558	.0533530	.0778512
#2	4.114882	8.457582	.0439848	-.005219	.0909460	.0589971	.0786133
#3	4.156237	8.672598	.0427966	-.007774	.0916497	.0493042	.0768412

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.975687	.7523062	-.162663	.0013784	.0996046	1.165037	-.007884
Stddev	.227334	.0002607	.002131	.0008277	.0024032	.005615	.001047
%RSD	11.50657	.0346485	1.310175	60.04857	2.412748	.4819990	13.27664
#1	2.236218	.7520052	-.164559	.0008468	.0995330	1.168161	-.007218
#2	1.817615	.7524619	-.160356	.0023321	.1020427	1.168395	-.007343
#3	1.873227	.7524513	-.163073	.0009564	.0972379	1.158554	-.009090

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5201-19LX5 Acquired: 01/03/2025 17:40:23 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHNE7L Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.3160931	-.043257	.0217884
Stddev	.0012621	.000213	.0019937
%RSD	.3992699	.4926645	9.150475
#1	.3148543	-.043145	.0235096
#2	.3160477	-.043502	.0196037
#3	.3173772	-.043122	.0222518

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1927.246	19516.94	1897.446	1448.091	1963.482
Stddev	5.435	94.15	12.423	11.924	4.198
%RSD	.2819929	.4823801	.6547325	.8234501	.2137945
#1	1928.333	19415.39	1883.760	1440.412	1963.150
#2	1921.351	19534.11	1900.566	1442.032	1959.460
#3	1932.056	19601.32	1908.011	1461.828	1967.836

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5201-21 Acquired: 01/03/2025 17:44:19 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHNE7S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1969138	.0188452	.4224732	.2992461	.1996946	115.8158	3.998103
Stddev	.0058186	.0013014	.0045563	.0036156	.0027977	.4123	.013075
%RSD	2.954876	6.905690	1.078478	1.208232	1.400973	.3560035	.3270393
#1	.1926352	.0202960	.4268445	.3032903	.1966601	115.3695	3.986084
#2	.1945668	.0184589	.4228229	.2963264	.2002521	116.1825	3.996200
#3	.2035393	.0177806	.4177521	.2981216	.2021715	115.8955	4.012026

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0895171	.1044556	31.05000	.4804763	1.187754	.5767274	288.6292
Stddev	.0008273	.0003967	.16891	.0008634	.003223	.0085001	.3536
%RSD	.9241928	.3798122	.5439870	.1796880	.2713490	1.473844	.1224962
#1	.0896929	.1042543	30.93382	.4810863	1.186893	.5745499	288.2260
#2	.0886160	.1042000	30.97242	.4794884	1.185049	.5695280	288.7753
#3	.0902424	.1049127	31.24376	.4808541	1.191320	.5861045	288.8863

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.15099	34.01670	1.260434	.0386233	.5438225	1.080648	1.010942
Stddev	.04512	.19821	.004735	.0015127	.0097835	.005007	.007457
%RSD	.2630689	.5826949	.3756729	3.916451	1.799023	.4632904	.7376387
#1	17.10620	34.01572	1.259976	.0402387	.5507661	1.075837	1.002959
#2	17.15036	34.21540	1.255945	.0372404	.5326334	1.080276	1.012139
#3	17.19643	33.81898	1.265381	.0383907	.5480681	1.085830	1.017728

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.704983	3.754993	-.632836	.0080697	.5739057	4.206028	.0195837
Stddev	.333029	.013496	.010383	.0011826	.0074109	.032160	.0029829
%RSD	4.322261	.3594197	1.640726	14.65425	1.291304	.7646074	15.23155
#1	7.526063	3.753726	-.633803	.0086450	.5803133	4.199615	.0229285
#2	7.499657	3.742175	-.622003	.0067096	.5657899	4.177559	.0186234
#3	8.089230	3.769078	-.642701	.0088546	.5756139	4.240911	.0171993

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5201-21 Acquired: 01/03/2025 17:44:19 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHNE7S Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	1.293123	-.175624	.1138949
Stddev	.000849	.000231	.0012596
%RSD	.0656759	.1316664	1.105902
#1	1.292190	-.175658	.1152637
#2	1.293851	-.175378	.1127846
#3	1.293329	-.175837	.1136364

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2311.120	23574.70	2302.330	1743.715	1866.886
Stddev	4.423	77.92	9.013	10.403	4.272
%RSD	.1913866	.3305026	.3914670	.5966156	.2288143
#1	2315.506	23558.67	2304.039	1753.262	1866.872
#2	2311.194	23506.06	2310.365	1732.627	1871.165
#3	2306.661	23659.39	2292.584	1745.255	1862.621

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5212-05 Acquired: 01/03/2025 17:48:06 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHNF3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1247732	-.005326	1.853927	.0664241	.0319680	64.92132
Stddev	.0066588	.003448	.005158	.0027478	.0032692	.21883
%RSD	5.336728	64.74048	.2782046	4.136690	10.22649	.3370678
#1	.1323301	-.008260	1.859782	.0649325	.0284468	65.17290
#2	.1222235	-.006190	1.851945	.0647447	.0325501	64.81598
#3	.1197660	-.001528	1.850055	.0695951	.0349070	64.77509

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.868325	.0058107	.0056896	289.3910	.1628481	.1346455
Stddev	.006353	.0000914	.0000798	.6648	.0015802	.0006874
%RSD	.3400493	1.573266	1.403154	.2297118	.9703227	.5105379
#1	1.875586	.0058739	.0057596	290.1064	.1637151	.1353778
#2	1.865602	.0058522	.0056026	289.2742	.1610243	.1340141
#3	1.863788	.0057059	.0057065	288.7924	.1638050	.1345446

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4042896	164.5024	13.55404	41.23241	.1585661	-.007475
Stddev	.0039670	.6718	.02701	.17963	.0008111	.000808
%RSD	.9812225	.4084119	.1992449	.4356543	.5115216	10.80485
#1	.3998044	165.2408	13.58402	41.43913	.1576654	-.008285
#2	.4057261	163.9270	13.54649	41.11432	.1592388	-.006670
#3	.4073382	164.3395	13.53162	41.14377	.1587940	-.007470

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6959385	.1770379	1.100185	7.607690	F 14.65541	-.321687
Stddev	.0204865	.0108613	.001797	.149700	.01888	.002759
%RSD	2.943722	6.135024	.1633521	1.967746	.1288288	.8575687
#1	.7195280	.1725335	1.098374	7.445487	14.67256	-.324501
#2	.6826116	.1894267	1.100213	7.740539	14.65848	-.321574
#3	.6856758	.1691535	1.101968	7.637044	14.63518	-.318987

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5212-05 Acquired: 01/03/2025 17:48:06 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHNF3 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0131961	3.136351	10.88113	.0822546	.7415821	.2031343
Stddev	.0008335	.011455	.07622	.0015469	.0028801	.0011818
%RSD	6.316345	.3652333	.7004962	1.880612	.3883780	.5817742
#1	.0122587	3.133911	10.96870	.0821081	.7446968	.2035345
#2	.0134760	3.148830	10.82967	.0807862	.7410345	.2040641
#3	.0138536	3.126313	10.84503	.0838696	.7390151	.2018044

Elem	Li6707
Units	ppm
Avg	.0970067
Stddev	.0042689
%RSD	4.400631
#1	.1019338
#2	.0946689
#3	.0944173

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2210.815	22547.47	2229.836	1661.960	1859.645
Stddev	1.497	79.43	14.771	4.432	2.442
%RSD	.0677009	.3522898	.6624452	.2666793	.1313262
#1	2209.164	22526.21	2213.039	1662.752	1862.194
#2	2212.084	22635.37	2240.801	1665.942	1857.326
#3	2211.196	22480.83	2235.668	1657.185	1859.416

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5212-06 Acquired: 01/03/2025 17:51:54 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHNF3D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1298440	-.001457	1.843290	.0628317	.0364020	64.56243
Stddev	.0049436	.002793	.003403	.0054762	.0029869	.44861
%RSD	3.807326	191.7144	.1846090	8.715677	8.205425	.6948510
#1	.1253831	-.000602	1.842742	.0690457	.0330943	64.10778
#2	.1351590	.000809	1.846934	.0587106	.0372095	65.00475
#3	.1289898	-.004577	1.840195	.0607386	.0389022	64.57475

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.857570	.0058105	.0056219	287.8911	.1618723	.1338023
Stddev	.001834	.0001278	.0000385	.7335	.0003103	.0015984
%RSD	.0987180	2.199289	.6849550	.2547985	.1916785	1.194608
#1	1.856265	.0059390	.0055855	287.0863	.1619645	.1344136
#2	1.856778	.0056834	.0056178	288.5222	.1621259	.1319884
#3	1.859666	.0058090	.0056622	288.0647	.1615263	.1350048

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3934045	163.5655	13.50355	40.65194	.1565765	-.007660
Stddev	.0065264	.6219	.05582	.23356	.0013790	.000764
%RSD	1.658951	.3801942	.4133474	.5745419	.8807050	9.976055
#1	.3979907	162.8750	13.44021	40.74141	.1579244	-.007284
#2	.3962901	164.0815	13.54554	40.38686	.1551684	-.008539
#3	.3859327	163.7400	13.52490	40.82753	.1566367	-.007157

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6772811	.1699516	1.094857	7.341839	F 14.49295	-.323271
Stddev	.0115284	.0117945	.004085	.170886	.00830	.001689
%RSD	1.702158	6.939895	.3730751	2.327560	.0572409	.5225196
#1	.6668129	.1821367	1.098401	7.259140	14.50039	-.325211
#2	.6753936	.1585910	1.095779	7.538342	14.48401	-.322474
#3	.6896367	.1691271	1.090389	7.228035	14.49446	-.322128

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5212-06 Acquired: 01/03/2025 17:51:54 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHNF3D Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0127238	3.098609	10.84627	.0824215	.7385454	.2038408
Stddev	.0004276	.004924	.02867	.0015285	.0072994	.0006205
%RSD	3.360301	.1589109	.2643172	1.854482	.9883472	.3043785
#1	.0122451	3.093560	10.86901	.0813559	.7301356	.2031255
#2	.0130677	3.103397	10.85574	.0841728	.7422630	.2042334
#3	.0128587	3.098869	10.81407	.0817358	.7432376	.2041635

Elem	Li6707
Units	ppm
Avg	.0955069
Stddev	.0026574
%RSD	2.782383
#1	.0927233
#2	.0980169
#3	.0957806

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2202.545	22586.37	2236.420	1662.960	1863.261
Stddev	5.110	76.07	5.027	5.587	3.923
%RSD	.2320261	.3367855	.2247873	.3359895	.2105234
#1	2207.003	22647.01	2235.988	1666.375	1863.992
#2	2196.968	22501.02	2231.623	1656.512	1859.025
#3	2203.663	22611.09	2241.649	1665.992	1866.767

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5212-05LX5 Acquired: 01/03/2025 17:55:44 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHNF3L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0199139	.0074201	.3734713	.0076933	.0071001	15.76017	.4367206
Stddev	.0009647	.0015885	.0031123	.0061015	.0019390	.03783	.0009311
%RSD	4.844264	21.40825	.8333337	79.30902	27.30975	.2400222	.2131990
#1	.0188008	.0082852	.3757452	.0138045	.0062928	15.72950	.4357949
#2	.0204333	.0083883	.3699244	.0076739	.0056952	15.74856	.4376570
#3	.0205075	.0055868	.3747445	.0016016	.0093123	15.80244	.4367098

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0013808	.0009903	68.82187	.0383564	.0433377	.0855645	39.45007
Stddev	.0002184	.0000302	.26126	.0004333	.0002191	.0124807	.15940
%RSD	15.81831	3.050806	.3796184	1.129632	.5055980	14.58628	.4040488
#1	.0014676	.0010125	68.99965	.0383612	.0435872	.0990776	39.62863
#2	.0011323	.0009558	68.52190	.0387873	.0431766	.0831452	39.32212
#3	.0015425	.0010024	68.94405	.0379208	.0432493	.0744705	39.39947

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.286783	9.957810	.0269186	-.001276	.1462345	.0339806	.2655798
Stddev	.010239	.169449	.0005384	.001052	.0277103	.0093493	.0026343
%RSD	.3115195	1.701670	1.999999	82.46472	18.94922	27.51375	.9919081
#1	3.296756	10.13988	.0269712	-.000215	.1152900	.0379053	.2634954
#2	3.287295	9.92884	.0274288	-.002320	.1546579	.0407280	.2685406
#3	3.276298	9.80471	.0263559	-.001293	.1687558	.0233087	.2647034

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.947168	2.846730	-.082757	.0071901	.5985249	2.633463	.0057886
Stddev	.199506	.010465	.001306	.0004762	.0031889	.006422	.0015664
%RSD	10.24597	.3675986	1.578504	6.622863	.5327864	.2438658	27.05928
#1	2.176341	2.840601	-.083067	.0077386	.6022070	2.637232	.0065765
#2	1.812271	2.840775	-.083880	.0069500	.5967067	2.626048	.0039847
#3	1.852891	2.858813	-.081323	.0068818	.5966610	2.637109	.0068046

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5212-05LX5 Acquired: 01/03/2025 17:55:44 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHNF3L Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.1681173	.0475637	.0146530
Stddev	.0048807	.0001074	.0043948
%RSD	2.903173	.2257274	29.99280
#1	.1687917	.0475836	.0180641
#2	.1629344	.0476598	.0162012
#3	.1726257	.0474478	.0096935

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1888.895	19197.76	1865.590	1409.629	1948.747
Stddev	1.601	64.29	4.375	10.015	1.715
%RSD	.0847775	.3348668	.2344911	.7104399	.0879811
#1	1888.232	19197.72	1860.539	1411.971	1949.337
#2	1890.721	19133.49	1868.051	1398.651	1950.089
#3	1887.732	19262.06	1868.180	1418.265	1946.816

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: CCV103 Acquired: 01/03/2025 17:59:36 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV103 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.887965	4.870437	24.67143	4.877354	4.906258	402.2004
Stddev	.007008	.009030	.04506	.017560	.015427	3.3642
%RSD	.1433795	.1853950	.1826234	.3600269	.3144265	.8364363
#1	4.894452	4.880850	24.66080	4.857485	4.892926	404.2082
#2	4.880532	4.865702	24.63265	4.883790	4.902694	398.3166
#3	4.888910	4.864761	24.72085	4.890788	4.923155	404.0764

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.14044	.5148720	2.475023	405.2222	15.44588	2.512421
Stddev	.03466	.0026470	.002744	1.8625	.01286	.003001
%RSD	.3418484	.5141134	.1108478	.4596365	.0832269	.1194652
#1	10.17265	.5155599	2.473246	407.3470	15.45560	2.511824
#2	10.14492	.5171072	2.473640	403.8715	15.43130	2.509762
#3	10.10376	.5119489	2.478182	404.4482	15.45074	2.515675

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.25920	405.3560	15.15921	406.2900	2.507345	1.245691
Stddev	.05539	2.7756	.10949	2.4384	.002595	.002627
%RSD	.3629709	.6847198	.7222982	.6001533	.1035024	.2108912
#1	15.32281	406.9677	15.19183	408.3153	2.506760	1.248713
#2	15.22165	402.1510	15.03711	403.5835	2.505092	1.243948
#3	15.23314	406.9491	15.24869	406.9713	2.510183	1.244413

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	416.2829	2.530663	14.65352	154.3237	4.982117	F 4.464340
Stddev	1.3960	.035493	.04291	.8929	.010924	.021133
%RSD	.3353530	1.402516	.2928331	.5786000	.2192550	.4733834
#1	417.8107	2.551722	14.69546	155.2568	4.989697	4.473963
#2	415.9643	2.489684	14.65539	153.4773	4.969596	4.478950
#3	415.0738	2.550582	14.60970	154.2369	4.987058	4.440108

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: CCV103 Acquired: 01/03/2025 17:59:36 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV103 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.885210	4.916386	5.045221	4.984769	5.045768	4.799414
Stddev	.008810	.004949	.027485	.002637	.052343	.027841
%RSD	.1803370	.1006548	.5447777	.0528969	1.037361	.5800898
#1	4.876636	4.921778	5.053275	4.984937	5.089684	4.815373
#2	4.884756	4.915329	5.067779	4.982052	4.987847	4.767266
#3	4.894238	4.912052	5.014608	4.987318	5.059772	4.815603

Elem	Li6707
Units	ppm
Avg	5.003343
Stddev	.011527
%RSD	.2303909
#1	5.014514
#2	4.991490
#3	5.004024

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1502.785	16481.58	1668.904	1123.302	1619.151
Stddev	2.736	76.60	4.191	2.328	1.631
%RSD	.1820861	.4647513	.2510988	.2072624	.1007306
#1	1505.943	16456.86	1665.284	1120.881	1621.026
#2	1501.116	16567.48	1667.933	1125.524	1618.365
#3	1501.296	16420.39	1673.495	1123.502	1618.062

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: CCB103 Acquired: 01/03/2025 18:03:21 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB103 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001446	.0008454	-.000859	-.000454	.0003634	.0675623	-.001813
Stddev	.003607	.0009536	.002473	.000880	.0034178	.0121984	.000903
%RSD	249.4557	112.8046	287.8483	193.7253	940.6517	18.05509	49.81611
#1	-.002804	.0002848	-.000413	-.001424	-.002836	.0792494	-.001951
#2	.002643	.0003049	.001361	.000294	-.000038	.0549099	-.000848
#3	-.004177	.0019465	-.003525	-.000233	.003964	.0685276	-.002639

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001278	.0000637	-.062057	-.000103	-.000230	-.009377	.0166474
Stddev	.0000595	.0000631	.028278	.000724	.000152	.004040	.0123487
%RSD	46.58302	99.10036	45.56840	700.8308	66.12122	43.07809	74.17783
#1	.0001964	.0000454	-.073143	.000655	-.000302	-.012324	.0140170
#2	.0000978	.0001338	-.029915	-.000178	-.000055	-.004773	.0300994
#3	.0000893	.0000117	-.083113	-.000787	-.000332	-.011035	.0058259

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0038553	-.049318	-.000790	.0016674	.1269946	-.003371	-.000049
Stddev	.0027600	.104220	.000500	.0003930	.0134583	.016288	.000230
%RSD	71.59079	211.3214	63.23398	23.57320	10.59757	483.1333	466.2245
#1	.0012869	-.118232	-.000385	.0016962	.1414427	.001515	.000206
#2	.0067736	-.100300	-.000637	.0020452	.1247270	.009914	-.000239
#3	.0035053	.070578	-.001348	.0012607	.1148142	-.021543	-.000114

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2315351	-.000483	.0081695	.0000915	-.014449	-.001291	.0009656
Stddev	.0351435	.001758	.0015957	.0005800	.000359	.000445	.0005381
%RSD	15.17848	364.2962	19.53204	633.9658	2.481560	34.42866	55.72660
#1	.1910956	.000948	.0078242	-.000570	-.014138	-.001774	.0007088
#2	.2488306	-.002445	.0067747	.000334	-.014369	-.000900	.0006040
#3	.2546791	.000049	.0099095	.000511	-.014841	-.001200	.0015840

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: CCB103 Acquired: 01/03/2025 18:03:21 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB103 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	-.004402	-.000220	.0098201
Stddev	.005031	.000132	.0031938
%RSD	114.2907	59.83869	32.52352
#1	-.003551	-.000353	.0068889
#2	-.009805	-.000217	.0132239
#3	.000149	-.000090	.0093474

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1823.571	18527.59	1799.227	1367.276	2020.906
Stddev	5.642	61.80	9.639	12.378	6.798
%RSD	.3093708	.3335774	.5357331	.9052921	.3363893
#1	1818.581	18457.78	1803.978	1359.057	2013.350
#2	1822.440	18549.70	1805.569	1381.512	2022.842
#3	1829.693	18575.31	1788.135	1361.258	2026.526

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5212-07 Acquired: 01/03/2025 18:07:22 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHNF3S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2063269	.0812376	1.865619	.2132975	.1838416	67.99960
Stddev	.0069181	.0036812	.006639	.0035038	.0028019	.44592
%RSD	3.352986	4.531416	.3558770	1.642690	1.524076	.6557744
#1	.2141657	.0775125	1.861624	.2173241	.1835257	67.59268
#2	.2010752	.0848733	1.861950	.2116259	.1867881	67.92981
#3	.2037398	.0813269	1.873283	.2109426	.1812111	68.47630

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.174954	.0910545	.1052172	285.3221	.5161133	1.148694
Stddev	.024523	.0011042	.0003832	1.2673	.0012934	.002720
%RSD	.4738751	1.212687	.3641635	.4441714	.2506061	.2367634
#1	5.164433	.0897887	.1054106	284.6169	.5151279	1.148749
#2	5.157447	.0915544	.1047759	284.5642	.5175779	1.145948
#3	5.202982	.0918202	.1054652	286.7851	.5156339	1.151386

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7951115	165.4979	14.33721	40.79579	1.184141	.0544659
Stddev	.0048383	1.2320	.09329	.15728	.002405	.0010450
%RSD	.6085033	.7444493	.6506945	.3855332	.2030637	1.918587
#1	.7899327	164.7719	14.28283	40.61959	1.181723	.0532723
#2	.7958859	164.8014	14.28387	40.84578	1.184168	.0552161
#3	.7995158	166.9205	14.44493	40.92200	1.186532	.0549092

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7559133	1.046595	1.864239	7.439420	F 14.35527	-.312293
Stddev	.0224179	.009950	.009017	.307988	.02836	.001586
%RSD	2.965675	.9507383	.4837084	4.139948	.1975599	.5077006
#1	.7300375	1.057237	1.872803	7.107415	14.34784	-.312910
#2	.7694795	1.045025	1.854828	7.495032	14.33137	-.310491
#3	.7682229	1.037523	1.865087	7.715813	14.38661	-.313477

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5212-07 Acquired: 01/03/2025 18:07:22 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHNF3S Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0139439	3.055429	10.85094	.0796958	.7336099	.2001869
Stddev	.0003404	.014100	.08733	.0019668	.0048070	.0015273
%RSD	2.440905	.4614836	.8048559	2.467842	.6552590	.7629518
#1	.0135746	3.048008	10.76171	.0802889	.7280681	.1990714
#2	.0142450	3.046589	10.85488	.0775008	.7366535	.1995617
#3	.0140120	3.071690	10.93624	.0812978	.7361080	.2019276

Elem	Li6707
Units	ppm
Avg	.0954263
Stddev	.0013596
%RSD	1.424711
#1	.0955198
#2	.0940224
#3	.0967366

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2175.797	22212.45	2185.727	1624.886	1845.532
Stddev	4.545	49.54	15.666	8.552	6.438
%RSD	.2089001	.2230262	.7167280	.5263127	.3488347
#1	2180.882	22178.18	2201.407	1615.022	1852.022
#2	2174.384	22189.91	2185.699	1630.218	1845.427
#3	2172.127	22269.25	2170.075	1629.419	1839.148

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5126-05 Acquired: 01/03/2025 18:11:09 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHMA0S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2741325	.0647952	4.135668	.2396316	.2367651	55.30143
Stddev	.0013884	.0008954	.008249	.0072288	.0014001	.17704
%RSD	.5064821	1.381827	.1994554	3.016628	.5913555	.3201293
#1	.2742400	.0641245	4.136176	.2332721	.2351515	55.21184
#2	.2754641	.0658119	4.127176	.2381293	.2374838	55.50535
#3	.2726935	.0644491	4.143650	.2474935	.2376599	55.18709

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.159022	.1021612	.1079308	173.6868	.5701772	1.112070
Stddev	.042436	.0011560	.0001279	1.0577	.0006276	.001227
%RSD	.8225614	1.131574	.1184729	.6089923	.1100618	.1103467
#1	5.143800	.1017330	.1078376	173.6816	.5698826	1.111333
#2	5.206970	.1034703	.1078782	174.7472	.5697512	1.111391
#3	5.126297	.1012805	.1080766	172.6317	.5708979	1.113487

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.014883	186.4616	6.962534	42.79954	1.231598	.0580572
Stddev	.002711	.9301	.028065	.12305	.001322	.0011181
%RSD	.2670764	.4988114	.4030878	.2875047	.1073061	1.925807
#1	1.015529	185.6052	6.939194	42.66160	1.231080	.0589459
#2	1.017212	187.4511	6.993674	42.89804	1.230613	.0584239
#3	1.011908	186.3287	6.954736	42.83897	1.233100	.0568019

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9743547	1.158046	4.136587	6.110857	F 14.11286	-.354110
Stddev	.0042047	.019298	.012252	.275498	.03237	.007988
%RSD	.4315378	1.666469	.2961801	4.508344	.2293466	2.255873
#1	.9748299	1.142219	4.132382	5.835987	14.10548	-.355525
#2	.9783016	1.179545	4.150388	6.386980	14.08482	-.361296
#3	.9699326	1.152372	4.126992	6.109605	14.14828	-.345509

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5126-05 Acquired: 01/03/2025 18:11:09 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHMA0S Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0146442	4.325863	4.933528	.3766295	1.029449	.2454840
Stddev	.0006345	.019653	.047236	.0019414	.010033	.0009792
%RSD	4.332853	.4543132	.9574451	.5154556	.9746429	.3988972
#1	.0152916	4.318979	4.935217	.3768263	1.026696	.2453231
#2	.0140235	4.310578	4.979897	.3745972	1.040571	.2465336
#3	.0146176	4.348032	4.885471	.3784650	1.021078	.2445951

Elem	Li6707
Units	ppm
Avg	.0737289
Stddev	.0012278
%RSD	1.665300
#1	.0724434
#2	.0738536
#3	.0748895

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2001.832	20272.86	2019.389	1495.243	1921.699
Stddev	3.736	36.28	17.504	1.952	2.655
%RSD	.1866370	.1789426	.8667852	.1305267	.1381820
#1	2000.547	20231.17	2014.189	1495.959	1919.570
#2	2006.041	20297.18	2005.075	1493.035	1924.675
#3	1998.908	20290.24	2038.904	1496.736	1920.852

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5054-03A Acquired: 01/03/2025 18:14:55 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKR2A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2177228	.0299646	3.392294	.0595126	.0324916	100.3359	1.317195
Stddev	.0050855	.0033662	.007515	.0028134	.0017914	.2201	.005128
%RSD	2.335775	11.23393	.2215190	4.727419	5.513490	.2193481	.3892742
#1	.2154059	.0332437	3.383893	.0604121	.0311226	100.5615	1.319366
#2	.2142082	.0265176	3.394615	.0617662	.0345191	100.1217	1.311339
#3	.2235542	.0301326	3.398375	.0563594	.0318331	100.3245	1.320880

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0112895	.0073290	189.9613	.1536307	.1933819	1.094963	158.6513
Stddev	.0001330	.0001092	1.0191	.0021895	.0007283	.010659	.6441
%RSD	1.177945	1.489754	.5364703	1.425158	.3765948	.9734975	.4059870
#1	.0114431	.0073629	190.4522	.1533686	.1925665	1.083926	159.1058
#2	.0112149	.0072069	188.7896	.1559395	.1936114	1.095765	157.9142
#3	.0112106	.0074172	190.6420	.1515841	.1939677	1.105200	158.9339

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.898464	39.02711	.3121130	-.011513	1.705502	.2774670	4.298006
Stddev	.033955	.11361	.0004683	.001008	.027653	.0040814	.010459
%RSD	.5756548	.2910946	.1500508	8.752934	1.621375	1.470954	.2433415
#1	5.931928	38.97182	.3116423	-.011350	1.733403	.2798269	4.298398
#2	5.864039	39.15778	.3121179	-.012593	1.705000	.2727542	4.308263
#3	5.899423	38.95174	.3125789	-.010597	1.678104	.2798198	4.287356

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.52994	8.217419	-.275074	.0260986	3.991534	12.25693	.0565741
Stddev	.14847	.014025	.000913	.0003203	.011746	.07291	.0011227
%RSD	1.184932	.1706726	.3317502	1.227063	.2942852	.5948487	1.984538
#1	12.48280	8.206861	-.274514	.0257802	3.993311	12.33934	.0555550
#2	12.41077	8.212064	-.276127	.0264207	3.979000	12.23067	.0577776
#3	12.69627	8.233333	-.274581	.0260948	4.002291	12.20079	.0563897

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5054-03A Acquired: 01/03/2025 18:14:55 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKR2A Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.8703629	.3557669	.2409880
Stddev	.0091030	.0007112	.0035113
%RSD	1.045890	.1999088	1.457058
#1	.8785703	.3554292	.2385457
#2	.8719464	.3552875	.2394064
#3	.8605720	.3565841	.2450120

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2074.910	21016.47	2081.771	1548.572	1869.213
Stddev	5.890	81.02	9.264	3.141	6.651
%RSD	.2838842	.3855220	.4449878	.2028298	.3558011
#1	2081.683	20968.22	2071.139	1552.183	1874.968
#2	2072.064	20971.18	2086.070	1546.478	1870.738
#3	2070.983	21110.01	2088.104	1547.053	1861.932

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5055-10A Acquired: 01/03/2025 18:18:43 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKT3A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1347506	.0303735	1.006278	.1375116	.0332860	71.47112
Stddev	.0017374	.0033862	.001930	.0058449	.0013517	.50979
%RSD	1.289325	11.14859	.1918321	4.250497	4.060913	.7132759
#1	.1342152	.0342500	1.005944	.1390746	.0321009	71.34398
#2	.1366926	.0279928	1.004536	.1310441	.0329989	71.03693
#3	.1333439	.0288777	1.008353	.1424162	.0347582	72.03244

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.380791	.0067681	.0059307	124.1102	.1150776	.1087028
Stddev	.006372	.0001835	.0001855	.8456	.0005384	.0009001
%RSD	.4615097	2.711121	3.126935	.6812917	.4678522	.8280254
#1	1.386254	.0069548	.0061444	124.1903	.1144559	.1096922
#2	1.373790	.0067617	.0058363	123.2275	.1153867	.1079324
#3	1.382329	.0065880	.0058116	124.9129	.1153901	.1084840

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1968026	162.6816	9.988946	46.34640	.1500387	-.009810
Stddev	.0029033	1.0843	.059306	.50321	.0001465	.000563
%RSD	1.475257	.6665406	.5937166	1.085752	.0976313	5.742167
#1	.2000520	162.6144	10.00702	46.27458	.1501591	-.009810
#2	.1958923	161.6324	9.92271	45.88296	.1498756	-.010373
#3	.1944635	163.7979	10.03711	46.88166	.1500813	-.009246

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7366034	.1800392	2.243810	9.548111	F 12.32884	-.320270
Stddev	.0185376	.0093428	.008912	.032636	.01054	.000673
%RSD	2.516627	5.189318	.3971984	.3418009	.0854935	.2100852
#1	.7576589	.1885497	2.245655	9.582383	12.32413	-.320981
#2	.7294132	.1700423	2.251656	9.544546	12.32147	-.320188
#3	.7227380	.1815256	2.234120	9.517404	12.34091	-.319642

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5055-10A Acquired: 01/03/2025 18:18:43 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKT3A Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0099867	2.739370	13.39699	.0463066	.9184622	.1374144
Stddev	.0005625	.008297	.11438	.0009102	.0089663	.0010046
%RSD	5.632573	.3028762	.8537398	1.965568	.9762345	.7310588
#1	.0105944	2.745320	13.46261	.0466109	.9106459	.1381061
#2	.0094843	2.729892	13.26492	.0452833	.9164904	.1362621
#3	.0098813	2.742897	13.46343	.0470257	.9282504	.1378749

Elem	Li6707
Units	ppm
Avg	.1070597
Stddev	.0037053
%RSD	3.460933
#1	.1028742
#2	.1083840
#3	.1099208

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2166.905	22067.41	2155.835	1619.721	1886.786
Stddev	6.269	91.46	24.496	2.551	8.630
%RSD	.2892861	.4144506	1.136263	.1574724	.4574092
#1	2159.668	22006.73	2140.803	1616.898	1877.207
#2	2170.384	22172.61	2184.102	1621.859	1889.194
#3	2170.662	22022.90	2142.602	1620.405	1893.956

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5057-07A Acquired: 01/03/2025 18:22:30 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHL09A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2676900	.0086468	2.421584	.2210818	.0417537	93.74932
Stddev	.0009782	.0036743	.004446	.0021387	.0032489	.64422
%RSD	.3654073	42.49325	.1835982	.9673933	7.781086	.6871696
#1	.2669364	.0044165	2.425766	.2216949	.0381212	93.67936
#2	.2687954	.0110424	2.422073	.2228470	.0427583	93.14294
#3	.2673383	.0104816	2.416914	.2187035	.0443816	94.42566

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.488594	.0082974	.0084005	29.50822	.1761252	.1083480
Stddev	.005181	.0001869	.0000645	.02611	.0013929	.0006829
%RSD	.3480623	2.253049	.7673224	.0884923	.7908470	.6302508
#1	1.482643	.0081449	.0084477	29.53735	.1769409	.1091334
#2	1.491030	.0082413	.0083271	29.48692	.1745169	.1080148
#3	1.492108	.0085060	.0084268	29.50040	.1769177	.1078956

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4816541	191.2981	7.842377	19.11161	.1719383	-.010821
Stddev	.0038425	1.1166	.046176	.15879	.0004807	.001333
%RSD	.7977808	.5837169	.5887994	.8308332	.2795913	12.31593
#1	.4811442	190.7923	7.832593	18.94712	.1721095	-.010853
#2	.4857262	190.5239	7.801877	19.12372	.1723100	-.012138
#3	.4780920	192.5782	7.892661	19.26400	.1713954	-.009473

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5304474	.2206738	4.332801	8.212160	F 12.21451	-.407365
Stddev	.0232185	.0070866	.030561	.054322	.02972	.001182
%RSD	4.377156	3.211338	.7053501	.6614833	.2432809	.2902152
#1	.5557132	.2196536	4.329257	8.235828	12.22664	-.407034
#2	.5100474	.2282152	4.304167	8.250633	12.23624	-.406384
#3	.5255815	.2141526	4.364981	8.150020	12.18065	-.408678

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5057-07A Acquired: 01/03/2025 18:22:30 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHL09A Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0103485	1.475567	15.30265	.1468286	.8083392	-.061959
Stddev	.0006398	.006509	.07246	.0004506	.0093341	.000025
%RSD	6.182017	.4410880	.4734901	.3068747	1.154720	.0397406
#1	.0106267	1.482629	15.30035	.1472266	.8093729	-.061931
#2	.0108021	1.469810	15.23136	.1469198	.7985313	-.061970
#3	.0096168	1.474262	15.37622	.1463394	.8171134	-.061977

Elem	Li6707
Units	ppm
Avg	.0898059
Stddev	.0011327
%RSD	1.261283
#1	.0897678
#2	.0886926
#3	.0909571

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2163.162	21909.55	2131.840	1627.322	1999.753
Stddev	1.970	54.10	9.831	11.362	4.718
%RSD	.0910692	.2469079	.4611550	.6982228	.2359418
#1	2160.889	21929.91	2135.971	1634.460	1994.457
#2	2164.363	21950.50	2138.932	1633.287	2003.507
#3	2164.236	21848.22	2120.618	1614.219	2001.296

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5058-03A Acquired: 01/03/2025 18:26:19 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHL82A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0558406	.0529357	.1941714	.0227640	.0203571	40.35612	.3526558
Stddev	.0025820	.0017622	.0051255	.0090991	.0003390	.05011	.0022058
%RSD	4.623953	3.328858	2.639680	39.97156	1.665356	.1241763	.6254745
#1	.0528667	.0510412	.1964368	.0331566	.0207091	40.34526	.3505741
#2	.0571433	.0545258	.1977739	.0162299	.0203295	40.41078	.3524258
#3	.0575117	.0532401	.1883036	.0189055	.0200328	40.31234	.3549676

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0036416	.0028948	758.7136	.0609540	.1101739	.2751299	126.8830
Stddev	.0000263	.0001082	2.1484	.0011967	.0009122	.0039790	.5151
%RSD	.7226723	3.738642	.2831671	1.963300	.8279791	1.446206	.4059386
#1	.0036647	.0029859	758.4969	.0617811	.1097424	.2727138	126.6222
#2	.0036129	.0027752	760.9622	.0595817	.1095574	.2797223	127.4763
#3	.0036470	.0029235	756.6818	.0614990	.1112218	.2729537	126.5505

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.457630	214.3894	.1162354	-.008440	1.215312	.0935076	.5287077
Stddev	.054765	1.2519	.0008195	.000648	.008917	.0121607	.0016440
%RSD	.5790526	.5839202	.7050254	7.675706	.7336975	13.00508	.3109470
#1	9.457801	213.8171	.1152914	-.008650	1.217141	.1075131	.5271130
#2	9.512309	215.8251	.1167641	-.008956	1.205622	.0856281	.5286132
#3	9.402780	213.5260	.1166507	-.007713	1.223172	.0873817	.5303969

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.094332	4.572697	-.237145	.0054699	.9561302	11.01352	.0150057
Stddev	.090500	.014576	.001357	.0010389	.0030413	.02868	.0027137
%RSD	1.776476	.3187539	.5722253	18.99258	.3180849	.2604264	18.08428
#1	5.015231	4.589060	-.235580	.0043333	.9526564	10.98432	.0152876
#2	5.193022	4.561103	-.237992	.0057059	.9574209	11.04165	.0121621
#3	5.074744	4.567928	-.237863	.0063704	.9583133	11.01459	.0175674

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5058-03A Acquired: 01/03/2025 18:26:19 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHL82A Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.8009106	.6879200	.0835866
Stddev	.0035008	.0007088	.0023520
%RSD	.4371016	.1030379	2.813831
#1	.7982746	.6879984	.0840086
#2	.8048827	.6885863	.0810522
#3	.7995745	.6871752	.0856990

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1948.562	19916.07	1996.868	1448.021	1691.031
Stddev	6.280	94.07	6.220	8.886	6.396
%RSD	.3223077	.4723559	.3114856	.6136350	.3782362
#1	1941.348	19828.52	1991.712	1438.148	1683.686
#2	1952.806	19904.15	1995.116	1450.540	1695.372
#3	1951.533	20015.53	2003.776	1455.375	1694.036

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5060-01A Acquired: 01/03/2025 18:30:09 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKR8A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1365967	.0329315	2.005718	.1407345	.0344281	74.57120
Stddev	.0071820	.0037008	.002320	.0067601	.0015910	.13482
%RSD	5.257848	11.23783	.1156792	4.803446	4.621279	.1807966
#1	.1375120	.0350195	2.008002	.1400239	.0327983	74.67557
#2	.1432773	.0286585	2.003363	.1478218	.0359772	74.41898
#3	.1290010	.0351163	2.005787	.1343577	.0345087	74.61906

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.663682	.0079780	.0089288	148.6051	.1463015	.1129507
Stddev	.001214	.0001456	.0001361	.2240	.0006806	.0002429
%RSD	.0729565	1.825562	1.524369	.1507086	.4652162	.2150481
#1	1.662894	.0078266	.0090839	148.7862	.1470751	.1130307
#2	1.665080	.0081171	.0088293	148.6744	.1460345	.1126779
#3	1.663072	.0079904	.0088733	148.3547	.1457949	.1131435

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3731486	159.3898	8.116606	36.46874	.2357177	-.009459
Stddev	.0081397	.1588	.012184	.09370	.0003793	.001139
%RSD	2.181345	.0996086	.1501156	.2569287	.1609357	12.03782
#1	.3700525	159.5529	8.121463	36.36155	.2354055	-.010718
#2	.3670114	159.3807	8.102743	36.50961	.2361399	-.008502
#3	.3823820	159.2357	8.125614	36.53506	.2356077	-.009157

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7684125	.1965375	5.014765	8.867838	F 15.90228	-.302406
Stddev	.0057402	.0075744	.014263	.230857	.02919	.004434
%RSD	.7470238	3.853917	.2844245	2.603309	.1835626	1.466128
#1	.7656750	.1973076	5.006616	9.092376	15.92556	-.305060
#2	.7750090	.1886075	5.006444	8.879997	15.86953	-.304869
#3	.7645534	.2036974	5.031234	8.631142	15.91175	-.297287

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5060-01A Acquired: 01/03/2025 18:30:09 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKR8A Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0131389	4.340601	14.72138	.0920475	.8184801	.2018342
Stddev	.0008639	.005891	.06508	.0008472	.0080306	.0010498
%RSD	6.575326	.1357094	.4421091	.9203835	.9811557	.5201147
#1	.0141295	4.343282	14.78490	.0918105	.8218982	.2024055
#2	.0127451	4.333846	14.72441	.0913441	.8093060	.2006227
#3	.0125420	4.344674	14.65483	.0929880	.8242361	.2024744

Elem	Li6707
Units	ppm
Avg	.1242403
Stddev	.0006500
%RSD	.5231476
#1	.1234927
#2	.1245572
#3	.1246711

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2185.326	22323.37	2195.461	1644.984	1955.870
Stddev	5.412	31.17	7.275	6.681	6.799
%RSD	.2476518	.1396331	.3313794	.4061656	.3476174
#1	2191.575	22356.70	2191.568	1652.623	1963.352
#2	2182.203	22318.47	2190.960	1642.099	1954.187
#3	2182.199	22294.94	2203.854	1640.229	1950.070

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5062-06A Acquired: 01/03/2025 18:33:56 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHL02A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1275949	.0132576	.5589661	.0874636	.0356921	72.20383	.6557968
Stddev	.0024034	.0019814	.0027995	.0027085	.0057972	.43728	.0034674
%RSD	1.883583	14.94529	.5008310	3.096762	16.24215	.6056198	.5287346
#1	.1288861	.0119420	.5621162	.0896057	.0317071	72.65484	.6596714
#2	.1248220	.0122943	.5580193	.0844191	.0423426	71.78171	.6529856
#3	.1290767	.0155364	.5567629	.0883660	.0330266	72.17495	.6547335

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0071140	.0042588	30.06795	.1095216	.0898053	.1843297	159.4235
Stddev	.0001890	.0000516	.13963	.0011860	.0007668	.0060091	.8732
%RSD	2.656750	1.212335	.4643812	1.082891	.8538272	3.259979	.5477407
#1	.0073270	.0043179	30.20827	.1107712	.0890159	.1791385	160.2231
#2	.0069666	.0042225	29.92902	.1093821	.0898526	.1909125	158.4917
#3	.0070483	.0042360	30.06657	.1084116	.0905473	.1829381	159.5557

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.619963	18.48105	.1569024	-.009211	.3913002	.1959906	.5410235
Stddev	.039636	.09679	.0001192	.000930	.0044484	.0095952	.0005904
%RSD	.5987337	.5237158	.0759694	10.09611	1.136812	4.895758	.1091302
#1	6.652941	18.58525	.1567656	-.010161	.3941512	.2058945	.5417038
#2	6.575991	18.39395	.1569582	-.009168	.3861744	.1953401	.5407217
#3	6.630959	18.46395	.1569835	-.008303	.3935748	.1867371	.5406449

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.290717	4.090448	-.332955	.0071653	2.447784	12.87330	.0309828
Stddev	.220928	.009201	.002082	.0003799	.007862	.11645	.0013641
%RSD	4.175771	.2249364	.6254361	5.301898	.3211716	.9045529	4.402729
#1	5.076808	4.085527	-.334091	.0072140	2.446743	13.00137	.0319326
#2	5.277291	4.084754	-.330551	.0075185	2.440495	12.84475	.0315960
#3	5.518052	4.101063	-.334222	.0067634	2.456114	12.77378	.0294197

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5062-06A Acquired: 01/03/2025 18:33:56 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHL02A Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	1.011778	-.069834	.0717410
Stddev	.004159	.001153	.0019869
%RSD	.4110564	1.651229	2.769528
#1	1.016540	-.070751	.0738162
#2	1.008856	-.068539	.0715508
#3	1.009939	-.070211	.0698561

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2141.349	21844.63	2122.701	1612.526	1953.002
Stddev	1.324	40.63	13.318	1.988	3.310
%RSD	.0618447	.1859766	.6273929	.1232786	.1694682
#1	2141.476	21879.77	2107.732	1614.627	1953.096
#2	2142.605	21853.98	2127.131	1610.675	1956.264
#3	2139.965	21800.15	2133.238	1612.275	1949.647

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5064-18A Acquired: 01/03/2025 18:37:46 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLB8A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1045663	.0116253	.2148865	.2248196	.0407899	71.48905	1.948837
Stddev	.0026732	.0042459	.0006546	.0070529	.0033528	.06710	.002427
%RSD	2.556425	36.52263	.3046168	3.137121	8.219720	.0938611	.1245452
#1	.1052209	.0096922	.2153828	.2219103	.0434420	71.55486	1.948860
#2	.1016266	.0086900	.2151321	.2196868	.0419064	71.49155	1.951253
#3	.1068513	.0164938	.2141446	.2328617	.0370213	71.42073	1.946399

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0057756	.0048312	36.11597	.1118362	.1273105	.1018188	197.6928
Stddev	.0001088	.0000949	.08714	.0006704	.0004252	.0056679	.2781
%RSD	1.884409	1.963417	.2412809	.5994489	.3340051	5.566601	.1406893
#1	.0056575	.0047262	36.16581	.1121907	.1268348	.1068696	197.9952
#2	.0057974	.0049107	36.16676	.1122550	.1274433	.0956890	197.6353
#3	.0058719	.0048569	36.01535	.1110630	.1276535	.1028979	197.4479

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.63150	26.71567	.1773798	-.010189	.9820761	.1937796	.4657971
Stddev	.02827	.06020	.0010025	.000670	.0200295	.0100843	.0030136
%RSD	.1517157	.2253276	.5651437	6.578868	2.039506	5.204011	.6469691
#1	18.66412	26.74416	.1774040	-.010252	.9617501	.1840558	.4633777
#2	18.61629	26.64652	.1763655	-.010826	1.001795	.1930936	.4648408
#3	18.61410	26.75635	.1783700	-.009490	.982683	.2041894	.4691728

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.399720	6.165026	-.425299	.0075624	.5698250	14.18957	.0066564
Stddev	.063719	.018218	.004508	.0002789	.0039307	.09723	.0014931
%RSD	.9956578	.2955102	1.060034	3.687637	.6898148	.6851951	22.43099
#1	6.417387	6.145134	-.421105	.0073218	.5664087	14.13616	.0082564
#2	6.452742	6.180900	-.430067	.0074973	.5741211	14.13075	.0053001
#3	6.329032	6.169044	-.424726	.0078680	.5689452	14.30179	.0064128

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5064-18A Acquired: 01/03/2025 18:37:46 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLB8A Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.9460944	-.061694	.1279289
Stddev	.0071940	.000517	.0011871
%RSD	.7603899	.8379113	.9279315
#1	.9461434	-.062283	.1268555
#2	.9532637	-.061317	.1292038
#3	.9388760	-.061482	.1277273

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2141.147	21832.47	2131.366	1612.323	1980.940
Stddev	2.519	32.15	15.487	9.159	3.164
%RSD	.1176308	.1472725	.7266084	.5680886	.1597368
#1	2143.901	21868.65	2144.161	1621.126	1984.572
#2	2140.579	21807.17	2135.789	1612.998	1979.473
#3	2138.961	21821.58	2114.150	1602.844	1978.776

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5071-01A Acquired: 01/03/2025 18:41:35 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKX5A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0674158	.0431048	.3946338	.0893787	.0226643	56.34634
Stddev	.0062006	.0027675	.0029344	.0022513	.0029706	.22364
%RSD	9.197610	6.420450	.7435711	2.518785	13.10676	.3969031
#1	.0627676	.0418606	.3940063	.0914931	.0243231	56.46532
#2	.0650236	.0411777	.3920638	.0870119	.0192348	56.48535
#3	.0744562	.0462760	.3978311	.0896310	.0244349	56.08836

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7098668	.0051304	.0031991	237.9530	.0950761	.0798798
Stddev	.0014529	.0001656	.0001220	1.4307	.0007592	.0006013
%RSD	.2046770	3.228217	3.812169	.6012736	.7984922	.7527146
#1	.7109593	.0049763	.0030605	238.9877	.0959211	.0794091
#2	.7104232	.0053055	.0032471	238.5511	.0944515	.0796733
#3	.7082179	.0051093	.0032898	236.3203	.0948558	.0805571

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2252441	117.2304	2.800479	94.42742	.0961866	-.007495
Stddev	.0027511	.5627	.011781	.29342	.0013787	.001187
%RSD	1.221386	.4799526	.4206647	.3107390	1.433336	15.83849
#1	.2252376	117.4133	2.798218	94.64724	.0976343	-.008202
#2	.2279984	117.6788	2.813227	94.54080	.0948893	-.008158
#3	.2224962	116.5990	2.789993	94.09423	.0960360	-.006125

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7910462	.1375836	1.395450	5.780830	F 12.62099	-.232702
Stddev	.0110885	.0065768	.002694	.086398	.01684	.002797
%RSD	1.401753	4.780242	.1930829	1.494558	.1334112	1.201962
#1	.8006082	.1417093	1.396052	5.689123	12.60404	-.232773
#2	.7936396	.1299991	1.392506	5.860698	12.63772	-.235463
#3	.7788908	.1410424	1.397793	5.792668	12.62120	-.229871

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5071-01A Acquired: 01/03/2025 18:41:35 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKX5A Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0069192	1.771929	11.32331	.0210057	.9324837	.1419732
Stddev	.0008954	.001527	.05690	.0014977	.0038391	.0003782
%RSD	12.94009	.0861976	.5024839	7.130053	.4117127	.2663570
#1	.0067222	1.772093	11.33825	.0222774	.9315866	.1423987
#2	.0061387	1.770326	11.37124	.0213849	.9291725	.1416756
#3	.0078966	1.773368	11.26043	.0193549	.9366919	.1418453

Elem	Li6707
Units	ppm
Avg	.1066760
Stddev	.0025920
%RSD	2.429807
#1	.1040820
#2	.1066800
#3	.1092660

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2167.315	22287.11	2184.775	1620.843	1868.950
Stddev	4.662	118.73	11.187	5.271	2.567
%RSD	.2150952	.5327136	.5120456	.3251950	.1373630
#1	2166.694	22168.65	2176.293	1617.505	1869.206
#2	2172.255	22286.60	2180.579	1626.920	1871.380
#3	2162.994	22406.10	2197.454	1618.105	1866.265

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5079-10A Acquired: 01/03/2025 18:45:24 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLF8A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0936532	.0244486	.2947225	.1282310	.0357691	70.68400
Stddev	.0060370	.0052727	.0037389	.0035007	.0034264	.07457
%RSD	6.446149	21.56668	1.268629	2.729963	9.579125	.1054933
#1	.0993189	.0195953	.2913348	.1260321	.0347472	70.75404
#2	.0873032	.0236915	.2987342	.1322679	.0395901	70.60561
#3	.0943373	.0300590	.2940984	.1263931	.0329699	70.69236

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.090600	.0058995	.0047341	67.42659	.1160083	.1012561
Stddev	.004067	.0001581	.0000841	.12147	.0010755	.0006111
%RSD	.3728703	2.679532	1.775692	.1801571	.9270537	.6035010
#1	1.093217	.0060009	.0046966	67.42292	.1172084	.1008779
#2	1.085915	.0059802	.0046753	67.30699	.1151319	.1019611
#3	1.092667	.0057173	.0048304	67.54985	.1156845	.1009293

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6158446	171.7084	11.90326	28.95253	.1671677	-.012088
Stddev	.0014282	.1986	.03254	.09606	.0010067	.000316
%RSD	.2319145	.1156853	.2734124	.3317738	.6022185	2.610558
#1	.6169208	171.9268	11.88942	29.04340	.1663357	-.011891
#2	.6163887	171.6597	11.87992	28.85201	.1668808	-.012452
#3	.6142243	171.5386	11.94043	28.96216	.1682868	-.011920

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5979054	.1614578	1.540732	7.910802	F 12.86687	-.331441
Stddev	.0087129	.0087684	.009033	.084583	.00480	.003305
%RSD	1.457240	5.430760	.5862874	1.069212	.0373303	.9973063
#1	.5934132	.1703853	1.531757	7.954729	12.86197	-.335146
#2	.5923552	.1611303	1.549822	7.964384	12.86706	-.330382
#3	.6079476	.1528577	1.540616	7.813293	12.87157	-.328795

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5079-10A Acquired: 01/03/2025 18:45:24 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLF8A Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0080433	1.561578	10.80364	.0177687	.7725521	-.012378
Stddev	.0008844	.005249	.08678	.0013132	.0005420	.000319
%RSD	10.99493	.3361656	.8032761	7.390594	.0701517	2.574096
#1	.0090206	1.566453	10.90157	.0162573	.7731082	-.012078
#2	.0072983	1.562260	10.77308	.0186307	.7720255	-.012712
#3	.0078109	1.556021	10.73627	.0184180	.7725227	-.012344

Elem	Li6707
Units	ppm
Avg	.1054532
Stddev	.0049473
%RSD	4.691428
#1	.1007939
#2	.1049204
#3	.1106453

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2303.133	23653.20	2315.627	1732.998	1936.335
Stddev	3.411	29.62	18.031	9.451	1.835
%RSD	.1481050	.1252423	.7786743	.5453644	.0947613
#1	2301.921	23687.18	2295.396	1742.097	1934.367
#2	2306.984	23632.75	2321.482	1723.230	1937.999
#3	2300.493	23639.68	2330.003	1733.666	1936.639

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5080-10A Acquired: 01/03/2025 18:49:13 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) 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	.6055313	.0184892	4.572661	.2108755	.0441629	78.00541
Stddev	.0035671	.0007401	.007686	.0052022	.0040155	.38449
%RSD	.5890911	4.002747	.1680767	2.466955	9.092371	.4928999
#1	.6050349	.0192634	4.566575	.2060727	.0398956	77.72606
#2	.6022384	.0184155	4.570110	.2101524	.0447260	77.84624
#3	.6093206	.0177888	4.581298	.2164015	.0478671	78.44392

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.054784	.0072336	.0114716	89.02845	.3549410	.1109825
Stddev	.009995	.0001097	.0002366	.28422	.0003759	.0002764
%RSD	.3271913	1.516857	2.062818	.3192413	.1058956	.2490189
#1	3.046605	.0073519	.0116283	88.72406	.3548051	.1112491
#2	3.065925	.0071351	.0115870	89.07439	.3546520	.1106973
#3	3.051821	.0072139	.0111994	89.28690	.3553659	.1110010

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5937783	184.0767	9.999528	30.42500	.2087261	-.008826
Stddev	.0086887	.9723	.045909	.07252	.0015156	.000458
%RSD	1.463288	.5282175	.4591162	.2383410	.7261035	5.193517
#1	.5909932	183.1991	9.949977	30.35438	.2087843	-.009351
#2	.6035181	183.9091	10.00799	30.42137	.2071823	-.008507
#3	.5868237	185.1220	10.04062	30.49927	.2102118	-.008619

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7359248	.1939673	3.188015	11.24076	F 17.08480	-.343198
Stddev	.0062928	.0123424	.013430	.11896	.02754	.007762
%RSD	.8550886	6.363124	.4212728	1.058321	.1611969	2.261625
#1	.7427418	.2004185	3.200733	11.19907	17.10390	-.351127
#2	.7303379	.1797362	3.173971	11.14826	17.05323	-.342851
#3	.7346946	.2017471	3.189342	11.37496	17.09727	-.335615

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5080-10A Acquired: 01/03/2025 18:49:13 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) 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	.0116874	3.715372	8.686527	.2918974	1.185040	.1097657
Stddev	.0006735	.011647	.048653	.0012377	.007348	.0007841
%RSD	5.763031	.3134909	.5601017	.4240363	.6200921	.7143399
#1	.0109764	3.714588	8.709330	.2926165	1.178979	.1091376
#2	.0117697	3.704136	8.719591	.2926075	1.182927	.1095150
#3	.0123160	3.727391	8.630660	.2904681	1.193213	.1106445

Elem	Li6707
Units	ppm
Avg	.1342035
Stddev	.0021756
%RSD	1.621113
#1	.1319919
#2	.1342773
#3	.1363412

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2095.721	21425.93	2085.681	1571.634	1857.653
Stddev	6.130	48.65	8.556	9.793	2.973
%RSD	.2924893	.2270588	.4102327	.6231133	.1600519
#1	2088.671	21402.71	2078.388	1567.742	1854.248
#2	2099.794	21481.84	2083.555	1582.775	1859.738
#3	2098.698	21393.24	2095.099	1564.386	1858.972

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5081-05A Acquired: 01/03/2025 18:53:00 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLG4A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1356618	.0283169	1.685781	.1407651	.0356229	75.43017
Stddev	.0056486	.0019846	.007342	.0055774	.0022692	.08793
%RSD	4.163763	7.008501	.4354979	3.962168	6.370041	.1165655
#1	.1412522	.0278559	1.681979	.1362799	.0377216	75.39468
#2	.1357763	.0266034	1.694243	.1390053	.0332150	75.36553
#3	.1299567	.0304914	1.681119	.1470101	.0359322	75.53029

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.439254	.0177058	.0087278	324.8150	.3265548	.1254636
Stddev	.008795	.0002882	.0000300	1.2966	.0008211	.0008948
%RSD	.6111012	1.627704	.3431709	.3991840	.2514420	.7132174
#1	1.435932	.0174125	.0087041	324.2793	.3265316	.1255917
#2	1.432604	.0177164	.0087614	323.8721	.3257456	.1262875
#3	1.449227	.0179886	.0087177	326.2937	.3273873	.1245116

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7494402	173.9417	10.10977	114.7542	.2505964	-.012298
Stddev	.0119505	.1649	.01040	.4478	.0009534	.001064
%RSD	1.594589	.0947756	.1028984	.3901898	.3804672	8.651519
#1	.7525484	173.7956	10.09973	114.8278	.2508302	-.013069
#2	.7595295	173.9091	10.10909	114.2742	.2495479	-.011084
#3	.7362427	174.1205	10.12050	115.1606	.2514113	-.012740

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9366742	.5027780	2.506945	9.783585	F 19.48902	-.331170
Stddev	.0136654	.0075054	.010042	.195637	.03641	.003280
%RSD	1.458932	1.492785	.4005701	1.999649	.1868006	.9905017
#1	.9523297	.5107706	2.497154	9.622628	19.45515	-.327956
#2	.9305564	.4958800	2.517221	10.00134	19.48440	-.331041
#3	.9271366	.5016835	2.506459	9.72679	19.52752	-.334513

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5081-05A Acquired: 01/03/2025 18:53:00 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLG4A Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0142002	3.851695	10.88725	.1084053	.8840628	.2644530
Stddev	.0009301	.010793	.09231	.0030614	.0046396	.0013117
%RSD	6.549604	.2802177	.8478947	2.824037	.5248038	.4960148
#1	.0151626	3.845793	10.81892	.1053507	.8823183	.2643250
#2	.0141318	3.864153	10.85058	.1083917	.8805484	.2632100
#3	.0133062	3.845141	10.99227	.1114735	.8893218	.2658241

Elem	Li6707
Units	ppm
Avg	.1452996
Stddev	.0026463
%RSD	1.821269
#1	.1469556
#2	.1466956
#3	.1422476

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2188.647	22432.20	2205.501	1637.155	1786.511
Stddev	2.115	92.32	7.989	11.386	1.583
%RSD	.0966443	.4115705	.3622248	.6954819	.0886147
#1	2190.872	22337.36	2204.309	1630.841	1787.826
#2	2186.661	22437.45	2214.019	1630.325	1784.754
#3	2188.409	22521.79	2198.176	1650.299	1786.953

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5082-06A Acquired: 01/03/2025 18:56:46 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLL6A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3875869	.0243280	1.607542	.0789943	.0342933	66.08076	1.356367
Stddev	.0030818	.0042226	.003939	.0008535	.0016474	.34783	.010152
%RSD	.7951323	17.35711	.2450231	1.080456	4.803926	.5263731	.7484540
#1	.3892392	.0194524	1.605748	.0782492	.0328802	65.68849	1.356978
#2	.3840313	.0267252	1.604820	.0799255	.0338969	66.35160	1.345925
#3	.3894903	.0268065	1.612059	.0788083	.0361027	66.20219	1.366200

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0060917	.0062775	72.71188	.1903615	.0923574	.3418033	159.0722
Stddev	.0000827	.0000754	.13622	.0013567	.0001140	.0092462	.4640
%RSD	1.357425	1.200499	.1873439	.7126763	.1233773	2.705112	.2916695
#1	.0060406	.0062405	72.76490	.1900714	.0923297	.3443465	158.7762
#2	.0061871	.0062277	72.55713	.1918397	.0922599	.3315517	158.8335
#3	.0060476	.0063642	72.81363	.1891733	.0924827	.3495117	159.6069

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.18920	22.15113	.1447546	-.009447	.6172035	.1687372	.9534425
Stddev	.01185	.14356	.0009720	.000842	.0190623	.0084586	.0030776
%RSD	.1058720	.6480784	.6714677	8.915004	3.088501	5.012857	.3227906
#1	11.18593	21.99959	.1455480	-.010385	.5955590	.1733211	.9509955
#2	11.17934	22.16874	.1436704	-.008754	.6314914	.1589762	.9568978
#3	11.20234	22.28507	.1450455	-.009204	.6245600	.1739145	.9524343

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.370864	9.729567	-.329669	.0126366	2.052871	11.86659	.0565984
Stddev	.107346	.015243	.004399	.0006427	.002412	.12025	.0007731
%RSD	1.998673	.1566699	1.334356	5.086421	.1174828	1.013335	1.365863
#1	5.269881	9.726269	-.326649	.0132670	2.050189	11.74236	.0559224
#2	5.483605	9.716242	-.327641	.0126606	2.053563	11.87499	.0574412
#3	5.359105	9.746189	-.334716	.0119822	2.054861	11.98242	.0564316

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5082-06A Acquired: 01/03/2025 18:56:46 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLL6A Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.7535669	.1457745	.0869689
Stddev	.0061146	.0003822	.0036455
%RSD	.8114204	.2621891	4.191714
#1	.7476346	.1457538	.0873946
#2	.7532174	.1461667	.0831292
#3	.7598488	.1454031	.0903828

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2108.338	21503.34	2090.913	1586.174	2001.653
Stddev	5.673	65.65	15.477	8.324	5.721
%RSD	.2690587	.3053128	.7401824	.5247589	.2858383
#1	2105.992	21444.69	2107.437	1590.168	2003.738
#2	2114.807	21491.07	2088.546	1576.607	2006.039
#3	2104.214	21574.26	2076.757	1591.748	1995.181

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5087-07A Acquired: 01/03/2025 19:00:38 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLY4A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1044606	.0178398	.4709080	.2053807	.0371750	79.71665
Stddev	.0040754	.0079143	.0015288	.0039142	.0023033	.10296
%RSD	3.901393	44.36321	.3246450	1.905847	6.195845	.1291574
#1	.1074117	.0195862	.4726367	.2085154	.0378445	79.61112
#2	.0998105	.0091982	.4697340	.2066332	.0346111	79.72200
#3	.1061594	.0247351	.4703533	.2009935	.0390694	79.81683

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.588619	.0177253	.0042678	63.22223	.1294650	.1024073
Stddev	.008075	.0002553	.0001917	.26245	.0009267	.0010199
%RSD	.3119304	1.440104	4.492123	.4151293	.7158159	.9959277
#1	2.579782	.0178553	.0040465	63.06524	.1294351	.1012330
#2	2.595613	.0174312	.0043789	63.52522	.1304063	.1030711
#3	2.590462	.0178894	.0043781	63.07623	.1285535	.1029179

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.000192	171.7981	8.996143	27.38468	.1712979	-.009938
Stddev	.010188	.2678	.028543	.09424	.0021524	.000784
%RSD	1.018652	.1558694	.3172817	.3441177	1.256545	7.890606
#1	.996147	171.5569	8.964032	27.27675	.1688182	-.009256
#2	1.011781	171.7510	9.018632	27.45061	.1723924	-.009762
#3	.992646	172.0863	9.005763	27.42668	.1726832	-.010795

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4772944	.1728754	2.032048	6.302361	F 10.20162	-.340776
Stddev	.0020913	.0120757	.012617	.081462	.04209	.002793
%RSD	.4381660	6.985216	.6209172	1.292570	.4125722	.8194987
#1	.4793227	.1619692	2.032256	6.330413	10.15302	-.337992
#2	.4774152	.1708044	2.019328	6.210579	10.22621	-.343578
#3	.4751452	.1858527	2.044560	6.366090	10.22563	-.340757

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5087-07A Acquired: 01/03/2025 19:00:38 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLY4A Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0121582	3.803854	11.66962	.0222719	.7382023	-.020803
Stddev	.0007031	.018352	.08672	.0017682	.0037756	.000507
%RSD	5.782944	.4824523	.7430945	7.938973	.5114569	2.438298
#1	.0114007	3.783287	11.62177	.0220717	.7348398	-.020297
#2	.0122839	3.818557	11.61738	.0206123	.7422867	-.020801
#3	.0127899	3.809718	11.76972	.0241316	.7374802	-.021311

Elem	Li6707
Units	ppm
Avg	.1338628
Stddev	.0007900
%RSD	.5901571
#1	.1338754
#2	.1330667
#3	.1346465

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2320.794	23679.33	2317.926	1735.808	1936.568
Stddev	3.969	76.97	6.156	2.938	6.396
%RSD	.1710404	.3250635	.2655774	.1692507	.3302562
#1	2325.138	23643.50	2320.908	1732.574	1943.486
#2	2317.356	23626.80	2322.022	1736.538	1930.871
#3	2319.888	23767.68	2310.847	1738.312	1935.347

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5092-04A Acquired: 01/03/2025 19:04:27 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLP3A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1102534	.0216678	1.434752	.1910398	.0346209	84.46723	.9316496
Stddev	.0047979	.0028436	.005588	.0060082	.0015576	.38553	.0063779
%RSD	4.351697	13.12358	.3894815	3.144991	4.499011	.4564224	.6845762
#1	.1157826	.0220791	1.436751	.1846791	.0348854	84.02978	.9244508
#2	.1077894	.0186409	1.428440	.1966189	.0329480	84.75742	.9365943
#3	.1071881	.0242833	1.439067	.1918214	.0360293	84.61449	.9339037

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0071821	.0054332	125.2496	.1348671	.1089964	.1738050	174.2336
Stddev	.0000942	.0000739	.2196	.0009490	.0009982	.0114218	.7202
%RSD	1.311265	1.360981	.1753065	.7036442	.9157826	6.571598	.4133626
#1	.0072773	.0054051	125.0304	.1359436	.1089694	.1827559	173.4130
#2	.0071801	.0055170	125.2489	.1341516	.1100077	.1777182	174.5268
#3	.0070890	.0053773	125.4696	.1345062	.1080119	.1609410	174.7610

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.856279	33.69719	.1315693	-.011942	.6634010	.1989859	2.332385
Stddev	.024875	.21306	.0007075	.000893	.0154679	.0063359	.001533
%RSD	.3628037	.6322810	.5377307	7.480399	2.331606	3.184094	.0657208
#1	6.828632	33.55191	.1321189	-.011022	.6802391	.1932069	2.333374
#2	6.863359	33.59788	.1307710	-.012806	.6601408	.1979900	2.333161
#3	6.876846	33.94177	.1318179	-.011997	.6498230	.2057607	2.330619

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.034503	4.927864	-.364423	.0087555	1.408124	11.94028	.0346488
Stddev	.031641	.006341	.002632	.0004459	.002672	.08783	.0005868
%RSD	.6284742	.1286848	.7221639	5.092371	.1897413	.7355445	1.693531
#1	5.050763	4.933173	-.364900	.0091720	1.406034	11.84948	.0341173
#2	5.054707	4.920842	-.361586	.0082851	1.407202	11.94656	.0352785
#3	4.998038	4.929578	-.366784	.0088094	1.411134	12.02480	.0345507

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5092-04A Acquired: 01/03/2025 19:04:27 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLP3A Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.9592156	.0286845	.0794901
Stddev	.0030434	.0005388	.0034486
%RSD	.3172771	1.878495	4.338356
#1	.9562121	.0292555	.0770271
#2	.9622973	.0281850	.0834314
#3	.9591376	.0286130	.0780120

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2137.292	21698.07	2106.549	1596.084	1959.952
Stddev	5.165	100.42	8.802	5.835	3.536
%RSD	.2416446	.4628049	.4178369	.3655826	.1804173
#1	2135.246	21631.78	2116.196	1589.425	1955.905
#2	2133.463	21648.83	2104.494	1598.529	1961.510
#3	2143.166	21813.61	2098.956	1600.299	1962.442

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5125-05A Acquired: 01/03/2025 19:08:16 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHM94A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3244857	.0139587	3.863316	.2588766	.0614950	56.79902
Stddev	.0009060	.0043659	.001963	.0062280	.0028474	.17475
%RSD	.2792228	31.27741	.0508044	2.405771	4.630329	.3076702
#1	.3241442	.0148271	3.863112	.2598470	.0589738	56.97234
#2	.3255129	.0092238	3.861464	.2522205	.0645833	56.62287
#3	.3238000	.0178251	3.865373	.2645625	.0609279	56.80186

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.716641	.0083981	.0087980	187.5360	.1866135	.1100826
Stddev	.012914	.0001695	.0002548	.8639	.0015512	.0005775
%RSD	.7523064	2.018623	2.896200	.4606456	.8312113	.5245666
#1	1.703275	.0082733	.0087719	186.6236	.1877869	.1097853
#2	1.729051	.0083298	.0090648	188.3414	.1848549	.1097144
#3	1.717598	.0085911	.0085572	187.6431	.1871987	.1107482

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.742197	222.5614	5.812003	41.11340	.2217296	-.014005
Stddev	.013461	.0689	.014626	.10943	.0013617	.001062
%RSD	.7726179	.0309541	.2516497	.2661756	.6141251	7.584895
#1	1.745868	222.4876	5.828642	41.02009	.2203233	-.014734
#2	1.753441	222.5725	5.806185	41.08624	.2218237	-.012786
#3	1.727281	222.6240	5.801181	41.23385	.2230418	-.014494

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.226045	.2167055	8.113691	6.420531	F 14.75952	-.414809
Stddev	.021012	.0130331	.057859	.127129	.01896	.007891
%RSD	1.713769	6.014208	.7131073	1.980040	.1284668	1.902341
#1	1.217942	.2146586	8.129888	6.423858	14.77420	-.418445
#2	1.249901	.2048169	8.049459	6.545964	14.73811	-.405755
#3	1.210291	.2306409	8.161726	6.291771	14.76623	-.420227

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5125-05A Acquired: 01/03/2025 19:08:16 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHM94A Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0140225	5.216396	9.030288	.5434328	1.292075	.2986175
Stddev	.0012515	.011309	.106855	.0027469	.003947	.0011129
%RSD	8.925023	.2167884	1.183297	.5054772	.3055102	.3726834
#1	.0154328	5.219808	9.068895	.5429798	1.287867	.2988064
#2	.0135902	5.203775	8.909495	.5409406	1.295696	.2974223
#3	.0130444	5.225606	9.112474	.5463781	1.292661	.2996239

Elem	Li6707
Units	ppm
Avg	.0673833
Stddev	.0034597
%RSD	5.134343
#1	.0666859
#2	.0643254
#3	.0711385

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2030.224	20723.04	2051.749	1526.051	1941.230
Stddev	2.631	56.02	7.154	.480	1.681
%RSD	.1295865	.2703116	.3486879	.0314410	.0866179
#1	2027.850	20659.13	2049.265	1525.703	1940.083
#2	2029.770	20763.61	2059.815	1526.598	1943.160
#3	2033.052	20746.39	2046.169	1525.852	1940.448

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5131-05A Acquired: 01/03/2025 19:12:03 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHMM6A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6420652	.0230882	4.420671	.2473499	.0518236	65.84083
Stddev	.0069391	.0025862	.007684	.0057176	.0034451	.04115
%RSD	1.080752	11.20125	.1738135	2.311529	6.647825	.0624963
#1	.6492824	.0231664	4.419341	.2518208	.0490297	65.79841
#2	.6354424	.0256343	4.413740	.2493213	.0556730	65.84351
#3	.6414707	.0204638	4.428933	.2409074	.0507681	65.88058

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.529288	.0075383	.0256891	246.5040	.2353713	.1468463
Stddev	.008336	.0001570	.0000288	.9170	.0005339	.0003987
%RSD	.3295771	2.082460	.1120048	.3720104	.2268244	.2715345
#1	2.536723	.0077141	.0256629	247.1467	.2351648	.1471407
#2	2.520276	.0074887	.0256844	245.4539	.2359776	.1470056
#3	2.530866	.0074121	.0257199	246.9115	.2349716	.1463925

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.584577	229.2962	15.39986	49.79190	.3952672	-.008157
Stddev	.008521	.2412	.01027	.20386	.0010692	.000508
%RSD	.5377327	.1051727	.0667126	.4094162	.2705048	6.232507
#1	1.584151	229.5600	15.40391	49.56063	.3957703	-.007734
#2	1.576277	229.2415	15.40749	49.86952	.3940393	-.008721
#3	1.593303	229.0871	15.38818	49.94554	.3959921	-.008017

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.304035	.1934484	10.39483	8.145675	F 18.47318	-.466521
Stddev	.020922	.0104460	.04251	.091712	.02916	.005361
%RSD	1.604426	5.399903	.4089124	1.125901	.1578636	1.149095
#1	1.315803	.1960313	10.37950	8.224111	18.48122	-.465740
#2	1.279879	.2023606	10.44288	8.168076	18.44084	-.461593
#3	1.316423	.1819532	10.36213	8.044837	18.49748	-.472229

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5131-05A Acquired: 01/03/2025 19:12:03 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHMM6A Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0237140	3.827072	10.22172	.2610109	.9408134	.3918585
Stddev	.0005165	.009134	.07198	.0019211	.0048680	.0008171
%RSD	2.177834	.2386751	.7041838	.7360274	.5174222	.2085249
#1	.0232824	3.832840	10.26855	.2624147	.9410537	.3927849
#2	.0242862	3.816540	10.13884	.2617965	.9358298	.3912402
#3	.0235735	3.831835	10.25777	.2588215	.9455569	.3915503

Elem	Li6707
Units	ppm
Avg	.0862916
Stddev	.0009035
%RSD	1.047081
#1	.0871383
#2	.0853403
#3	.0863963

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2116.325	21530.90	2140.337	1572.659	1904.685
Stddev	1.890	91.80	11.079	8.095	5.451
%RSD	.0892832	.4263595	.5176513	.5147450	.2861860
#1	2117.577	21620.86	2137.188	1577.900	1900.357
#2	2117.246	21437.36	2152.651	1563.335	1910.807
#3	2114.151	21534.47	2131.174	1576.741	1902.891

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5126-06 Acquired: 01/03/2025 19:15:50 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHMA1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1831944	-.019296	5.014699	.0788453	.0544126	57.55990
Stddev	.0118273	.004744	.059075	.0029555	.0066479	.14754
%RSD	6.456125	24.58736	1.178037	3.748543	12.21762	.2563172
#1	.1750792	-.022941	4.968147	.0815623	.0588746	57.42989
#2	.1777393	-.013932	5.081155	.0756983	.0467721	57.52957
#3	.1967647	-.021016	4.994795	.0792752	.0575910	57.72025

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.000001	.0068067	.0087229	199.3923	.1860544	.1165736
Stddev	.003050	.0000193	.0002706	.3811	.0003698	.0014167
%RSD	.1525220	.2828978	3.101959	.1911222	.1987395	1.215282
#1	1.998533	.0068155	.0085337	199.0042	.1862181	.1150398
#2	2.003508	.0067847	.0090328	199.4067	.1863141	.1178332
#3	1.997962	.0068201	.0086020	199.7660	.1856311	.1168477

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6410103	190.4951	9.577617	45.23075	.2462158	-.008730
Stddev	.0072897	.1400	.014748	.31000	.0011672	.000624
%RSD	1.137216	.0734679	.1539838	.6853634	.4740561	7.143122
#1	.6447011	190.4611	9.577578	44.89791	.2448803	-.008629
#2	.6457165	190.3753	9.562889	45.51124	.2470410	-.009397
#3	.6326133	190.6489	9.592385	45.28310	.2467260	-.008163

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8660608	.1855651	3.018341	5.870831	F 15.17805	-.371802
Stddev	.0276087	.0064151	.018302	.245064	.17737	.005095
%RSD	3.187849	3.457049	.6063434	4.174262	1.168568	1.370360
#1	.8797344	.1784971	2.997268	6.121256	15.07333	-.371372
#2	.8841643	.1910190	3.030252	5.631505	15.38284	-.377098
#3	.8342838	.1871791	3.027503	5.859733	15.07799	-.366935

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5126-06 Acquired: 01/03/2025 19:15:50 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHMA1 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0143382	4.034086	5.330897	.6801707	1.005541	.3266179
Stddev	.0004017	.044586	.033329	.0090160	.000947	.0003655
%RSD	2.801940	1.105243	.6252083	1.325555	.0941898	.1119036
#1	.0146093	3.999655	5.328181	.6744064	1.005105	.3263707
#2	.0145286	4.084450	5.365501	.6905608	1.006627	.3270377
#3	.0138767	4.018154	5.299009	.6755450	1.004890	.3264452

Elem	Li6707
Units	ppm
Avg	.0885291
Stddev	.0018768
%RSD	2.119953
#1	.0891335
#2	.0864246
#3	.0900292

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2019.048	20811.33	2058.600	1538.080	1872.555
Stddev	16.214	153.24	8.977	5.240	19.081
%RSD	.8030518	.7363529	.4360541	.3407090	1.019008
#1	2032.219	20659.43	2051.728	1540.162	1886.697
#2	2000.939	20965.88	2055.315	1541.958	1850.851
#3	2023.985	20808.69	2068.756	1532.118	1880.116

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5126-07 Acquired: 01/03/2025 19:19:38 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHMA2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2721438	-.076652	2.392462	.1965354	.0933521	49.09069
Stddev	.0038225	.003150	.008725	.0033170	.0039578	.11322
%RSD	1.404593	4.109760	.3646683	1.687720	4.239648	.2306425
#1	.2740373	-.074179	2.383386	.2001040	.0969584	48.97071
#2	.2746499	-.075579	2.393213	.1935466	.0939802	49.10570
#3	.2677441	-.080199	2.400786	.1959555	.0891179	49.19566

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.319266	.0080986	.0116621	280.5206	.1309546	.1224283
Stddev	.006150	.0002550	.0000104	.7108	.0013719	.0004159
%RSD	.2651626	3.149272	.0895424	.2533843	1.047646	.3397167
#1	2.326366	.0083028	.0116718	280.7211	.1303406	.1228329
#2	2.315587	.0078127	.0116510	279.7311	.1325263	.1224500
#3	2.315846	.0081803	.0116636	281.1096	.1299968	.1220019

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4624545	400.5209	14.62030	58.64919	.2330154	-.024112
Stddev	.0132124	.7021	.04025	.35859	.0002085	.000621
%RSD	2.857023	.1753007	.2752741	.6114225	.0894657	2.575152
#1	.4777070	400.3641	14.60668	58.44812	.2331256	-.024207
#2	.4545296	399.9104	14.58863	58.43625	.2331457	-.023449
#3	.4551269	401.2881	14.66559	59.06320	.2327750	-.024680

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.051816	.2023125	2.718805	5.069343	F 15.90156	-.876533
Stddev	.034574	.0013848	.010395	.066279	.03513	.008061
%RSD	3.287091	.6844760	.3823533	1.307452	.2209162	.9196423
#1	1.014439	.2029558	2.707126	5.072116	15.86133	-.867485
#2	1.058356	.2007231	2.727045	5.001721	15.91720	-.879161
#3	1.082653	.2032586	2.722245	5.134192	15.92616	-.882951

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5126-07 Acquired: 01/03/2025 19:19:38 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHMA2 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0224147	2.976785	3.916225	.2329141	.6963759	.0673483
Stddev	.0002794	.008615	.018256	.0017744	.0075461	.0010519
%RSD	1.246705	.2894205	.4661598	.7618466	1.083620	1.561892
#1	.0221193	2.986198	3.896423	.2341919	.7030495	.0685629
#2	.0224502	2.969291	3.919866	.2336623	.6881873	.0667486
#3	.0226748	2.974866	3.932385	.2308881	.6978911	.0667333

Elem	Li6707
Units	ppm
Avg	.0810184
Stddev	.0017222
%RSD	2.125736
#1	.0797417
#2	.0829772
#3	.0803362

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2061.336	21131.49	2085.146	1549.132	1884.632
Stddev	8.555	171.88	2.185	6.360	4.868
%RSD	.4150413	.8133878	.1047852	.4105740	.2582896
#1	2068.737	20983.47	2085.036	1544.874	1885.854
#2	2063.301	21091.01	2083.019	1546.079	1888.773
#3	2051.968	21320.01	2087.385	1556.444	1879.270

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: CCV104 Acquired: 01/03/2025 19:23:26 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV104 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.087542	4.956179	25.28618	4.999079	4.982099	408.4619	10.41676
Stddev	.007306	.014924	.02660	.005344	.022119	2.1276	.04267
%RSD	.1435985	.3011105	.1051834	.1069032	.4439636	.5208859	.4095904
#1	5.081868	4.944181	25.25625	4.994983	4.968743	406.0609	10.38131
#2	5.084973	4.951466	25.30711	4.997130	4.969924	409.2115	10.40485
#3	5.095785	4.972890	25.29519	5.005124	5.007630	410.1133	10.46411

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5260932	2.543808	416.2621	15.81694	2.553795	15.54632	413.4644
Stddev	.0008966	.000449	2.1847	.08538	.001069	.08582	1.6437
%RSD	.1704195	.0176538	.5248324	.5397920	.0418560	.5520259	.3975385
#1	.5254925	2.543602	414.5438	15.77859	2.552792	15.45516	411.7820
#2	.5256633	2.543500	415.5217	15.91477	2.553673	15.55824	413.5448
#3	.5271238	2.544324	418.7207	15.75747	2.554920	15.62555	415.0664

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.44618	411.0968	2.564317	1.280926	419.7942	2.580052	14.94727
Stddev	.06020	2.0392	.002506	.005680	2.8521	.024939	.12960
%RSD	.3897378	.4960349	.0977389	.4434144	.6793928	.9665980	.8670415
#1	15.37667	408.8732	2.561471	1.279524	417.1627	2.595021	14.83893
#2	15.48114	411.5378	2.565284	1.287175	419.3952	2.551263	15.09084
#3	15.48072	412.8794	2.566195	1.276078	422.8248	2.593873	14.91204

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	156.6631	5.041529	4.566706	4.972645	5.081372	5.174862	5.117885
Stddev	.8308	.015373	.004144	.013802	.008358	.010889	.012115
%RSD	.5303254	.3049187	.0907349	.2775489	.1644867	.2104202	.2367181
#1	156.0343	5.024745	4.565520	4.972183	5.075958	5.168593	5.109178
#2	156.3500	5.054925	4.563286	4.959080	5.077161	5.168558	5.112757
#3	157.6050	5.044916	4.571314	4.986671	5.090999	5.187436	5.131721

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: CCV104 Acquired: 01/03/2025 19:23:26 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV104 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	5.170353	4.917512	5.013810
Stddev	.019760	.029357	.028371
%RSD	.3821821	.5969818	.5658645
#1	5.161518	4.884732	4.988536
#2	5.156552	4.926425	5.008396
#3	5.192989	4.941379	5.044498

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1524.035	16551.81	1678.550	1136.547	1634.004
Stddev	.091	80.93	8.731	10.852	2.772
%RSD	.0059805	.4889404	.5201501	.9547833	.1696387
#1	1524.086	16632.29	1684.183	1148.118	1633.372
#2	1523.930	16470.44	1682.975	1126.597	1631.602
#3	1524.089	16552.68	1668.493	1134.928	1637.037

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: CCB104 Acquired: 01/03/2025 19:27:11 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB104 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0020100	-.002652	.0024077	.0049582	-.000040	.0735298	-.004944
Stddev	.0026339	.002157	.0027236	.0083054	.002361	.0556264	.001925
%RSD	131.0378	81.33095	113.1205	167.5091	5873.772	75.65154	38.94411
#1	-.000480	-.004610	.0036063	-.000997	.002476	.1320313	-.005582
#2	.004768	-.000339	.0043263	.001425	-.002205	.0213121	-.006469
#3	.001742	-.003008	-.000710	.014446	-.000391	.0672460	-.002780

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000493	.0000108	-.052579	.0003286	-.000333	-.011125	.0242653
Stddev	.0000398	.0000790	.012193	.0006030	.000268	.007113	.0129248
%RSD	80.73092	729.3408	23.19010	183.5118	80.39799	63.93557	53.26441
#1	.0000847	-.000022	-.038723	-.000055	-.000071	-.016993	.0380508
#2	.0000062	.000101	-.061669	.001024	-.000322	-.013168	.0124209
#3	.0000571	-.000047	-.057346	.000017	-.000607	-.003214	.0223241

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0043761	-.117474	-.000140	.0007001	.1050003	-.009107	.0008442
Stddev	.0009139	.067046	.001117	.0005937	.0192550	.010788	.0005052
%RSD	20.88295	57.07333	798.6326	84.80366	18.33800	118.4540	59.84241
#1	.0033236	-.103689	.000017	.0000235	.1247261	-.009508	.0014273
#2	.0048364	-.190342	.000890	.0009428	.1040211	-.019689	.0005376
#3	.0049683	-.058392	-.001327	.0011340	.0862536	.001875	.0005678

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3911145	-.001692	.0099518	.0001074	-.010772	-.002770	-.000508
Stddev	.2171316	.002981	.0013110	.0006924	.004590	.000695	.001747
%RSD	55.51613	176.1447	13.17339	644.4448	42.61025	25.09443	343.7487
#1	.6066822	.001039	.0113355	.0006778	-.012687	-.003557	-.001129
#2	.3942092	-.001244	.0097917	.0003074	-.014094	-.002242	-.001861
#3	.1724520	-.004872	.0087282	-.000663	-.005535	-.002509	.001465

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: CCB104 Acquired: 01/03/2025 19:27:11 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB104 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	-.008857	-.000337	.0042710
Stddev	.003929	.000077	.0024919
%RSD	44.35420	22.72321	58.34489
#1	-.012640	-.000392	.0069712
#2	-.009134	-.000249	.0037818
#3	-.004798	-.000369	.0020600

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1854.419	18978.95	1846.279	1407.942	2049.421
Stddev	3.827	30.76	15.956	2.830	3.364
%RSD	.2063853	.1620832	.8642432	.2009866	.1641230
#1	1850.757	19001.32	1861.277	1411.178	2045.638
#2	1854.109	18991.65	1829.512	1405.931	2050.549
#3	1858.392	18943.87	1848.050	1406.718	2052.075

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5126-08 Acquired: 01/03/2025 19:31:13 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHMA3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3148031	-.010936	11.46569	.0912461	.0457756	65.88404
Stddev	.0098325	.002369	.01732	.0034966	.0002714	.31288
%RSD	3.123368	21.66543	.1510359	3.832094	.5929534	.4748938
#1	.3251497	-.008971	11.47871	.0950862	.0459804	65.64287
#2	.3136779	-.010269	11.47232	.0904063	.0454677	66.23759
#3	.3055816	-.013567	11.44604	.0882459	.0458786	65.77168

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.959841	.0074221	.0132880	395.9940	.1906727	.1589280
Stddev	.017382	.0002126	.0000311	1.0881	.0016124	.0001226
%RSD	.3504498	2.864710	.2343456	.2747709	.8456605	.0771453
#1	4.975290	.0074201	.0133162	396.2650	.1891983	.1590526
#2	4.963212	.0072106	.0132931	396.9209	.1923946	.1589239
#3	4.941021	.0076358	.0132546	394.7960	.1904251	.1588075

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8616319	206.9375	17.47669	45.21871	.2645322	-.007405
Stddev	.0110234	.7432	.07463	.21407	.0014697	.001188
%RSD	1.279368	.3591395	.4270475	.4734102	.5556046	16.03907
#1	.8726055	206.3511	17.46962	44.97707	.2650556	-.007973
#2	.8617311	207.7733	17.55461	45.38461	.2656687	-.008202
#3	.8505593	206.6882	17.40585	45.29446	.2628724	-.006040

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8716744	.2266496	5.277286	12.22598	F 17.47592	-.411085
Stddev	.0073601	.0146150	.007891	.25305	.04008	.004646
%RSD	.8443583	6.448268	.1495249	2.069755	.2293589	1.130186
#1	.8792829	.2370841	5.268467	12.45802	17.46783	-.416284
#2	.8645909	.2099459	5.283681	11.95617	17.51942	-.407341
#3	.8711493	.2329187	5.279709	12.26376	17.44049	-.409628

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5126-08 Acquired: 01/03/2025 19:31:13 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHMA3 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0141671	5.466608	4.699641	.3548262	.9326194	.3419938
Stddev	.0002854	.010739	.024777	.0013590	.0060512	.0017708
%RSD	2.014432	.1964496	.5272121	.3830148	.6488355	.5177791
#1	.0141481	5.474458	4.724772	.3550169	.9266379	.3407846
#2	.0144615	5.470996	4.698915	.3560798	.9387379	.3440263
#3	.0138917	5.454369	4.675234	.3533819	.9324824	.3411705

Elem	Li6707
Units	ppm
Avg	.0853967
Stddev	.0008676
%RSD	1.015923
#1	.0859107
#2	.0858845
#3	.0843951

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2139.519	21867.80	2166.878	1606.959	1846.842
Stddev	1.813	61.14	4.434	6.590	.220
%RSD	.0847372	.2795794	.2046080	.4100815	.0119282
#1	2141.590	21918.54	2161.877	1614.413	1847.049
#2	2138.753	21799.92	2168.428	1604.553	1846.611
#3	2138.215	21884.92	2170.327	1601.909	1846.867

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5126-09 Acquired: 01/03/2025 19:35:00 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHMA4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3532392	-.020362	8.231576	.0929794	.0465412	67.22282
Stddev	.0043891	.004285	.011326	.0039131	.0026631	.07595
%RSD	1.242533	21.04223	.1375918	4.208595	5.721951	.1129833
#1	.3509657	-.017563	8.234853	.0937650	.0493417	67.14057
#2	.3582987	-.018230	8.218973	.0887330	.0462409	67.23759
#3	.3504533	-.025295	8.240902	.0964400	.0440410	67.29030

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.757878	.0074608	.0138810	436.5313	.1869201	.1634158
Stddev	.011813	.0002852	.0000245	1.3426	.0008850	.0006558
%RSD	.2482869	3.822846	.1762122	.3075535	.4734794	.4013287
#1	4.749931	.0077724	.0139022	435.3199	.1876271	.1626601
#2	4.752249	.0072127	.0138542	436.2992	.1872058	.1637500
#3	4.771453	.0073972	.0138866	437.9748	.1859276	.1638371

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.203949	215.7226	17.18202	45.64861	.2699707	-.009285
Stddev	.001959	.6388	.04162	.22627	.0027387	.001441
%RSD	.1627315	.2961347	.2422368	.4956676	1.014452	15.51509
#1	1.205741	215.1601	17.14410	45.42667	.2704233	-.008089
#2	1.204248	215.5906	17.17541	45.64022	.2670339	-.010884
#3	1.201857	216.4171	17.22655	45.87896	.2724550	-.008882

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9499926	.2233738	5.035504	10.95891	F 14.33752	-.433531
Stddev	.0191356	.0131338	.016709	.07261	.02865	.003244
%RSD	2.014291	5.879727	.3318306	.6625376	.1998405	.7482487
#1	.9719148	.2289616	5.018453	10.99245	14.36774	-.432154
#2	.9414264	.2083701	5.036209	11.00869	14.31075	-.431203
#3	.9366366	.2327896	5.051849	10.87560	14.33407	-.437236

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5126-09 Acquired: 01/03/2025 19:35:00 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHMA4 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0137338	4.112936	5.322613	.2188520	.8991224	.3850480
Stddev	.0007908	.009748	.020849	.0021423	.0019670	.0007755
%RSD	5.758123	.2370190	.3917077	.9788837	.2187723	.2013934
#1	.0131565	4.123777	5.345339	.2190524	.8973115	.3848239
#2	.0146352	4.104890	5.304370	.2208871	.8988404	.3844093
#3	.0134098	4.110142	5.318132	.2166166	.9012151	.3859109

Elem	Li6707
Units	ppm
Avg	.0906878
Stddev	.0046119
%RSD	5.085481
#1	.0952078
#2	.0859891
#3	.0908666

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2114.768	21735.21	2166.303	1598.459	1840.246
Stddev	.771	21.34	7.843	3.548	2.588
%RSD	.0364725	.0981795	.3620264	.2219855	.1406229
#1	2115.590	21739.37	2158.162	1600.964	1842.192
#2	2114.652	21712.10	2173.809	1600.015	1841.237
#3	2114.061	21754.17	2166.937	1594.398	1837.309

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5126-10 Acquired: 01/03/2025 19:38:47 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHMA5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0676373	.0064586	1.965114	.0196543	.0279439	34.73714	.5889294
Stddev	.0076102	.0029790	.001450	.0038979	.0056140	.32495	.0059252
%RSD	11.25154	46.12481	.0737908	19.83246	20.09027	.9354528	1.006103
#1	.0720961	.0092755	1.964617	.0238270	.0239054	34.82560	.5922966
#2	.0588501	.0033404	1.963978	.0161066	.0343546	35.00870	.5924038
#3	.0719658	.0067601	1.966747	.0190294	.0255716	34.37712	.5820878

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0039279	.0163357	676.9417	.2266446	.0849947	.2745682	117.0210
Stddev	.0001252	.0001788	6.5835	.0018460	.0001120	.0095818	1.2361
%RSD	3.188086	1.094697	.9725344	.8144955	.1317100	3.489777	1.056286
#1	.0039936	.0162290	678.8471	.2279287	.0850506	.2812374	117.3151
#2	.0040066	.0165422	682.3623	.2245291	.0850677	.2635882	118.0835
#3	.0037835	.0162360	669.6156	.2274761	.0848658	.2788789	115.6644

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.322934	346.4269	.1606434	-.005381	1.453789	.1351311	2.845066
Stddev	.049990	3.0719	.0013088	.001015	.011899	.0162315	.019392
%RSD	.9391493	.8867303	.8147382	18.86236	.8184560	12.01167	.6815931
#1	5.346972	347.4979	.1605547	-.005395	1.441902	.1483651	2.854878
#2	5.356364	348.8199	.1619944	-.004359	1.465700	.1170203	2.822729
#3	5.265465	342.9629	.1593812	-.006389	1.453766	.1400079	2.857591

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.905257	9.294927	-.207650	.0102698	9.264105	3.670527	.0578213
Stddev	.267081	.016535	.003032	.0003102	.018748	.018855	.0024801
%RSD	6.839011	.1778914	1.460222	3.020468	.2023747	.5136798	4.289299
#1	3.830206	9.313600	-.210842	.0106227	9.269038	3.689458	.0597019
#2	4.201835	9.282143	-.204807	.0101468	9.279893	3.670375	.0550106
#3	3.683731	9.289038	-.207302	.0100400	9.243383	3.651749	.0587514

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5126-10 Acquired: 01/03/2025 19:38:47 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHMA5 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.5612697	.2319926	.0468865
Stddev	.0122513	.0021238	.0034383
%RSD	2.182791	.9154385	7.333264
#1	.5625328	.2314816	.0432832
#2	.5728406	.2343253	.0501319
#3	.5484357	.2301710	.0472444

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1813.510	18778.62	1887.192	1362.160	1693.705
Stddev	2.026	52.00	17.187	4.321	3.731
%RSD	.1117220	.2769171	.9107029	.3172189	.2202723
#1	1815.327	18727.76	1876.824	1357.603	1694.602
#2	1811.325	18776.41	1877.721	1366.198	1689.607
#3	1813.879	18831.69	1907.031	1362.680	1696.905

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5126-11 Acquired: 01/03/2025 19:42:33 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHMA6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0988285	-.006948	2.488129	.0497294	.0452866	50.36180
Stddev	.0068187	.004807	.006801	.0101836	.0031997	.11807
%RSD	6.899557	69.18829	.2733522	20.47794	7.065506	.2344533
#1	.0992198	-.001405	2.495119	.0436748	.0434197	50.49024
#2	.1054432	-.009981	2.487733	.0440269	.0489813	50.33719
#3	.0918226	-.009457	2.481534	.0614866	.0434589	50.25798

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9636194	.0054526	.0195412	553.6206	.3864508	.1043953
Stddev	.0043568	.0001457	.0000861	3.3374	.0005665	.0008711
%RSD	.4521262	2.672129	.4407709	.6028260	.1465914	.8344607
#1	.9658170	.0054726	.0194612	555.7021	.3862369	.1035607
#2	.9664397	.0052979	.0196324	555.3885	.3860225	.1043264
#3	.9586015	.0055872	.0195300	549.7712	.3870932	.1052988

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3697956	159.3140	6.862706	286.7733	.2326522	-.009343
Stddev	.0101560	.5459	.039399	1.2653	.0014978	.002307
%RSD	2.746371	.3426642	.5741027	.4412119	.6438018	24.69403
#1	.3792727	159.5687	6.884360	287.2070	.2321098	-.009981
#2	.3590752	159.6861	6.886528	287.7647	.2343456	-.006784
#3	.3710389	158.6873	6.817229	285.3482	.2315011	-.011264

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.120864	.1555352	3.671621	5.024721	F 12.06635	-.308807
Stddev	.011100	.0149262	.022976	.239843	.02147	.009555
%RSD	.9902994	9.596655	.6257854	4.773259	.1779136	3.094108
#1	1.130000	.1634488	3.683415	4.748499	12.08965	-.316779
#2	1.108511	.1383186	3.686307	5.180176	12.06201	-.311426
#3	1.124081	.1648382	3.645143	5.145487	12.04738	-.298215

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5126-11 Acquired: 01/03/2025 19:42:33 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHMA6 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0149970	10.28478	4.809450	.0911160	.7798744	.1861376
Stddev	.0008155	.03847	.052663	.0024661	.0088579	.0013019
%RSD	5.437553	.3740640	1.094982	2.706587	1.135804	.6994012
#1	.0147366	10.30888	4.847404	.0889195	.7871839	.1871844
#2	.0159108	10.30504	4.831619	.0937837	.7824156	.1865486
#3	.0143435	10.24041	4.749327	.0906449	.7700237	.1846799

Elem	Li6707
Units	ppm
Avg	.0692538
Stddev	.0038819
%RSD	5.605268
#1	.0649718
#2	.0702470
#3	.0725426

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1848.564	19264.95	1918.847	1401.869	1697.541
Stddev	.940	13.27	24.587	7.223	2.207
%RSD	.0508583	.0688818	1.281363	.5152597	.1300109
#1	1849.257	19251.05	1904.018	1398.288	1695.223
#2	1847.494	19277.48	1905.294	1397.137	1699.617
#3	1848.941	19266.31	1947.228	1410.183	1697.782

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5126-12 Acquired: 01/03/2025 19:46:19 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHMA7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1145384	-.012466	2.994337	.0598399	.0435281	47.72729
Stddev	.0049045	.001891	.004091	.0087330	.0051041	.25786
%RSD	4.281923	15.16499	.1366333	14.59394	11.72598	.5402738
#1	.1095009	-.010489	2.998901	.0647798	.0488397	47.61671
#2	.1192980	-.014256	2.993111	.0497566	.0386606	47.54316
#3	.1148164	-.012654	2.990998	.0649834	.0430840	48.02199

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8842836	.0063763	.0180925	478.5755	.1985855	.0998964
Stddev	.0032161	.0000767	.0000320	1.5116	.0004793	.0003726
%RSD	.3636984	1.202653	.1770290	.3158617	.2413699	.3729782
#1	.8877686	.0063846	.0181253	477.6546	.1982075	.0995878
#2	.8814300	.0062958	.0180911	477.7519	.1991246	.1003103
#3	.8836522	.0064485	.0180613	480.3201	.1984244	.0997910

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4346327	174.2389	6.579385	229.6043	.2490490	-.009720
Stddev	.0056670	.6327	.041888	1.3999	.0005533	.000632
%RSD	1.303867	.3631078	.6366563	.6097072	.2221867	6.506424
#1	.4290255	173.8319	6.555145	228.6171	.2496874	-.009013
#2	.4403577	173.9170	6.555257	228.9894	.2487531	-.010231
#3	.4345148	174.9678	6.627753	231.2064	.2487065	-.009916

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.119385	.1606493	4.227176	5.442648	F 10.38159	-.330694
Stddev	.021332	.0073861	.023962	.139710	.00760	.004119
%RSD	1.905651	4.597629	.5668589	2.566941	.0732375	1.245431
#1	1.101232	.1690569	4.223898	5.371237	10.38788	-.326366
#2	1.114043	.1552052	4.205022	5.603630	10.38376	-.331152
#3	1.142880	.1576859	4.252608	5.353078	10.37314	-.334565

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5126-12 Acquired: 01/03/2025 19:46:19 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHMA7 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0147780	8.750338	4.454114	.0996955	.7449775	.2117785
Stddev	.0009887	.026596	.032729	.0021954	.0048585	.0006100
%RSD	6.690348	.3039449	.7347988	2.202074	.6521652	.2880524
#1	.0158805	8.777459	4.420402	.1019244	.7403185	.2117933
#2	.0139699	8.749257	4.456176	.0975353	.7446005	.2111611
#3	.0144838	8.724299	4.485762	.0996267	.7500135	.2123809

Elem	Li6707
Units	ppm
Avg	.0681535
Stddev	.0013379
%RSD	1.962999
#1	.0696496
#2	.0677391
#3	.0670719

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1894.009	19575.24	1955.409	1426.112	1758.272
Stddev	3.909	9.92	12.820	5.377	3.737
%RSD	.2063624	.0506846	.6555990	.3770109	.2125263
#1	1898.485	19568.42	1967.411	1425.120	1762.576
#2	1891.270	19586.62	1956.911	1431.916	1755.857
#3	1892.271	19570.69	1941.904	1421.301	1756.382

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5126-13 Acquired: 01/03/2025 19:50:06 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHMF2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2045530	-.014430	2.184633	.1111083	.0436852	71.75269
Stddev	.0075017	.003386	.009160	.0003506	.0003168	.15360
%RSD	3.667362	23.46642	.4192856	.3155511	.7252464	.2140756
#1	.2102399	-.014492	2.174066	.1114684	.0440489	71.85860
#2	.1960509	-.011014	2.189527	.1110885	.0434691	71.82294
#3	.2073682	-.017785	2.190307	.1107680	.0435376	71.57652

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.642913	.0072991	.0076661	220.4744	.1533445	.1478147
Stddev	.000585	.0001436	.0002305	.5430	.0015115	.0007083
%RSD	.0356172	1.966956	3.006541	.2463030	.9857026	.4791504
#1	1.642898	.0073295	.0077080	220.4705	.1525561	.1485518
#2	1.643506	.0074250	.0074176	221.0194	.1523902	.1471393
#3	1.642336	.0071428	.0078728	219.9333	.1550872	.1477529

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5048733	217.3634	23.51210	31.01841	.1909560	-.009195
Stddev	.0016797	.4272	.07765	.17569	.0007103	.001551
%RSD	.3326897	.1965472	.3302406	.5663928	.3719766	16.86605
#1	.5039535	217.0424	23.50253	31.12281	.1904948	-.009345
#2	.5068119	217.8483	23.59409	31.11685	.1905991	-.007575
#3	.5038544	217.1995	23.43968	30.81558	.1917739	-.010666

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6758330	.1959952	1.483779	9.248624	F 12.24292	-.464855
Stddev	.0106549	.0124036	.009822	.012418	.03443	.000453
%RSD	1.576562	6.328513	.6619698	.1342685	.2812614	.0973649
#1	.6812417	.1908014	1.481305	9.260341	12.20435	-.464340
#2	.6635585	.2101514	1.475431	9.235607	12.27055	-.465035
#3	.6826987	.1870328	1.494602	9.249924	12.25387	-.465190

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5126-13 Acquired: 01/03/2025 19:50:06 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHMF2 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0131673	3.238813	4.344290	.1930161	.8096846	.1453083
Stddev	.0004682	.012715	.010640	.0020646	.0055951	.0004381
%RSD	3.555706	.3925740	.2449215	1.069649	.6910245	.3014796
#1	.0135178	3.246493	4.350963	.1909773	.8034507	.1456668
#2	.0126356	3.224137	4.349888	.1951056	.8142710	.1448200
#3	.0133485	3.245809	4.332020	.1929653	.8113321	.1454381

Elem	Li6707
Units	ppm
Avg	.0779771
Stddev	.0018761
%RSD	2.405924
#1	.0763750
#2	.0775153
#3	.0800409

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2235.913	23115.31	2247.331	1697.559	1898.503
Stddev	9.340	121.67	12.765	7.041	6.424
%RSD	.4177280	.5263419	.5680040	.4147788	.3383754
#1	2234.396	23223.19	2251.598	1705.418	1900.198
#2	2245.918	22983.43	2232.978	1695.435	1903.910
#3	2227.424	23139.31	2257.415	1691.825	1891.402

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5126-14 Acquired: 01/03/2025 19:53:54 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHMF3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2232329	-.019156	2.766645	.1123153	.0501820	75.65609
Stddev	.0070098	.002013	.006701	.0054527	.0004357	.51240
%RSD	3.140138	10.50819	.2422001	4.854816	.8681954	.6772727
#1	.2278575	-.016968	2.760077	.1111580	.0501990	75.07514
#2	.2266737	-.019571	2.766385	.1182537	.0506089	75.84950
#3	.2151676	-.020929	2.773471	.1075341	.0497381	76.04363

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.119817	.0078801	.0093637	357.6657	.1934110	.1582029
Stddev	.012088	.0002820	.0000751	1.7671	.0010737	.0009834
%RSD	.5702184	3.578418	.8023618	.4940697	.5551459	.6215744
#1	2.110012	.0077949	.0092771	355.8733	.1933464	.1575802
#2	2.116118	.0076506	.0094025	357.7172	.1945155	.1593365
#3	2.133322	.0081949	.0094115	359.4064	.1923710	.1576919

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6414039	235.2366	23.00920	42.09372	.2316838	-.013449
Stddev	.0085159	1.6681	.15687	.39143	.0012205	.000853
%RSD	1.327698	.7091176	.6817578	.9298966	.5268035	6.344815
#1	.6322996	233.5744	22.85185	41.85609	.2303001	-.014407
#2	.6427382	235.2249	23.01018	41.87958	.2326075	-.013169
#3	.6491738	236.9106	23.16558	42.54550	.2321438	-.012771

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8431898	.1923102	2.020334	10.14348	F 12.98600	-.466177
Stddev	.0131320	.0036763	.000416	.04251	.02733	.005438
%RSD	1.557416	1.911664	.0205923	.4191297	.2104261	1.166600
#1	.8418970	.1950338	2.020463	10.11871	12.96127	-.459916
#2	.8307521	.1937684	2.020671	10.11915	12.98138	-.468886
#3	.8569204	.1881285	2.019869	10.19257	13.01534	-.469729

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5126-14 Acquired: 01/03/2025 19:53:54 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHMF3 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0136745	4.172048	5.296646	.1794179	.8571466	.3206353
Stddev	.0003500	.012213	.058676	.0009757	.0028464	.0022877
%RSD	2.559156	.2927374	1.107790	.5438057	.3320737	.7134808
#1	.0138884	4.157951	5.229165	.1783858	.8541406	.3180413
#2	.0132707	4.179430	5.325128	.1795429	.8598005	.3215000
#3	.0138645	4.178764	5.335643	.1803252	.8574988	.3223646

Elem	Li6707
Units	ppm
Avg	.0928467
Stddev	.0017024
%RSD	1.833579
#1	.0925280
#2	.0946859
#3	.0913261

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2209.945	22818.58	2234.893	1669.169	1821.020
Stddev	1.296	29.35	17.601	4.889	2.839
%RSD	.0586428	.1286446	.7875466	.2928731	.1558961
#1	2210.610	22800.52	2255.216	1663.536	1824.299
#2	2208.452	22802.77	2224.836	1671.672	1819.373
#3	2210.774	22852.45	2224.626	1672.300	1819.389

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5126-15 Acquired: 01/03/2025 19:57:42 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHMM8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1491596	-.018991	3.712530	.0669501	.0454061	48.06619
Stddev	.0033504	.002870	.012658	.0048197	.0009911	.17203
%RSD	2.246166	15.11068	.3409431	7.198919	2.182747	.3579097
#1	.1527740	-.017226	3.705233	.0625670	.0443902	47.87729
#2	.1485470	-.017446	3.705212	.0721116	.0454576	48.21386
#3	.1461578	-.022303	3.727146	.0661716	.0463704	48.10742

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.559148	.0070181	.0061983	194.7696	.1377218	.1058434
Stddev	.002936	.0001413	.0000900	.2582	.0014216	.0004050
%RSD	.1883228	2.013027	1.451494	.1325468	1.032250	.3826651
#1	1.557057	.0071309	.0062207	194.5586	.1374381	.1054710
#2	1.562505	.0068596	.0060993	195.0575	.1392640	.1057845
#3	1.557883	.0070636	.0062750	194.6927	.1364635	.1062746

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5639375	170.0310	5.035024	48.05549	.1808642	-.011352
Stddev	.0022057	.7598	.010159	.23875	.0012130	.001516
%RSD	.3911165	.4468783	.2017701	.4968276	.6706589	13.35206
#1	.5627500	169.2194	5.025850	47.88543	.1794823	-.013031
#2	.5625799	170.7254	5.045943	48.32844	.1813574	-.010939
#3	.5664824	170.1482	5.033278	47.95260	.1817529	-.010085

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.064107	.1838784	2.533912	7.041226	F 10.46448	-.322876
Stddev	.005573	.0164000	.005861	.222303	.03493	.002274
%RSD	.5236993	8.918908	.2313045	3.157162	.3338159	.7042972
#1	1.065814	.1994926	2.527972	6.842580	10.46180	-.325239
#2	1.068626	.1667920	2.534073	7.281344	10.43096	-.322686
#3	1.057880	.1853506	2.539691	6.999753	10.50067	-.320703

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5126-15 Acquired: 01/03/2025 19:57:42 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHMM8 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0134899	3.746153	4.857478	.2281885	1.103772	.2611628
Stddev	.0006319	.012136	.030567	.0011121	.005986	.0014568
%RSD	4.684540	.3239642	.6292716	.4873751	.5422941	.5578173
#1	.0130360	3.738838	4.891269	.2273503	1.101559	.2598450
#2	.0142116	3.739459	4.849410	.2277652	1.099207	.2627272
#3	.0132220	3.760162	4.831754	.2294502	1.110549	.2609162

Elem	Li6707
Units	ppm
Avg	.0813808
Stddev	.0018427
%RSD	2.264297
#1	.0792566
#2	.0825507
#3	.0823350

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2004.617	20538.44	2018.049	1506.399	1900.498
Stddev	4.250	102.23	8.860	8.902	4.640
%RSD	.2120062	.4977457	.4390253	.5909496	.2441717
#1	2008.212	20637.51	2013.362	1516.579	1903.662
#2	2005.712	20433.33	2012.517	1502.542	1902.661
#3	1999.927	20544.49	2028.267	1500.075	1895.171

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5127-01 Acquired: 01/03/2025 20:01:28 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHMA8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1453575	-.021147	2.448606	.0677787	.0474326	50.49703
Stddev	.0056890	.005864	.008386	.0081622	.0019330	.13632
%RSD	3.913805	27.72856	.3424743	12.04243	4.075324	.2699579
#1	.1486846	-.025525	2.442900	.0681155	.0459112	50.65033
#2	.1485993	-.023430	2.458234	.0594533	.0496078	50.38944
#3	.1387886	-.014485	2.444684	.0757673	.0467788	50.45131

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.111538	.0081745	.0193665	352.3535	.1376277	.1058349
Stddev	.007335	.0000555	.0001531	1.0949	.0005913	.0006224
%RSD	.6599382	.6793347	.7906315	.3107298	.4296064	.5880603
#1	1.117184	.0081544	.0193173	353.6013	.1371164	.1065489
#2	1.114183	.0082373	.0195382	351.9053	.1382752	.1054075
#3	1.103247	.0081318	.0192440	351.5537	.1374915	.1055482

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5236672	191.5158	4.950985	173.5044	.2148850	-.013227
Stddev	.0054734	.5109	.029644	.8577	.0005296	.000897
%RSD	1.045197	.2667592	.5987486	.4943537	.2464570	6.784193
#1	.5288693	191.9091	4.983342	174.4288	.2146319	-.014244
#2	.5179579	190.9384	4.925135	172.7343	.2145294	-.012893
#3	.5241743	191.7000	4.944479	173.3501	.2154936	-.012545

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.092816	.1737302	4.674969	4.892376	F 11.05218	-.328655
Stddev	.013250	.0142594	.007758	.199833	.00727	.002542
%RSD	.3237317	8.207777	.1659469	4.084573	.0657550	.7735802
#1	4.108050	.1823829	4.682632	4.683437	11.04782	-.330784
#2	4.083979	.1815356	4.667119	5.081648	11.06057	-.325840
#3	4.086418	.1572722	4.675157	4.912043	11.04815	-.329340

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5127-01 Acquired: 01/03/2025 20:01:28 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHMA8 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0174076	8.512161	4.124570	.0773357	.7841326	.1514034
Stddev	.0005284	.015614	.010859	.0045704	.0021449	.0007472
%RSD	3.035247	.1834297	.2632641	5.909774	.2735328	.4935467
#1	.0175181	8.509456	4.133674	.0734401	.7856254	.1521944
#2	.0168327	8.528951	4.127486	.0762003	.7816748	.1507093
#3	.0178719	8.498077	4.112552	.0823668	.7850978	.1513064

Elem	Li6707
Units	ppm
Avg	.0533632
Stddev	.0038497
%RSD	7.214245
#1	.0501834
#2	.0522629
#3	.0576434

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1879.721	19225.16	1915.630	1398.487	1790.892
Stddev	3.019	47.01	2.929	4.652	1.549
%RSD	.1606126	.2445203	.1528889	.3326175	.0864846
#1	1879.880	19250.58	1912.750	1396.583	1789.560
#2	1882.657	19253.99	1915.536	1403.789	1792.592
#3	1876.625	19170.91	1918.605	1395.090	1790.525

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5127-02 Acquired: 01/03/2025 20:05:15 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHMA9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0899428	-.022200	1.395677	.0780298	.0439424	45.21155	.6240197
Stddev	.0017551	.004669	.001442	.0050470	.0030223	.06798	.0008934
%RSD	1.951338	21.03382	.1033236	6.468055	6.877897	.1503667	.1431685
#1	.0883347	-.019566	1.397118	.0812579	.0466410	45.28408	.6250395
#2	.0896787	-.027591	1.395679	.0806179	.0406767	45.14928	.6233748
#3	.0918150	-.019442	1.394233	.0722138	.0445093	45.20130	.6236448

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0056178	.0107502	277.0941	.0973464	.0986150	.3287599	197.9113
Stddev	.0000905	.0002216	.4383	.0003444	.0004271	.0120079	.2951
%RSD	1.610941	2.060996	.1581798	.3537825	.4331233	3.652481	.1490910
#1	.0056751	.0107467	277.3652	.0977149	.0982382	.3373613	197.9473
#2	.0055134	.0109735	276.5884	.0972915	.0985280	.3150410	197.5999
#3	.0056648	.0105304	277.3286	.0970327	.0990790	.3338773	198.1867

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.337436	63.09909	.1622192	-.012488	.7818217	.1716150	5.013087
Stddev	.019163	.22003	.0019715	.001637	.0087505	.0092118	.059874
%RSD	.3023777	.3487009	1.215305	13.10723	1.119247	5.367705	1.194361
#1	6.349072	63.25466	.1612137	-.014310	.7735981	.1694178	5.035080
#2	6.315318	62.84735	.1609533	-.012012	.7808490	.1817267	5.058856
#3	6.347917	63.19525	.1644907	-.011142	.7910179	.1637004	4.945327

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.109121	6.335932	-.401950	.0110163	2.550279	3.459925	.0567541
Stddev	.096992	.011791	.002989	.0003119	.010631	.028553	.0024295
%RSD	2.360413	.1861001	.7435665	2.830858	.4168648	.8252544	4.280777
#1	4.195339	6.347670	-.405147	.0110267	2.557280	3.490754	.0595001
#2	4.127920	6.324089	-.401478	.0113229	2.555512	3.434388	.0548838
#3	4.004106	6.336038	-.399226	.0106994	2.538046	3.454634	.0558785

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5127-02 Acquired: 01/03/2025 20:05:15 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHMA9 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	2.084193	.2136316	.0717500
Stddev	.004739	.0001910	.0037834
%RSD	.2273930	.0893824	5.272976
#1	2.085338	.2134154	.0674405
#2	2.078987	.2137773	.0745253
#3	2.088256	.2137019	.0732841

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1985.064	20308.52	1984.136	1485.959	1869.232
Stddev	8.215	165.12	8.709	16.280	6.770
%RSD	.4138554	.8130604	.4389280	1.095603	.3621562
#1	1979.066	20295.10	1977.065	1485.690	1865.012
#2	1981.697	20150.52	1993.864	1469.816	1865.645
#3	1994.427	20479.95	1981.478	1502.373	1877.041

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5127-03 Acquired: 01/03/2025 20:09:03 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHMB0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0909709	-.001110	1.078544	.0498071	.0306662	54.32070
Stddev	.0028340	.004988	.004200	.0066472	.0020922	.16112
%RSD	3.115231	449.3306	.3894498	13.34578	6.822678	.2966133
#1	.0889492	-.002119	1.077896	.0502742	.0311493	54.43811
#2	.0942102	.004305	1.074704	.0429388	.0324746	54.13701
#3	.0897533	-.005516	1.083030	.0562084	.0283746	54.38697

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9573859	.0056944	.0038990	F 847.5452	.0876081	.1310858
Stddev	.0032275	.0001709	.0000540	2.5073	.0010642	.0007137
%RSD	.3371181	3.001580	1.384990	.2958337	1.214686	.5444605
#1	.9540410	.0058177	.0039556	845.4613	.0888277	.1305512
#2	.9576351	.0057663	.0038935	846.8465	.0871282	.1318963
#3	.9604816	.0054993	.0038480	850.3277	.0868685	.1308100

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1508537	172.7848	16.16147	129.8063	.1664583	-.011468
Stddev	.0059131	.2730	.02850	.6728	.0010195	.000275
%RSD	3.919789	.1580060	.1763482	.5182833	.6124603	2.396038
#1	.1499011	173.0050	16.17647	130.4458	.1663283	-.011784
#2	.1571853	172.4793	16.12860	129.1046	.1655100	-.011323
#3	.1454747	172.8700	16.17933	129.8685	.1675366	-.011296

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.136554	.1160273	.8092444	10.15544	5.565157	-.297572
Stddev	.013617	.0176017	.0021293	.02900	.025550	.003248
%RSD	1.198070	15.17031	.2631264	.2855488	.4591079	1.091399
#1	1.146727	.1078461	.8104700	10.16296	5.540942	-.300771
#2	1.121085	.1362306	.8104776	10.12342	5.562669	-.297668
#3	1.141850	.1040051	.8067857	10.17993	5.591860	-.294278

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5127-03 Acquired: 01/03/2025 20:09:03 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHMB0 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0081975	2.650534	4.976087	.0457571	.3673716	.6124838
Stddev	.0013645	.016170	.027588	.0009701	.0043124	.0007070
%RSD	16.64548	.6100777	.5544091	2.120178	1.173851	.1154276
#1	.0076103	2.635273	5.005721	.0460383	.3717182	.6127410
#2	.0097573	2.648848	4.951149	.0465556	.3630943	.6116843
#3	.0072249	2.667482	4.971391	.0446775	.3673022	.6130262

Elem	Li6707
Units	ppm
Avg	.1200709
Stddev	.0017394
%RSD	1.448667
#1	.1192419
#2	.1220697
#3	.1189010

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1960.886	20044.79	2017.429	1458.214	1712.231
Stddev	4.695	86.96	10.854	6.595	5.355
%RSD	.2394332	.4338036	.5380155	.4522481	.3127400
#1	1959.452	19986.38	2004.932	1457.001	1714.416
#2	1966.131	20003.27	2022.852	1452.311	1716.148
#3	1957.076	20144.72	2024.503	1465.332	1706.129

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5127-07 Acquired: 01/03/2025 20:12:53 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHMB9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1004622	-.012281	1.677497	.0537959	.0329050	60.10910
Stddev	.0013419	.001928	.003592	.0077002	.0005270	.25557
%RSD	1.335695	15.69767	.2141462	14.31370	1.601662	.4251777
#1	.1007172	-.014448	1.678591	.0499803	.0334756	59.86701
#2	.1016582	-.010756	1.673485	.0487485	.0328030	60.37630
#3	.0990111	-.011639	1.680416	.0626588	.0324365	60.08400

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.014490	.0050944	.0089353	120.9768	.1271283	.0859712
Stddev	.000508	.0000417	.0000901	.2503	.0003834	.0006996
%RSD	.0500444	.8182374	1.008463	.2068999	.3015936	.8137794
#1	1.014633	.0051282	.0089558	120.7662	.1269221	.0866575
#2	1.014911	.0050479	.0088368	121.2535	.1275707	.0852590
#3	1.013926	.0051072	.0090134	120.9106	.1268921	.0859970

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2695950	132.4205	5.516784	39.86683	.1592231	-.008049
Stddev	.0035979	.5200	.016673	.25100	.0009392	.001033
%RSD	1.334539	.3927238	.3022274	.6295947	.5898517	12.83824
#1	.2677047	131.9774	5.507184	39.77935	.1601148	-.009042
#2	.2737439	132.9930	5.536036	40.14987	.1582427	-.008126
#3	.2673362	132.2910	5.507131	39.67128	.1593117	-.006979

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5562518	.1568508	2.310884	7.967561	F 14.93960	-.257184
Stddev	.0250188	.0046525	.004782	.266563	.03029	.001664
%RSD	4.497740	2.966193	.2069345	3.345605	.2027784	.6471841
#1	.5281801	.1550885	2.306454	8.171094	14.92032	-.258372
#2	.5643781	.1533368	2.315954	8.065760	14.92397	-.257899
#3	.5761972	.1621270	2.310245	7.665828	14.97452	-.255282

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5127-07 Acquired: 01/03/2025 20:12:53 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHMB9 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0130620	5.344675	6.651943	.0677840	1.036681	.0936606
Stddev	.0009860	.017438	.028044	.0012050	.007983	.0008519
%RSD	7.548864	.3262754	.4215862	1.777707	.7700053	.9095755
#1	.0139791	5.325601	6.668778	.0680721	1.034942	.0941469
#2	.0131879	5.348624	6.667481	.0664610	1.045390	.0941579
#3	.0120191	5.359801	6.619570	.0688187	1.029712	.0926769

Elem	Li6707
Units	ppm
Avg	.0639375
Stddev	.0007808
%RSD	1.221230
#1	.0640643
#2	.0646472
#3	.0631010

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1982.406	20296.77	1982.767	1490.864	1928.026
Stddev	7.716	13.04	12.673	2.576	6.550
%RSD	.3892007	.0642376	.6391414	.1728192	.3397445
#1	1984.797	20311.45	1975.156	1493.131	1931.621
#2	1988.644	20286.54	1975.749	1488.062	1931.991
#3	1973.779	20292.32	1997.396	1491.401	1920.465

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5127-08 Acquired: 01/03/2025 20:16:41 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHMC0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1227935	-.016134	1.801565	.0689179	.0355012	70.47747
Stddev	.0020919	.003976	.007554	.0013080	.0041393	.24303
%RSD	1.703607	24.64637	.4193190	1.897922	11.65970	.3448393
#1	.1233648	-.012406	1.801125	.0674589	.0307351	70.38042
#2	.1204753	-.015675	1.809330	.0693093	.0375719	70.29796
#3	.1245404	-.020319	1.794241	.0699855	.0381966	70.75404

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.011326	.0059480	.0075283	145.8892	.1336227	.0987541
Stddev	.000968	.0000382	.0000600	.3280	.0005108	.0007337
%RSD	.0957029	.6424244	.7970082	.2248603	.3822899	.7429959
#1	1.011235	.0059552	.0074799	145.5944	.1337994	.0988828
#2	1.012336	.0059821	.0075096	145.8307	.1330470	.0994149
#3	1.010406	.0059067	.0075955	146.2426	.1340217	.0979645

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2962463	160.2550	6.503558	57.88528	.1850484	-.010169
Stddev	.0134276	.2599	.016372	.17357	.0008099	.001901
%RSD	4.532568	.1621652	.2517423	.2998474	.4376811	18.69499
#1	.2898926	160.0714	6.501625	58.04023	.1851454	-.009691
#2	.3116715	160.1413	6.488238	57.69772	.1858055	-.012263
#3	.2871748	160.5524	6.520811	57.91790	.1841944	-.008552

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6404925	.1809491	2.517992	7.510693	F 12.67654	-.311536
Stddev	.0200726	.0136984	.019232	.153080	.01246	.001135
%RSD	3.133924	7.570309	.7637674	2.038159	.0982643	.3643473
#1	.6612474	.1724162	2.519945	7.637100	12.67957	-.310427
#2	.6390499	.1736814	2.497858	7.554492	12.68721	-.312695
#3	.6211802	.1967498	2.536173	7.340487	12.66285	-.311486

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5127-08 Acquired: 01/03/2025 20:16:41 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHMC0 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0138978	5.388671	6.192243	.0803265	1.056785	.0837370
Stddev	.0005854	.009379	.030629	.0036065	.001230	.0002430
%RSD	4.212029	.1740487	.4946346	4.489793	.1163785	.2902144
#1	.0134468	5.378696	6.213833	.0763089	1.055499	.0839018
#2	.0145594	5.397311	6.205708	.0813862	1.057950	.0834579
#3	.0136873	5.390005	6.157189	.0832844	1.056907	.0838513

Elem	Li6707
Units	ppm
Avg	.0789929
Stddev	.0038050
%RSD	4.816925
#1	.0833858
#2	.0767266
#3	.0768662

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1983.613	20197.84	1992.811	1488.186	1885.693
Stddev	2.903	114.13	10.375	15.489	3.007
%RSD	.1463594	.5650559	.5206107	1.040828	.1594579
#1	1980.551	20131.65	1980.849	1483.238	1882.399
#2	1986.326	20329.62	1998.230	1505.545	1886.389
#3	1983.963	20132.24	1999.354	1475.774	1888.291

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5127-09 Acquired: 01/03/2025 20:20:27 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHMC1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1277139	-.019313	2.394250	.0663229	.0406770	58.52067
Stddev	.0025106	.002630	.005646	.0042929	.0043934	.31235
%RSD	1.965812	13.61667	.2358052	6.472668	10.80064	.5337428
#1	.1297750	-.021854	2.399743	.0670174	.0388036	58.27940
#2	.1284490	-.019484	2.388463	.0617252	.0375309	58.40913
#3	.1249178	-.016602	2.394543	.0702262	.0456965	58.87348

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.084792	.0060787	.0082528	145.9059	.1361171	.0978472
Stddev	.005012	.0001427	.0001623	.6366	.0003773	.0007225
%RSD	.4620643	2.347882	1.966400	.4362927	.2771606	.7384110
#1	1.085510	.0059276	.0080833	145.5615	.1365525	.0986809
#2	1.079460	.0060973	.0084068	145.5157	.1358871	.0974571
#3	1.089408	.0062112	.0082683	146.6405	.1359117	.0974036

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3316953	157.9384	5.616984	52.33281	.2138159	-.010981
Stddev	.0126618	1.0169	.031431	.52768	.0015828	.001553
%RSD	3.817309	.6438430	.5595764	1.008316	.7402696	14.14636
#1	.3224664	157.1142	5.589107	52.06676	.2156427	-.012450
#2	.3264892	157.6262	5.610798	51.99111	.2129514	-.011138
#3	.3461302	159.0747	5.651049	52.94055	.2128536	-.009355

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6735194	.1660622	2.881208	6.862647	F 10.03637	-.307863
Stddev	.0151401	.0095397	.008305	.054865	.02219	.001598
%RSD	2.247915	5.744686	.2882566	.7994695	.2210880	.5189725
#1	.6804966	.1619112	2.881803	6.813936	10.04271	-.306370
#2	.6561487	.1593012	2.872621	6.851923	10.01170	-.307671
#3	.6839129	.1769742	2.889199	6.922082	10.05469	-.309548

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5127-09 Acquired: 01/03/2025 20:20:27 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHMC1 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0141179	3.446015	5.678784	.1182280	.9383534	.0981104
Stddev	.0002644	.012207	.023748	.0013847	.0157163	.0007281
%RSD	1.872887	.3542317	.4181941	1.171244	1.674878	.7421479
#1	.0140148	3.431951	5.677462	.1198259	.9280430	.0972696
#2	.0139206	3.452236	5.703165	.1173772	.9305753	.0985246
#3	.0144183	3.453858	5.655724	.1174811	.9564420	.0985369

Elem	Li6707
Units	ppm
Avg	.0743386
Stddev	.0030522
%RSD	4.105859
#1	.0709420
#2	.0752222
#3	.0768516

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2034.356	20685.46	2031.377	1519.336	1940.064
Stddev	4.776	140.54	9.245	7.305	1.013
%RSD	.2347461	.6794355	.4551282	.4807706	.0522060
#1	2039.839	20537.89	2023.963	1514.360	1940.262
#2	2031.104	20817.73	2028.433	1527.722	1940.963
#3	2032.125	20700.75	2041.736	1515.927	1938.967

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5127-10 Acquired: 01/03/2025 20:24:16 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHMC2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2743848	-.089747	8.751085	.2065834	.0693165	52.56561
Stddev	.0025549	.001525	.007968	.0113298	.0042125	.32624
%RSD	.9311277	1.699639	.0910566	5.484390	6.077217	.6206427
#1	.2742966	-.088857	8.744046	.1938048	.0736692	52.21608
#2	.2718752	-.091509	8.759736	.2105446	.0690206	52.61869
#3	.2769827	-.088876	8.749472	.2154009	.0652598	52.86206

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.566792	.0104011	.0108103	187.0888	.1892472	.1221265
Stddev	.004062	.0001053	.0002930	.6139	.0010259	.0004411
%RSD	.2592847	1.012736	2.710644	.3281269	.5421151	.3611539
#1	1.562190	.0104122	.0106967	186.3840	.1890793	.1218778
#2	1.569880	.0105004	.0105911	187.3760	.1883155	.1226358
#3	1.568307	.0102906	.0111431	187.5064	.1903467	.1218659

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6643186	419.9767	6.742079	54.57176	.8271822	-.028516
Stddev	.0120064	2.3528	.030812	.28184	.0009870	.001179
%RSD	1.807321	.5602103	.4570072	.5164605	.1193189	4.132928
#1	.6580659	417.3204	6.711296	54.30463	.8271460	-.028718
#2	.6781609	420.8113	6.742022	54.54436	.8281868	-.027250
#3	.6567291	421.7984	6.772919	54.86631	.8262138	-.029581

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.193278	.2356829	3.105485	7.380408	F 10.75834	-.902878
Stddev	.016460	.0034720	.014153	.054602	.00918	.011413
%RSD	1.379365	1.473178	.4557426	.7398199	.0853305	1.264103
#1	1.186935	.2323597	3.098804	7.317709	10.75184	-.897193
#2	1.211966	.2392867	3.095909	7.417496	10.76884	-.916018
#3	1.180934	.2354025	3.121742	7.406020	10.75433	-.895424

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5127-10 Acquired: 01/03/2025 20:24:16 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHMC2 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0202126	4.576988	5.383664	7.512731	1.037169	-.039316
Stddev	.0007136	.011864	.058500	.009899	.008694	.000566
%RSD	3.530464	.2592005	1.086628	.1317693	.8382855	1.440860
#1	.0194715	4.565554	5.357312	7.502412	1.027868	-.038953
#2	.0208950	4.576172	5.450706	7.513633	1.038547	-.039027
#3	.0202712	4.589239	5.342975	7.522149	1.045092	-.039969

Elem	Li6707
Units	ppm
Avg	.0812182
Stddev	.0012422
%RSD	1.529441
#1	.0799016
#2	.0823694
#3	.0813836

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2029.452	20741.34	2043.882	1515.803	1941.557
Stddev	5.461	115.34	11.056	10.024	1.880
%RSD	.2691019	.5560926	.5409142	.6613300	.0968278
#1	2032.798	20685.21	2044.045	1511.832	1940.976
#2	2032.407	20874.00	2032.745	1527.204	1943.659
#3	2023.149	20664.81	2054.854	1508.372	1940.037

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5127-11 Acquired: 01/03/2025 20:28:01 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHMC3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1431709	-.015001	3.559267	.0614248	.0425757	47.09639	1.428710
Stddev	.0042156	.002759	.004791	.0063184	.0023208	.07938	.004438
%RSD	2.944450	18.39329	.1346058	10.28631	5.450977	.1685530	.3106051
#1	.1477494	-.017481	3.557050	.0683079	.0435178	47.18802	1.427609
#2	.1394501	-.012029	3.555986	.0558883	.0442772	47.04848	1.433594
#3	.1423132	-.015494	3.564765	.0600783	.0399320	47.05266	1.424926

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0066672	.0061945	197.0637	.1353287	.1002543	.4594715	161.3848
Stddev	.0003380	.0002035	.3209	.0006014	.0006750	.0177756	.5572
%RSD	5.070020	3.285454	.1628506	.4444068	.6732886	3.868710	.3452376
#1	.0069170	.0063660	197.4319	.1358665	.1003438	.4583441	162.0099
#2	.0068021	.0059696	196.9152	.1346793	.1008801	.4777839	161.2041
#3	.0062826	.0062478	196.8439	.1354403	.0995390	.4422864	160.9405

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.099150	48.01799	.1738832	-.009363	.9921423	.1869210	2.516482
Stddev	.005107	.29681	.0008494	.001450	.0129016	.0026305	.014084
%RSD	.1001614	.6181238	.4885175	15.48460	1.300382	1.407300	.5596758
#1	5.104605	48.33286	.1748427	-.008685	.9774066	.1865016	2.511755
#2	5.094482	47.97775	.1732272	-.011028	1.001407	.1845253	2.532322
#3	5.098363	47.74335	.1735797	-.008376	.997614	.1897360	2.505370

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.539754	9.775888	-.318428	.0119894	4.728121	4.921257	.2021471
Stddev	.145496	.013806	.004098	.0005140	.021086	.021375	.0016545
%RSD	2.224793	.1412224	1.286834	4.287273	.4459667	.4343467	.8184379
#1	6.458080	9.777125	-.323100	.0115798	4.707953	4.939040	.2029733
#2	6.707737	9.761505	-.316739	.0118222	4.726392	4.927187	.2002423
#3	6.453444	9.789033	-.315445	.0125662	4.750018	4.897542	.2032258

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5127-11 Acquired: 01/03/2025 20:28:01 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHMC3 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	1.032801	.2617592	.0791502
Stddev	.005279	.0004559	.0012103
%RSD	.5110963	.1741836	1.529120
#1	1.037852	.2622831	.0778918
#2	1.027321	.2615425	.0792528
#3	1.033230	.2614519	.0803059

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2010.573	20673.62	2034.027	1515.756	1909.368
Stddev	3.072	105.84	10.081	4.544	2.092
%RSD	.1528027	.5119573	.4955980	.2998066	.1095566
#1	2013.102	20629.44	2022.722	1520.518	1908.702
#2	2011.463	20794.39	2042.081	1511.466	1911.712
#3	2007.154	20597.03	2037.278	1515.285	1907.691

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5127-12 Acquired: 01/03/2025 20:31:50 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHMC4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1186874	-.021434	4.553332	.0722037	.0469750	52.86803
Stddev	.0015404	.004558	.008179	.0064482	.0022101	.08760
%RSD	1.297869	21.26657	.1796202	8.930623	4.704791	.1656920
#1	.1197844	-.023173	4.558646	.0680883	.0455266	52.76727
#2	.1169263	-.024868	4.557436	.0796351	.0495188	52.92611
#3	.1193514	-.016262	4.543914	.0688875	.0458795	52.91071

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.735416	.0059666	.0057160	170.4292	.1374792	.1091767
Stddev	.010346	.0002532	.0000499	.3672	.0018940	.0004410
%RSD	.5961593	4.242832	.8733278	.2154647	1.377687	.4039619
#1	1.735736	.0057169	.0057723	170.5109	.1371066	.1096177
#2	1.724914	.0062231	.0056986	170.0281	.1395318	.1087356
#3	1.745598	.0059599	.0056771	170.7488	.1357991	.1091767

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7223804	170.5148	7.561617	48.41653	.1534410	-.009312
Stddev	.0077056	.1294	.008568	.11293	.0009781	.000771
%RSD	1.066689	.0758797	.1133079	.2332502	.6374740	8.281987
#1	.7159669	170.5294	7.556355	48.54057	.1524298	-.008483
#2	.7202461	170.6363	7.571503	48.31967	.1543823	-.010009
#3	.7309281	170.3788	7.556992	48.38936	.1535109	-.009444

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9379305	.1483354	3.325602	7.024951	F 11.38833	-.342842
Stddev	.0097669	.0005627	.003664	.139939	.00946	.005950
%RSD	1.041324	.3793436	.1101615	1.992023	.0830460	1.735415
#1	.9395752	.1483613	3.321481	7.122964	11.39616	-.337832
#2	.9467707	.1488847	3.328488	6.864688	11.39101	-.349418
#3	.9274457	.1477602	3.326838	7.087199	11.37783	-.341276

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5127-12 Acquired: 01/03/2025 20:31:50 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHMC4 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0116232	2.395699	4.942519	.3185383	.9171754	.1912618
Stddev	.0005995	.005737	.024558	.0009204	.0036897	.0006557
%RSD	5.157706	.2394898	.4968749	.2889290	.4022909	.3428060
#1	.0109925	2.395642	4.957150	.3184432	.9204699	.1905389
#2	.0121857	2.389991	4.956241	.3195026	.9178678	.1914284
#3	.0116913	2.401465	4.914167	.3176693	.9131886	.1918180

Elem	Li6707
Units	ppm
Avg	.0874610
Stddev	.0037333
%RSD	4.268516
#1	.0916952
#2	.0860449
#3	.0846429

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2083.569	21261.37	2102.122	1559.814	1920.735
Stddev	4.132	36.64	10.353	2.862	1.836
%RSD	.1983110	.1723448	.4925220	.1834620	.0955987
#1	2082.671	21268.45	2092.023	1558.337	1918.709
#2	2088.077	21293.96	2101.631	1563.112	1922.291
#3	2079.961	21221.70	2112.712	1557.992	1921.204

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5127-13 Acquired: 01/03/2025 20:35:39 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHMC5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0978125	-.013353	2.172817	.0603169	.0340813	59.45723
Stddev	.0034163	.003761	.004493	.0009449	.0037486	.37830
%RSD	3.492728	28.16797	.2067866	1.566542	10.99893	.6362584
#1	.0999019	-.010991	2.168782	.0596286	.0308531	59.48517
#2	.0996656	-.011377	2.177659	.0613942	.0331982	59.06573
#3	.0938701	-.017690	2.172011	.0599278	.0381925	59.82079

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.237337	.0051191	.0041541	135.7998	.1197795	.1116727
Stddev	.009997	.0000695	.0000544	.8770	.0009986	.0005213
%RSD	.8079775	1.358516	1.308866	.6457809	.8336623	.4667657
#1	1.231218	.0050388	.0041459	135.1262	.1189403	.1114154
#2	1.231919	.0051583	.0041043	135.4818	.1208839	.1122725
#3	1.248874	.0051602	.0042121	136.7914	.1195143	.1113301

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3183483	144.1719	5.934495	40.17078	.1413683	-.008722
Stddev	.0057733	1.0633	.039820	.26035	.0012233	.000964
%RSD	1.813503	.7374959	.6709863	.6481200	.8653459	11.05281
#1	.3180407	144.1082	5.921142	40.30145	.1420413	-.007657
#2	.3242693	143.1419	5.903068	39.87097	.1399563	-.008975
#3	.3127351	145.2656	5.979275	40.33992	.1421074	-.009534

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7890314	.1355200	1.498833	6.527953	F 15.14807	-.292813
Stddev	.0199347	.0095884	.010521	.086402	.01830	.003665
%RSD	2.526482	7.075264	.7019411	1.323564	.1208033	1.251737
#1	.7681492	.1245557	1.488277	6.460601	15.13046	-.288964
#2	.7910854	.1396698	1.498905	6.497886	15.14677	-.293214
#3	.8078596	.1423346	1.509319	6.625370	15.16698	-.296261

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5127-13 Acquired: 01/03/2025 20:35:39 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHMC5 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0104593	1.944065	4.378610	.0951475	.8557742	.1766098
Stddev	.0012169	.000852	.023913	.0005577	.0145271	.0006564
%RSD	11.63484	.0438154	.5461298	.5860886	1.697542	.3716528
#1	.0096354	1.943299	4.368226	.0948568	.8704372	.1759711
#2	.0098855	1.943913	4.361644	.0947952	.8413869	.1765757
#3	.0118571	1.944982	4.405959	.0957904	.8554983	.1772825

Elem	Li6707
Units	ppm
Avg	.1064699
Stddev	.0034718
%RSD	3.260860
#1	.1029699
#2	.1065269
#3	.1099128

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2261.570	23224.34	2305.841	1708.439	1893.131
Stddev	3.929	170.51	11.122	8.747	4.794
%RSD	.1737231	.7341713	.4823403	.5119855	.2532127
#1	2265.873	23421.12	2302.107	1718.214	1897.379
#2	2260.663	23120.38	2318.349	1705.753	1894.080
#3	2258.174	23131.53	2297.066	1701.350	1887.934

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5127-14 Acquired: 01/03/2025 20:39:28 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHMD7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3010916	-.008830	5.563541	.0742059	.0368156	57.32904
Stddev	.0065882	.003509	.018941	.0017740	.0032706	.38875
%RSD	2.188113	39.73986	.3404553	2.390657	8.883776	.6780964
#1	.3006999	-.010912	5.572646	.0733267	.0359447	57.62089
#2	.2947080	-.004778	5.541767	.0730433	.0340686	56.88775
#3	.3078670	-.010798	5.576211	.0762478	.0404335	57.47848

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.146706	.0061738	.0095635	589.9518	.1370227	.1474859
Stddev	.006905	.0001943	.0001727	2.0319	.0014850	.0004911
%RSD	.2194233	3.147331	1.805472	.3444137	1.083772	.3330081
#1	3.150376	.0063822	.0095549	590.2118	.1356563	.1480289
#2	3.138741	.0061416	.0097403	587.8024	.1386031	.1470727
#3	3.151001	.0059976	.0093953	591.8411	.1368089	.1473561

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9317655	182.9458	15.35274	55.66597	.2039479	-.009005
Stddev	.0060603	1.1605	.06212	.16736	.0015058	.000510
%RSD	.6504057	.6343435	.4046167	.3006430	.7383216	5.664882
#1	.9345531	183.8358	15.38076	55.76568	.2050275	-.009391
#2	.9248130	181.6332	15.28154	55.47276	.2022277	-.008427
#3	.9359303	183.3683	15.39590	55.75948	.2045884	-.009198

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8804419	.1706260	3.248455	8.784218	F 12.27259	-.363177
Stddev	.0108147	.0081733	.012230	.163644	.04145	.004768
%RSD	1.228323	4.790165	.3764952	1.862931	.3377625	1.312842
#1	.8688410	.1778182	3.262240	8.781537	12.27193	-.368683
#2	.8902450	.1617378	3.238904	8.621932	12.23147	-.360423
#3	.8822398	.1723221	3.244221	8.949187	12.31436	-.360426

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5127-14 Acquired: 01/03/2025 20:39:28 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHMD7 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0101538	2.947788	5.380880	.1194359	.7686428	.3831718
Stddev	.0008646	.005382	.046952	.0029339	.0083471	.0018183
%RSD	8.515286	.1825716	.8725699	2.456445	1.085959	.4745384
#1	.0104941	2.943600	5.431890	.1186936	.7701391	.3845201
#2	.0091709	2.953858	5.339470	.1169445	.7596488	.3811038
#3	.0107966	2.945906	5.371279	.1226696	.7761407	.3838916

Elem	Li6707
Units	ppm
Avg	.0753495
Stddev	.0038265
%RSD	5.078347
#1	.0718378
#2	.0747831
#3	.0794277

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2086.370	21398.17	2132.734	1565.022	1800.518
Stddev	7.005	89.09	16.339	4.303	2.622
%RSD	.3357343	.4163309	.7661069	.2749621	.1456104
#1	2081.618	21486.86	2115.749	1560.776	1799.725
#2	2083.077	21398.95	2148.340	1569.381	1798.384
#3	2094.414	21308.69	2134.112	1564.910	1803.444

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5127-15 Acquired: 01/03/2025 20:43:16 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHMD8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1925552	-.004863	4.402847	.0698842	.0355476	62.18741
Stddev	.0041696	.002770	.002934	.0035529	.0024915	.07809
%RSD	2.165396	56.95980	.0666481	5.083957	7.009056	.1255724
#1	.1972892	-.008018	4.400329	.0718953	.0362162	62.11331
#2	.1894283	-.002834	4.406069	.0657819	.0376366	62.17996
#3	.1909481	-.003736	4.402142	.0719752	.0327900	62.26896

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.946569	.0061720	.0069524	397.0765	.1207663	.1355624
Stddev	.006892	.0000833	.0001050	.4560	.0007343	.0014367
%RSD	.3540484	1.349862	1.510542	.1148327	.6080662	1.059829
#1	1.953532	.0062438	.0069184	397.1789	.1202363	.1371703
#2	1.946424	.0061915	.0068687	396.5781	.1216045	.1351123
#3	1.939751	.0060806	.0070703	397.4726	.1204581	.1344046

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5826325	177.0549	15.71305	55.84403	.1765829	-.008941
Stddev	.0074096	.2155	.01622	.01366	.0011023	.001839
%RSD	1.271752	.1216857	.1032316	.0244603	.6242614	20.56629
#1	.5749913	176.9616	15.73166	55.82856	.1778193	-.007874
#2	.5831198	177.3013	15.70188	55.85440	.1757026	-.011064
#3	.5897865	176.9019	15.70562	55.84914	.1762270	-.007884

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6931650	.1659617	2.160077	7.516835	F 11.10467	-.360835
Stddev	.0159472	.0042903	.007903	.217398	.00693	.004531
%RSD	2.300642	2.585118	.3658761	2.892154	.0624195	1.255691
#1	.6984473	.1610431	2.167849	7.428632	11.10630	-.365250
#2	.7058008	.1689335	2.160333	7.357399	11.09707	-.356197
#3	.6752468	.1679083	2.152049	7.764473	11.11065	-.361058

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5127-15 Acquired: 01/03/2025 20:43:16 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHMD8 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0094439	2.187866	5.155952	.1248266	.7176488	.2734987
Stddev	.0004778	.004311	.019891	.0005624	.0017948	.0007095
%RSD	5.058993	.1970220	.3857892	.4505721	.2500939	.2594307
#1	.0088973	2.192594	5.170481	.1242416	.7157385	.2740004
#2	.0097817	2.186848	5.164095	.1248747	.7192998	.2726869
#3	.0096527	2.184155	5.133282	.1253634	.7179081	.2738088

Elem	Li6707
Units	ppm
Avg	.0844664
Stddev	.0008860
%RSD	1.048998
#1	.0836023
#2	.0853729
#3	.0844240

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2107.945	21766.43	2152.870	1593.147	1844.270
Stddev	8.195	122.49	.949	3.810	5.868
%RSD	.3887877	.5627296	.0440780	.2391210	.3181549
#1	2116.871	21816.36	2153.668	1597.178	1850.870
#2	2100.760	21856.07	2153.122	1592.657	1842.294
#3	2106.206	21626.87	2151.821	1589.606	1839.645

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: CCV105 Acquired: 01/03/2025 20:47:05 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV105 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.018794	4.885438	24.90570	4.914834	4.917710	402.2096
Stddev	.015961	.019617	.04083	.006486	.013162	.0913
%RSD	.3180228	.4015345	.1639512	.1319596	.2676473	.0227037
#1	5.000385	4.906296	24.94763	4.922064	4.925348	402.3081
#2	5.028755	4.882658	24.90340	4.909530	4.902512	402.1929
#3	5.027242	4.867359	24.86606	4.912906	4.925271	402.1278

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.27461	.5188284	2.506519	409.8528	15.53286	2.520104
Stddev	.03152	.0016182	.004035	1.0336	.01198	.005577
%RSD	.3067836	.3119036	.1609969	.2521841	.0771553	.2212866
#1	10.29227	.5200231	2.511152	411.0351	15.53570	2.526539
#2	10.23821	.5194753	2.504641	409.1206	15.54316	2.516688
#3	10.29334	.5169867	2.503766	409.4026	15.51970	2.517085

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.41470	408.7359	15.30672	405.8021	2.528403	1.258168
Stddev	.05975	.2773	.01498	.6645	.002646	.003105
%RSD	.3876488	.0678482	.0978857	.1637617	.1046446	.2467843
#1	15.47853	409.0557	15.32005	406.5443	2.530722	1.255806
#2	15.36010	408.5888	15.30960	405.2621	2.528966	1.261685
#3	15.40547	408.5630	15.29050	405.5999	2.525521	1.257014

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	409.3776	2.544431	14.77207	153.7985	4.967433	F 4.492403
Stddev	1.7475	.031524	.07664	.7879	.005835	.010539
%RSD	.4268720	1.238934	.5187887	.5122919	.1174671	.2346027
#1	411.0254	2.580584	14.69035	154.6820	4.971986	4.480432
#2	409.5625	2.522684	14.78354	153.1687	4.960855	4.500283
#3	407.5450	2.530025	14.84233	153.5448	4.969458	4.496495

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: CCV105 Acquired: 01/03/2025 20:47:05 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV105 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.910838	5.004274	5.086252	5.042880	5.112843	4.857784
Stddev	.011170	.012073	.012407	.012016	.006361	.010031
%RSD	.2274552	.2412501	.2439289	.2382773	.1244077	.2064883
#1	4.906856	5.006255	5.086763	5.056650	5.120150	4.869309
#2	4.902204	5.015234	5.098395	5.037465	5.108546	4.851025
#3	4.923453	4.991334	5.073598	5.034524	5.109832	4.853018

Elem	Li6707
Units	ppm
Avg	4.900919
Stddev	.015787
%RSD	.3221239
#1	4.909938
#2	4.882690
#3	4.910130

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1527.477	16728.52	1694.354	1142.373	1639.502
Stddev	4.080	41.94	5.872	3.225	2.594
%RSD	.2671021	.2506888	.3465699	.2823133	.1582361
#1	1528.075	16680.62	1689.086	1144.922	1636.556
#2	1531.225	16746.28	1693.292	1143.449	1641.445
#3	1523.132	16758.65	1700.685	1138.747	1640.506

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: CCB105 Acquired: 01/03/2025 20:50:50 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB105 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001183	.0015317	.0008377	.0067524	-.000771	.0053553	-.002127
Stddev	.0003515	.0039148	.0033798	.0036842	.002294	.0081034	.001354
%RSD	297.1693	255.5811	403.4748	54.56070	297.5631	151.3162	63.67278
#1	.0000420	.0013004	.0026333	.0109700	-.003136	.0144580	-.001442
#2	.0005016	-.002262	-.003061	.0051248	.001444	-.001072	-.001253
#3	-.000189	.005557	.002941	.0041623	-.000620	.002680	-.003687

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000077	-.000012	-.017258	.0004277	-.000033	.0001149	.0451028
Stddev	.0002158	.000049	.028339	.0001246	.000837	.0133402	.0406315
%RSD	2801.624	400.6734	164.2065	29.14199	2561.709	11613.24	90.08641
#1	-.000162	-.000069	.009377	.0004906	.000770	-.009280	.0831092
#2	.000251	.000018	-.014113	.0005083	.000032	.015384	.0499229
#3	-.000065	.000014	-.047038	.0002841	-.000900	-.005760	.0022762

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0046527	-.100055	-.000940	.0016232	.1113632	-.007749	-.000037
Stddev	.0010360	.105589	.000321	.0020920	.0127087	.007913	.000335
%RSD	22.26587	105.5314	34.08203	128.8817	11.41197	102.1096	897.4407
#1	.0041238	-.144012	-.001104	.0040205	.1110799	-.011602	.000014
#2	.0039880	-.176564	-.001146	.0006815	.1242112	-.012998	.000269
#3	.0058464	.020412	-.000571	.0001676	.0987984	.001352	-.000396

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2919990	-.002382	.0075868	-.000161	-.010551	-.001838	.0013262
Stddev	.2856004	.003812	.0032785	.000793	.001689	.000113	.0008300
%RSD	97.80868	160.0229	43.21290	493.5046	16.00447	6.167930	62.58521
#1	.3814525	.000734	.0087008	.000737	-.011347	-.001960	.0022801
#2	-.027621	-.001248	.0038965	-.000764	-.008611	-.001819	.0007694
#3	.522165	-.006632	.0101632	-.000455	-.011695	-.001735	.0009290

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: CCB105 Acquired: 01/03/2025 20:50:50 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB105 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	-.008766	-.000325	.0063660
Stddev	.003780	.000184	.0017057
%RSD	43.12136	56.55360	26.79346
#1	-.011605	-.000536	.0048301
#2	-.010216	-.000196	.0060662
#3	-.004475	-.000244	.0082017

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1819.565	18600.15	1807.413	1374.624	2015.568
Stddev	7.007	5.17	14.903	3.140	9.898
%RSD	.3851113	.0278040	.8245437	.2284482	.4910649
#1	1827.416	18597.19	1791.172	1374.102	2025.995
#2	1813.945	18606.12	1810.608	1377.992	2006.302
#3	1817.334	18597.14	1820.459	1371.777	2014.407

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: PB165506BL Acquired: 01/03/2025 20:54:51 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: PBS506 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001257	.0000253	-.001353	.0056704	.0022075	.0075638
Stddev	.004222	.0007790	.001115	.0015674	.0046275	.0192968
%RSD	335.7914	3080.110	82.42485	27.64220	209.6247	255.1212
#1	.001525	.0003797	-.001141	.0042144	-.000845	-.012269
#2	.000818	-.000868	-.000359	.0054674	-.000065	.026276
#3	-.006115	.000564	-.002559	.0073295	.007532	.008683

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.006320	.0000498	-.000057	-.120854	.0005429	-.000457
Stddev	.001030	.0001099	.000052	.033888	.0011027	.000206
%RSD	16.29961	220.8020	90.62083	28.04060	203.1176	45.00767
#1	-.006900	.0001455	-.000104	-.090956	.0013446	-.000624
#2	-.005131	-.000070	-.000001	-.157666	-.000715	-.000521
#3	-.006930	.000074	-.000067	-.113938	.000999	-.000227

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.006127	.0075753	.0044627	-.088845	-.001035	.0004484
Stddev	.016157	.0527633	.0010615	.136726	.000955	.0004758
%RSD	263.7282	696.5158	23.78529	153.8929	92.21539	106.1033
#1	-.024672	-.052486	.0051717	.034863	-.000673	-.000065
#2	.004911	.046462	.0049741	-.065751	-.000315	.000536
#3	.001381	.028751	.0032423	-.235647	-.002118	.000874

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0438766	-.004754	-.000215	.0636459	-.001530	-.000023
Stddev	.0353988	.008668	.000536	.1714117	.002243	.000491
%RSD	80.67812	182.3540	248.8869	269.3207	146.6027	2168.848
#1	.0810158	.005066	-.000438	-.047845	-.000752	.000241
#2	.0400917	-.007982	.000396	.261022	-.004058	-.000590
#3	.0105223	-.011345	-.000603	-.022240	.000221	.000280

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: PB165506BL Acquired: 01/03/2025 20:54:51 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: PBS506 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000515	-.009672	-.003770	F -.017318	-.005330	-.000267
Stddev	.000426	.004237	.000592	.000784	.003429	.000093
%RSD	82.72236	43.80378	15.69905	4.527527	64.33679	34.75905
#1	-.000740	-.004846	-.003091	-.017255	-.003027	-.000342
#2	-.000024	-.012780	-.004045	-.018132	-.003692	-.000296
#3	-.000783	-.011390	-.004174	-.016568	-.009271	-.000163

Elem	Li6707
Units	ppm
Avg	-.001649
Stddev	.001840
%RSD	111.5955
#1	.000023
#2	-.001349
#3	-.003621

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1835.259	18808.27	1833.136	1390.319	2032.410
Stddev	3.116	46.98	20.175	6.640	6.211
%RSD	.1697623	.2497986	1.100584	.4776243	.3056109
#1	1832.482	18754.36	1821.991	1382.655	2025.461
#2	1834.665	18829.97	1856.425	1393.926	2034.345
#3	1838.628	18840.49	1820.992	1394.375	2037.423

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: PB165506BS Acquired: 01/03/2025 20:58:52 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCS506 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0223933	.0518760	.0179377	.0618199	.1109769	.3971356
Stddev	.0037312	.0055233	.0040901	.0062118	.0022252	.0267045
%RSD	16.66212	10.64709	22.80157	10.04823	2.005108	6.724285
#1	.0236425	.0554755	.0211534	.0563536	.1127876	.4205322
#2	.0253397	.0546357	.0133343	.0685750	.1084928	.4028323
#3	.0181978	.0455167	.0193253	.0605311	.1116503	.3680424

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4110614	.0105437	.0098696	10.32410	.0211043	.1010327
Stddev	.0028767	.0000564	.0000442	.07240	.0009366	.0009224
%RSD	.6998233	.5352849	.4483604	.7012976	4.437896	.9130072
#1	.4141943	.0104796	.0098299	10.33488	.0213383	.1015846
#2	.4085388	.0105653	.0098616	10.39051	.0219017	.0999678
#3	.4104512	.0105861	.0099174	10.24691	.0200729	.1015458

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0439101	.1958712	.0373480	10.44782	.0795464	.0203352
Stddev	.0079275	.0204797	.0028115	.06105	.0020722	.0008908
%RSD	18.05385	10.45568	7.527897	.5842955	2.604989	4.380373
#1	.0479927	.2054459	.0352369	10.43187	.0816357	.0194043
#2	.0347735	.2098098	.0405394	10.51526	.0774917	.0211795
#3	.0489642	.1723579	.0362676	10.39634	.0795117	.0204217

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.576662	.0979204	.1179765	9.510684	.0184639	F -.001208
Stddev	.059396	.0072920	.0011912	.164296	.0010986	.001704
%RSD	.7839298	7.446810	1.009660	1.727489	5.950055	141.0494
#1	7.598478	.1002708	.1182840	9.690923	.0182480	-.002929
#2	7.622065	.1037473	.1166617	9.369295	.0174893	.000479
#3	7.509444	.0897431	.1189837	9.471834	.0196544	-.001175

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: PB165506BS Acquired: 01/03/2025 20:58:52 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCS506 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0209317	.1648274	F .4929516	F -.003427	.1860156	.2123127
Stddev	.0006027	.0078038	.0033762	.001918	.0060144	.0013391
%RSD	2.879243	4.734522	.6848864	55.97961	3.233256	.6306955
#1	.0206535	.1558534	.4941202	-.004136	.1836760	.2128335
#2	.0216232	.1700215	.4955882	-.004889	.1815225	.2133132
#3	.0205183	.1686071	.4891464	-.001255	.1928482	.2107915

Elem	Li6707
Units	ppm
Avg	.0268758
Stddev	.0046069
%RSD	17.14133
#1	.0317673
#2	.0262408
#3	.0226194

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1808.088	18558.65	1801.006	1362.804	2000.466
Stddev	4.082	112.62	7.987	8.302	2.378
%RSD	.2257841	.6068432	.4434471	.6092022	.1188622
#1	1810.642	18454.98	1795.562	1353.239	1998.246
#2	1810.242	18542.49	1797.282	1367.026	2002.975
#3	1803.380	18678.48	1810.174	1368.147	2000.178

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: PB165632BL Acquired: 01/03/2025 21:02:49 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: PBS632 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003553	.0016824	-.002483	.0000076	.0046906	.0046793
Stddev	.003488	.0033177	.001564	.0032956	.0019562	.0071889
%RSD	98.16842	197.1979	62.99782	43172.02	41.70505	153.6325
#1	-.005883	.0001376	-.002150	-.003664	.0046931	-.003553
#2	.000457	.0054909	-.004188	.002709	.0066456	.009720
#3	-.005234	-.000581	-.001112	.000978	.0027332	.007870

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.004487	-.000115	.0000050	-.047972	-.000641	-.000006
Stddev	.004254	.000275	.0000944	.010043	.000671	.000466
%RSD	94.80787	238.8177	1887.228	20.93608	104.6552	7618.927
#1	-.009101	.000196	-.000034	-.037846	.000026	.000245
#2	-.003636	-.000215	-.000063	-.057931	-.001317	.000281
#3	-.000722	-.000326	.000113	-.048139	-.000634	-.000544

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.017020	-.004967	.0050480	-.132243	-.000623	.0010331
Stddev	.013731	.007490	.0013422	.031920	.001078	.0005766
%RSD	80.67381	150.8093	26.58905	24.13720	173.1350	55.81831
#1	-.002754	-.007001	.0044875	-.096662	-.001513	.0003674
#2	-.018162	.003331	.0040768	-.158361	.000577	.0013523
#3	-.030144	-.011229	.0065796	-.141706	-.000933	.0013795

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000154	-.003663	-.000563	.1199239	.0006298	-.003307
Stddev	.0148456	.008077	.000356	.0900399	.0017857	.001437
%RSD	96178.67	220.5224	63.21790	75.08088	283.5381	43.43538
#1	.0078960	.001912	-.000971	.0423865	.0022055	-.003711
#2	-.017109	-.012926	-.000399	.2186772	-.001310	-.001712
#3	.009259	.000026	-.000318	.0987080	.000994	-.004499

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: PB165632BL Acquired: 01/03/2025 21:02:49 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: PBS632 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000755	-.009615	-.002711	F -.017298	-.005226	-.000149
Stddev	.000249	.003076	.001175	.002613	.000554	.000299
%RSD	32.96535	31.99554	43.36436	15.10372	10.60187	200.4294
#1	-.001024	-.009293	-.003248	-.017442	-.005155	-.000145
#2	-.000707	-.012840	-.003521	-.014616	-.005813	-.000450
#3	-.000533	-.006712	-.001363	-.019835	-.004711	.000148

Elem	Li6707
Units	ppm
Avg	-.006881
Stddev	.004694
%RSD	68.22441
#1	-.001740
#2	-.007963
#3	-.010940

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1827.175	18563.14	1805.761	1373.960	2021.910
Stddev	.609	38.13	4.496	1.213	3.362
%RSD	.0333042	.2054203	.2489866	.0882728	.1662801
#1	1826.956	18607.11	1810.368	1375.325	2019.046
#2	1827.863	18543.27	1801.384	1373.551	2021.072
#3	1826.706	18539.05	1805.530	1373.005	2025.612

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: PB165632BS Acquired: 01/03/2025 21:06:50 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCS632 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0214069	.0511189	.0157986	.0633734	.1084030	.4058031
Stddev	.0018893	.0032620	.0031385	.0050725	.0016740	.0323583
%RSD	8.825751	6.381292	19.86542	8.004210	1.544275	7.973890
#1	.0235688	.0485166	.0173065	.0692172	.1077685	.4310168
#2	.0200725	.0547784	.0178985	.0607952	.1071389	.3693161
#3	.0205794	.0500616	.0121908	.0601077	.1103015	.4170762

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4025858	.0105134	.0097262	10.08805	.0208094	.0993491
Stddev	.0032061	.0001448	.0000456	.07423	.0003482	.0006206
%RSD	.7963712	1.377370	.4693850	.7358675	1.673104	.6246297
#1	.4005723	.0106789	.0096766	10.00541	.0207305	.0999244
#2	.4062829	.0104517	.0097666	10.14908	.0211902	.0986915
#3	.4009021	.0104097	.0097354	10.10967	.0205074	.0994314

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0523066	.2339239	.0365997	10.24635	.0777299	.0201950
Stddev	.0113897	.0594419	.0008126	.16577	.0009319	.0006401
%RSD	21.77483	25.41080	2.220145	1.617799	1.198913	3.169688
#1	.0471430	.1912443	.0370988	10.19671	.0772267	.0194582
#2	.0653635	.2087108	.0370383	10.11108	.0771578	.0206148
#3	.0444133	.3018167	.0356621	10.43126	.0788053	.0205119

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.410801	.0968587	.1155406	9.408834	.0193141	F -.004330
Stddev	.029920	.0162871	.0009013	.251603	.0023245	.001324
%RSD	.4037388	16.81530	.7800451	2.674114	12.03534	30.58038
#1	7.444855	.0825964	.1159724	9.138370	.0219211	-.004515
#2	7.388727	.1146063	.1161448	9.635941	.0185639	-.005552
#3	7.398822	.0933734	.1145047	9.452191	.0174573	-.002923

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: PB165632BS Acquired: 01/03/2025 21:06:50 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCS632 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0205381	.1655846	F .4851462	F -.004621	.1888134	.2091140
Stddev	.0002079	.0076412	.0020850	.000288	.0066629	.0006565
%RSD	1.012082	4.614660	.4297668	6.242162	3.528839	.3139429
#1	.0205944	.1722319	.4874883	-.004563	.1811999	.2085837
#2	.0203078	.1672856	.4834922	-.004934	.1935793	.2098483
#3	.0207119	.1572363	.4844581	-.004366	.1916611	.2089101

Elem	Li6707
Units	ppm
Avg	.0218840
Stddev	.0027026
%RSD	12.34957
#1	.0188137
#2	.0229355
#3	.0239028

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1820.406	18604.18	1809.971	1369.627	2015.432
Stddev	.963	109.68	4.285	3.264	1.341
%RSD	.0529113	.5895633	.2367504	.2383047	.0665572
#1	1820.977	18669.57	1805.048	1365.966	2015.840
#2	1819.294	18477.55	1812.862	1370.680	2013.935
#3	1820.947	18665.42	1812.004	1372.234	2016.523

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: PB165726BL Acquired: 01/03/2025 21:10:47 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: PBS726 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003697	-.000347	-.001355	.0018664	.0004198	-.025270
Stddev	.002104	.004840	.001684	.0043117	.0014821	.049967
%RSD	56.91687	1395.610	124.3345	231.0210	352.9984	197.7338
#1	-.005265	-.004218	-.002903	.0050461	.0016522	.011059
#2	-.004522	-.001902	.000439	.0035943	-.001225	-.004616
#3	-.001305	.005079	-.001601	-.003041	.000832	-.082252

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.005767	-.000015	-.000040	-.054383	-.000712	.0000371
Stddev	.003123	.000121	.000090	.041261	.000648	.0006048
%RSD	54.15870	811.4022	224.3355	75.87145	91.04060	1629.632
#1	-.003679	.000121	.000019	-.046175	-.001038	-.000644
#2	-.009357	-.000054	.000004	-.017843	.000034	.000510
#3	-.004265	-.000111	-.000144	-.099131	-.001133	.000246

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.007335	.0021320	.0060729	-.142581	-.000954	.0004807
Stddev	.010689	.0471675	.0023470	.026313	.000609	.0018279
%RSD	145.7344	2212.407	38.64769	18.45447	63.85884	380.2218
#1	-.002369	.0420090	.0034253	-.160249	-.000474	-.000407
#2	-.000031	-.049934	.0068958	-.155153	-.000748	.002583
#3	-.019604	.014320	.0078978	-.112341	-.001639	-.000734

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.018596	-.002512	-.001384	.0852797	-.002878	-.004916
Stddev	.029339	.005378	.001026	.1794741	.000997	.000723
%RSD	157.7659	214.0814	74.13143	210.4536	34.65508	14.69804
#1	-.022583	-.004614	-.002350	.0026907	-.001758	-.004791
#2	-.045738	-.006521	-.001497	.2911805	-.003670	-.004264
#3	.012532	.003599	-.000306	-.038032	-.003205	-.005693

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: PB165726BL Acquired: 01/03/2025 21:10:47 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: PBS726 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000350	-.013565	-.003523	F -.018205	-.004076	.0000109
Stddev	.000740	.001043	.000354	.002480	.002679	.0000723
%RSD	211.5852	7.686954	10.03570	13.62162	65.71467	664.5559
#1	-.001144	-.013743	-.003275	-.020831	-.005243	.0000700
#2	-.000225	-.012445	-.003928	-.017879	-.001012	-.000070
#3	.000320	-.014508	-.003367	-.015904	-.005973	.000032

Elem	Li6707
Units	ppm
Avg	-.011445
Stddev	.004145
%RSD	36.21468
#1	-.014687
#2	-.012874
#3	-.006775

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1870.577	19171.22	1862.510	1413.518	2071.534
Stddev	2.925	109.86	4.423	7.413	3.562
%RSD	.1563741	.5730559	.2374633	.5244594	.1719376
#1	1867.224	19297.38	1866.752	1422.031	2067.421
#2	1872.607	19096.62	1862.851	1408.488	2073.547
#3	1871.900	19119.66	1857.927	1410.034	2073.633

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: PB165726BS Acquired: 01/03/2025 21:14:49 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCS726 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0201319	.0511919	.0166744	.0591416	.1070009	.3969919
Stddev	.0036683	.0032512	.0022113	.0015472	.0009282	.0566595
%RSD	18.22127	6.351019	13.26186	2.616019	.8674373	14.27221
#1	.0232231	.0521652	.0141368	.0573621	.1064678	.3348383
#2	.0210941	.0475653	.0176976	.0598949	.1064622	.4103770
#3	.0160784	.0538454	.0181889	.0601678	.1080726	.4457604

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4092805	.0104986	.0097026	10.05507	.0208103	.0992810
Stddev	.0004044	.0000479	.0002135	.07247	.0007031	.0009030
%RSD	.0988145	.4558325	2.200784	.7207401	3.378452	.9095181
#1	.4094074	.0105157	.0097525	10.00277	.0216220	.1002007
#2	.4088278	.0105355	.0094685	10.13779	.0204150	.0983957
#3	.4096063	.0104445	.0098868	10.02464	.0203939	.0992466

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0464451	.2203678	.0376027	10.19974	.0779905	.0196362
Stddev	.0048056	.0753433	.0012366	.04542	.0006425	.0013925
%RSD	10.34684	34.18979	3.288527	.4453248	.8237976	7.091331
#1	.0411742	.1337410	.0361852	10.24318	.0786704	.0194047
#2	.0505830	.2706425	.0384605	10.15256	.0773934	.0211299
#3	.0475779	.2567199	.0381623	10.20347	.0779076	.0183740

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.388636	.0967706	.1141049	9.363015	.0194080	F -.004261
Stddev	.021457	.0104000	.0016504	.107990	.0007191	.000857
%RSD	.2904061	10.74701	1.446420	1.153368	3.705066	20.12095
#1	7.410687	.1020420	.1155004	9.287337	.0185804	-.003523
#2	7.387394	.0847905	.1145310	9.486682	.0198809	-.005202
#3	7.367827	.1034793	.1122831	9.315025	.0197625	-.004059

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: PB165726BS Acquired: 01/03/2025 21:14:49 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCS726 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0195964	.1635591	F .4851040	F -.004972	.1971110	.2082546
Stddev	.0007956	.0057810	.0036169	.001007	.0065066	.0005582
%RSD	4.059909	3.534486	.7455945	20.25306	3.300962	.2680555
#1	.0193989	.1598898	.4886558	-.004473	.1931485	.2088988
#2	.0204721	.1702230	.4814253	-.006131	.2046203	.2079123
#3	.0189181	.1605645	.4852310	-.004312	.1935642	.2079528

Elem	Li6707
Units	ppm
Avg	F .0201192
Stddev	.0033442
%RSD	16.62212
#1	.0162576
#2	.0220394
#3	.0220607

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1829.210	18935.45	1825.782	1393.709	2024.040
Stddev	14.361	235.99	8.082	12.818	12.103
%RSD	.7851115	1.246296	.4426473	.9197100	.5979476
#1	1812.725	18814.76	1817.798	1384.308	2010.101
#2	1835.899	18784.21	1833.958	1388.509	2031.879
#3	1839.008	19207.38	1825.589	1408.310	2030.141

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: PB165741BL Acquired: 01/03/2025 21:18:44 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: PBS741 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0028066	-.001534	-.000279	.0078581	-.001148	-.011688
Stddev	.0027792	.003935	.000735	.0013628	.002137	.038452
%RSD	99.02246	256.5339	263.6892	17.34275	186.1053	329.0020
#1	.0044045	.001592	.000316	.0068360	.001305	.012257
#2	.0044179	-.000241	-.001101	.0094053	-.002149	-.056042
#3	-.000403	-.005952	-.000051	.0073328	-.002601	.008722

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.006544	-.000036	.0000167	-.043454	-.000676	-.000254
Stddev	.001348	.000105	.0000478	.033954	.000465	.000129
%RSD	20.59609	291.8183	285.9200	78.13789	68.77573	50.87765
#1	-.006351	-.000039	.0000448	-.081760	-.000802	-.000402
#2	-.007978	-.000140	-.000039	-.017063	-.001065	-.000163
#3	-.005304	.000071	.000044	-.031539	-.000161	-.000197

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002873	.0195204	.0050555	-.043438	-.001068	.0009810
Stddev	.010357	.0354275	.0015175	.077127	.001058	.0009717
%RSD	360.4446	181.4895	30.01700	177.5552	99.09129	99.04729
#1	.008919	.0491276	.0036090	-.132268	-.002261	.0013595
#2	-.010491	.0291642	.0049223	-.004535	-.000701	-.000123
#3	-.007048	-.019730	.0066352	.006489	-.000242	.001706

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.016803	-.010219	-.000731	-.142460	-.000363	-.004251
Stddev	.012126	.007504	.000378	.088907	.001519	.001011
%RSD	72.16890	73.43067	51.71401	62.40848	418.4705	23.77731
#1	-.029094	-.018030	-.001123	-.135118	-.001180	-.003469
#2	-.016464	-.009562	-.000369	-.234810	.001390	-.005392
#3	-.004849	-.003065	-.000699	-.057451	-.001299	-.003891

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: PB165741BL Acquired: 01/03/2025 21:18:44 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: PBS741 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000466	-.013487	-.002103	F -.018243	-.006107	-.000238
Stddev	.000181	.000862	.000437	.001868	.004181	.000390
%RSD	38.95781	6.394876	20.78784	10.23976	68.47200	164.0958
#1	-.000274	-.014063	-.001642	-.016171	-.010614	-.000598
#2	-.000489	-.012495	-.002157	-.018761	-.005352	-.000292
#3	-.000635	-.013902	-.002511	-.019798	-.002354	.000177

Elem	Li6707
Units	ppm
Avg	-.008137
Stddev	.005471
%RSD	67.23521
#1	-.005449
#2	-.014432
#3	-.004530

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1845.947	18819.27	1820.826	1386.754	2038.714
Stddev	4.542	74.42	5.392	4.016	4.268
%RSD	.2460514	.3954398	.2961311	.2895967	.2093690
#1	1851.103	18806.82	1824.458	1385.319	2042.684
#2	1844.201	18751.87	1814.631	1383.652	2039.259
#3	1842.538	18899.14	1823.390	1391.290	2034.199

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: PB165741BS Acquired: 01/03/2025 21:22:44 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCS741 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0231362	.0465857	.0156790	.0597945	.1068443	.3678857
Stddev	.0031001	.0052898	.0023458	.0048781	.0006639	.0412261
%RSD	13.39953	11.35501	14.96148	8.158020	.6213239	11.20622
#1	.0251430	.0456244	.0139500	.0642386	.1068533	.4048620
#2	.0195656	.0418424	.0183492	.0545754	.1075036	.3753620
#3	.0247000	.0522902	.0147377	.0605695	.1061760	.3234330

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4010575	.0104981	.0097263	10.09915	.0210063	.0998132
Stddev	.0037121	.0000604	.0000153	.05437	.0003633	.0000941
%RSD	.9255742	.5750202	.1573812	.5383648	1.729569	.0942599
#1	.4052068	.0105674	.0097089	10.04641	.0213783	.0999144
#2	.3999144	.0104696	.0097327	10.09603	.0209883	.0997283
#3	.3980515	.0104572	.0097374	10.15502	.0206523	.0997970

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0494668	.1862434	.0359720	10.28477	.0769999	.0202399
Stddev	.0058574	.0218105	.0035782	.07925	.0000622	.0009968
%RSD	11.84100	11.71075	9.947154	.7705484	.0807212	4.924932
#1	.0428902	.1911317	.0370158	10.34773	.0769811	.0191691
#2	.0513877	.2051949	.0319880	10.19578	.0769493	.0204097
#3	.0541225	.1624035	.0389123	10.31079	.0770693	.0211408

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.422465	.0938242	.1157250	9.334832	.0188295	F -.007557
Stddev	.023932	.0064712	.0013875	.125041	.0017954	.002007
%RSD	.3224230	6.897152	1.198926	1.339509	9.534840	26.55466
#1	7.406393	.0991584	.1157707	9.283753	.0173018	-.005242
#2	7.449969	.0956889	.1143153	9.243416	.0208070	-.008806
#3	7.411033	.0866254	.1170891	9.477326	.0183798	-.008623

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: PB165741BS Acquired: 01/03/2025 21:22:44 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCS741 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0192335	.1693809	F .4864442	F -.003757	.1910595	.2085618
Stddev	.0002389	.0021803	.0020168	.000621	.0031300	.0008881
%RSD	1.241961	1.287207	.4146097	16.52918	1.638213	.4258380
#1	.0190363	.1697837	.4878773	-.003926	.1899100	.2082207
#2	.0194991	.1713317	.4873174	-.003069	.1946017	.2095700
#3	.0191650	.1670273	.4841379	-.004276	.1886668	.2078948

Elem	Li6707
Units	ppm
Avg	F .0171404
Stddev	.0030450
%RSD	17.76506
#1	.0205522
#2	.0161707
#3	.0146983

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1830.350	18729.67	1820.916	1376.112	2027.432
Stddev	6.089	35.02	4.188	3.926	5.565
%RSD	.3326800	.1869886	.2299889	.2853048	.2744819
#1	1830.896	18739.44	1819.934	1379.234	2023.823
#2	1824.007	18758.76	1817.306	1377.397	2024.633
#3	1836.149	18690.80	1825.508	1371.704	2033.841

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5058-03DLX2 Acquired: 01/03/2025 21:26:41 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHL82 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0235040	.0190437	.1159366	.0019592	.0088242	27.13311	.1766855
Stddev	.0019599	.0046577	.0002769	.0065209	.0046760	.22586	.0013049
%RSD	8.338693	24.45801	.2388241	332.8305	52.99041	.8324014	.7385551
#1	.0255828	.0168985	.1159996	.0085165	.0142227	27.30629	.1781316
#2	.0232394	.0243875	.1156337	-.004525	.0062076	27.21538	.1763292
#3	.0216899	.0158452	.1161766	.001886	.0060423	26.87765	.1755957

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0024074	.0014614	536.4161	.0411421	.0743134	.1483414	74.97188
Stddev	.0001073	.0000857	2.0489	.0015405	.0002724	.0125589	.16077
%RSD	4.456465	5.862271	.3819627	3.744312	.3665461	8.466226	.2144452
#1	.0024852	.0013862	537.5660	.0393641	.0739995	.1623939	75.10943
#2	.0024520	.0014434	537.6318	.0419836	.0744887	.1382133	75.01110
#3	.0022850	.0015546	534.0506	.0420785	.0744518	.1444171	74.79513

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.969102	135.9789	.0672690	-.004736	.9942176	.0791702	.3183849
Stddev	.025500	.7652	.0001919	.001025	.0182890	.0085324	.0020538
%RSD	.5131635	.5627224	.2852840	21.63357	1.839535	10.77732	.6450811
#1	4.986039	136.4580	.0670764	-.004803	1.011355	.0863417	.3201460
#2	4.981492	136.3822	.0674602	-.005725	.974962	.0697339	.3161288
#3	4.939775	135.0964	.0672702	-.003680	.996336	.0814350	.3188800

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.138769	5.255769	-.147256	.0040878	.6632090	7.010219	.0139784
Stddev	.160043	.025434	.004610	.0012057	.0041015	.038785	.0017967
%RSD	3.866925	.4839268	3.130703	29.49455	.6184333	.5532583	12.85340
#1	4.322899	5.251868	-.141934	.0050706	.6589458	6.982549	.0122212
#2	4.060336	5.232510	-.150002	.0044503	.6635543	7.054551	.0139019
#3	4.033071	5.282927	-.149833	.0027424	.6671270	6.993559	.0158122

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5058-03DLX2 Acquired: 01/03/2025 21:26:41 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHL82 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.5448318	.4213848	.0570086
Stddev	.0065876	.0025823	.0016931
%RSD	1.209117	.6128191	2.969918
#1	.5523162	.4238235	.0589621
#2	.5422662	.4216513	.0560998
#3	.5399129	.4186795	.0559640

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1903.424	19689.92	1953.347	1434.002	1751.183
Stddev	6.530	103.64	17.273	6.216	6.592
%RSD	.3430653	.5263503	.8842661	.4334732	.3764336
#1	1910.592	19686.90	1956.934	1426.880	1756.388
#2	1901.866	19587.83	1934.562	1436.788	1753.391
#3	1897.814	19795.04	1968.544	1438.336	1743.771

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5058-04DLX2 Acquired: 01/03/2025 21:30:32 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHL82D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0208657	.0199406	.1135552	.0003559	.0119603	26.33030	.1720297
Stddev	.0006790	.0040906	.0029808	.0048149	.0058102	.14198	.0015972
%RSD	3.254207	20.51382	2.625002	1352.890	48.57898	.5392399	.9284349
#1	.0206519	.0206986	.1126982	-.002827	.0165561	26.49425	.1733088
#2	.0216258	.0235991	.1110967	.005895	.0054295	26.24818	.1702395
#3	.0203193	.0155240	.1168706	-.002000	.0138954	26.24846	.1725406

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0024092	.0015780	524.0458	.0397867	.0732159	.1477705	73.28918
Stddev	.0001185	.0000641	1.9385	.0006189	.0006544	.0016875	.23495
%RSD	4.918355	4.063884	.3699072	1.555485	.8937679	1.141987	.3205839
#1	.0025415	.0015329	522.1083	.0395317	.0724619	.1490377	73.28961
#2	.0023128	.0015496	525.9853	.0404923	.0736352	.1484188	73.52392
#3	.0023735	.0016514	524.0437	.0393360	.0735506	.1458549	73.05401

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.849601	132.6677	.0642991	-.004468	.9572028	.0533082	.3144629
Stddev	.007423	.1385	.0007087	.000719	.0196629	.0146410	.0028605
%RSD	.1530595	.1043588	1.102137	16.09391	2.054201	27.46476	.9096474
#1	4.845527	132.5755	.0637992	-.005233	.9704863	.0619588	.3152912
#2	4.858169	132.6006	.0639881	-.004366	.9346145	.0364038	.3112796
#3	4.845108	132.8269	.0651101	-.003806	.9665074	.0615620	.3168178

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.272571	5.123865	-.140897	.0048860	.6466849	6.727525	.0114116
Stddev	.114596	.012202	.001350	.0004360	.0037959	.061865	.0018712
%RSD	2.682132	.2381326	.9579290	8.923552	.5869738	.9195788	16.39735
#1	4.262005	5.111820	-.139930	.0043882	.6462534	6.794177	.0127122
#2	4.392084	5.136217	-.140323	.0052002	.6431233	6.671941	.0122555
#3	4.163624	5.123558	-.142439	.0050696	.6506781	6.716456	.0092671

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5058-04DLX2 Acquired: 01/03/2025 21:30:32 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHL82D Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.5208268	.4120516	.0525132
Stddev	.0038289	.0010323	.0026436
%RSD	.7351684	.2505174	5.034078
#1	.5252119	.4109610	.0501737
#2	.5181452	.4121804	.0519850
#3	.5191233	.4130134	.0553810

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1886.447	19561.10	1960.350	1423.242	1745.832
Stddev	6.169	58.03	13.714	5.111	6.088
%RSD	.3270182	.2966690	.6995461	.3591404	.3487016
#1	1887.042	19588.73	1945.528	1420.464	1748.496
#2	1892.298	19494.42	1972.587	1429.141	1750.133
#3	1880.003	19600.16	1962.936	1420.122	1738.866

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5058-03DLX10 Acquired: 01/03/2025 21:34:23 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHL82L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0062556	.0204715	.0279496	-.020525	.0015833	5.892354	.0348348
Stddev	.0052034	.0044459	.0031681	.004391	.0037514	.014705	.0015597
%RSD	83.18100	21.71751	11.33493	21.39489	236.9284	.2495591	4.477570
#1	.0030290	.0166050	.0301097	-.021265	-.002472	5.897221	.0364160
#2	.0034793	.0253294	.0243127	-.024499	.004929	5.904008	.0347909
#3	.0122583	.0194800	.0294263	-.015811	.002293	5.875833	.0332974

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005154	.0002652	118.7278	.0094141	.0350656	.0267587	16.82775
Stddev	.0000471	.0001369	.6657	.0003570	.0003341	.0108798	.11322
%RSD	9.139396	51.64232	.5607344	3.791961	.9528966	40.65884	.6728365
#1	.0005200	.0002221	119.4461	.0094681	.0353729	.0212980	16.94354
#2	.0005601	.0004185	118.6060	.0097410	.0347099	.0196908	16.82243
#3	.0004662	.0001550	118.1314	.0090332	.0351141	.0392872	16.71728

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.121189	30.92831	.0102596	.0001137	.1890117	.0202640	.0764523
Stddev	.007759	.18287	.0003489	.0014950	.0104496	.0076353	.0007745
%RSD	.6920097	.5912839	3.400923	1314.638	5.528529	37.67894	1.013014
#1	1.127010	31.13269	.0106428	-.001587	.1802319	.0210605	.0759512
#2	1.124175	30.87208	.0101759	.000708	.2005696	.0122617	.0773443
#3	1.112380	30.78015	.0099602	.001220	.1862337	.0274698	.0760614

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8958162	1.005721	-.040085	.0042879	.1278485	1.540849	.0067238
Stddev	.2225427	.004388	.004030	.0008452	.0074553	.007515	.0017133
%RSD	24.84245	.4363257	10.05283	19.71113	5.831378	.4877369	25.48071
#1	.6737846	1.004321	-.040986	.0044420	.1239311	1.549526	.0048072
#2	.8947977	1.010639	-.035681	.0050454	.1364459	1.536637	.0081067
#3	1.118866	1.002204	-.043588	.0033762	.1231685	1.536384	.0072574

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5058-03DLX10 Acquired: 01/03/2025 21:34:23 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHL82L Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.1103158	.0917972	.0024886
Stddev	.0031508	.0008581	.0061230
%RSD	2.856174	.9347541	246.0441
#1	.1138980	.0927875	-.002756
#2	.1079739	.0912743	.001004
#3	.1090755	.0913298	.009217

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1826.652	18791.71	1824.619	1379.250	1908.179
Stddev	6.496	80.45	12.481	11.632	7.810
%RSD	.3556212	.4281108	.6840110	.8433770	.4092795
#1	1819.341	18756.51	1812.002	1373.129	1900.459
#2	1831.759	18734.86	1824.894	1371.956	1916.076
#3	1828.856	18883.76	1836.959	1392.665	1908.003

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5058-05DLX2 Acquired: 01/03/2025 21:38:21 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHL82S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1127930	.1024849	.1530888	.1615863	.1759474	30.23801	3.854674
Stddev	.0042677	.0022104	.0021310	.0026501	.0036029	.28609	.022518
%RSD	3.783641	2.156767	1.392024	1.640067	2.047698	.9461285	.5841752
#1	.1141051	.1026576	.1510678	.1588011	.1731594	29.90785	3.832735
#2	.1162506	.1001932	.1528836	.1640766	.1800155	30.39351	3.877729
#3	.1080233	.1046038	.1553150	.1618813	.1746673	30.41268	3.853557

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0965363	.1015768	532.2494	.4191243	1.059068	.5774872	76.17358
Stddev	.0003789	.0002372	2.9087	.0011064	.001435	.0060793	.61108
%RSD	.3924691	.2335369	.5464864	.2639890	.1355142	1.052711	.8022200
#1	.0961317	.1014196	529.2799	.4187487	1.059177	.5705026	75.48870
#2	.0965945	.1014611	535.0932	.4203696	1.057581	.5815874	76.66307
#3	.0968827	.1018497	532.3750	.4182546	1.060445	.5803715	76.36896

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.842711	134.8271	1.076161	.0625600	.9507669	.9952649	1.141485
Stddev	.036908	1.0358	.002474	.0007531	.0268086	.0025323	.003309
%RSD	.6316924	.7682063	.2298851	1.203754	2.819685	.2544369	.2898553
#1	5.800302	133.6326	1.075095	.0626272	.9480069	.9938713	1.137671
#2	5.867562	135.4750	1.074400	.0632772	.9788487	.9937356	1.143199
#3	5.860269	135.3738	1.078990	.0617756	.9254450	.9981880	1.143585

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.224687	5.192340	-.147968	.0045431	.6573855	6.875674	.0136315
Stddev	.058955	.012928	.000819	.0003371	.0044598	.044386	.0027685
%RSD	1.395492	.2489783	.5536082	7.419914	.6784194	.6455453	20.30937
#1	4.165220	5.189341	-.147022	.0048338	.6548417	6.824552	.0112853
#2	4.225724	5.181175	-.148432	.0041736	.6625351	6.904388	.0129243
#3	4.283117	5.206504	-.148449	.0046220	.6547796	6.898082	.0166850

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5058-05DLX2 Acquired: 01/03/2025 21:38:21 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHL82S Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.5310611	.4161045	.0554383
Stddev	.0134218	.0032771	.0002756
%RSD	2.527352	.7875673	.4972070
#1	.5156741	.4127209	.0555433
#2	.5403594	.4192636	.0556460
#3	.5371497	.4163290	.0551256

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1889.099	19596.19	1940.200	1421.862	1749.086
Stddev	2.243	27.78	12.236	.568	1.070
%RSD	.1187582	.1417499	.6306707	.0399521	.0611977
#1	1890.839	19586.14	1953.873	1422.200	1749.546
#2	1886.567	19574.84	1930.280	1421.206	1747.863
#3	1889.891	19627.60	1936.446	1422.181	1749.850

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5058-06DLX2 Acquired: 01/03/2025 21:42:08 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHL83 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0263181	.0242787	.1247431	-.007376	.0055282	20.42231	.1647631
Stddev	.0023624	.0027721	.0023215	.002954	.0022047	.09949	.0050958
%RSD	8.976480	11.41780	1.861068	40.05041	39.88152	.4871617	3.092821
#1	.0287856	.0253061	.1268995	-.004794	.0033212	20.41601	.1674220
#2	.0260917	.0263904	.1250441	-.006737	.0077307	20.32612	.1588877
#3	.0240771	.0211396	.1222857	-.010597	.0055328	20.52480	.1679795

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0021031	.0013336	474.4691	.0370122	.0621199	.1041338	61.89251
Stddev	.0000807	.0001541	2.5068	.0005265	.0000900	.0029634	.23730
%RSD	3.835836	11.55639	.5283326	1.422480	.1448369	2.845766	.3834130
#1	.0020396	.0012899	475.8035	.0369593	.0620654	.1007946	61.99305
#2	.0020760	.0012060	471.5774	.0365142	.0622238	.1051560	61.62148
#3	.0021939	.0015048	476.0263	.0375632	.0620706	.1064508	62.06298

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.945597	54.55961	.0465242	-.001620	.6739761	.0551515	.2774679
Stddev	.012664	.12258	.0007560	.000873	.0201792	.0024650	.0003699
%RSD	.4299441	.2246710	1.625077	53.88602	2.994047	4.469522	.1333171
#1	2.945994	54.49409	.0464750	-.000632	.6558671	.0547166	.2771142
#2	2.932739	54.48372	.0473037	-.001939	.6703322	.0529329	.2778522
#3	2.958058	54.70103	.0457940	-.002288	.6957289	.0578050	.2774373

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.325828	2.757312	-.115066	.0047287	.5300995	5.596322	.0086803
Stddev	.167921	.005910	.002285	.0007704	.0036158	.042967	.0014332
%RSD	5.048987	.2143366	1.985876	16.29091	.6820931	.7677662	16.51083
#1	3.519700	2.763261	-.114183	.0056137	.5259411	5.631357	.0098771
#2	3.231626	2.757232	-.113354	.0042087	.5318557	5.548382	.0090716
#3	3.226158	2.751442	-.117661	.0043637	.5325017	5.609228	.0070920

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5058-06DLX2 Acquired: 01/03/2025 21:42:08 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHL83 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.2043839	.4084279	.0305972
Stddev	.0036058	.0032217	.0022127
%RSD	1.764212	.7888114	7.231576
#1	.2002312	.4079460	.0285961
#2	.2067201	.4054743	.0302220
#3	.2062005	.4118635	.0329735

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1869.527	19248.03	1904.871	1407.322	1797.117
Stddev	5.892	85.71	8.868	4.136	6.906
%RSD	.3151361	.4453067	.4655611	.2938609	.3842796
#1	1867.774	19274.95	1895.299	1409.372	1794.296
#2	1864.711	19152.09	1912.808	1402.561	1792.068
#3	1876.096	19317.05	1906.506	1410.031	1804.987

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5058-20DLX2 Acquired: 01/03/2025 21:45:59 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLA4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0320606	.0208687	.1313557	-.005232	.0086001	20.44181	.2785463
Stddev	.0012644	.0057131	.0018236	.001719	.0043618	.06541	.0033662
%RSD	3.943798	27.37648	1.388281	32.85043	50.71768	.3199876	1.208502
#1	.0306076	.0206416	.1324568	-.007187	.0044692	20.42200	.2792417
#2	.0326632	.0152726	.1323595	-.004552	.0081701	20.38859	.2815105
#3	.0329110	.0266921	.1292507	-.003958	.0131609	20.51483	.2748867

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0020256	.0013858	499.9387	.0372593	.0682070	.1883616	68.26305
Stddev	.0000994	.0000373	1.7230	.0001429	.0003138	.0062322	.32881
%RSD	4.904965	2.694800	.3446401	.3834482	.4600598	3.308640	.4816800
#1	.0020355	.0014189	498.9665	.0373936	.0680249	.1874906	67.92301
#2	.0021196	.0013453	498.9216	.0371092	.0685693	.1949835	68.28680
#3	.0019217	.0013932	501.9281	.0372751	.0680266	.1826107	68.57934

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.682215	58.38148	.0617102	-.003929	.6840010	.0510418	.2152796
Stddev	.036288	.23455	.0016594	.000658	.0143547	.0119667	.0007666
%RSD	.6386196	.4017481	2.689038	16.75784	2.098634	23.44492	.3561077
#1	5.656453	58.17369	.0604309	-.003354	.6713960	.0374735	.2158193
#2	5.666477	58.33494	.0611144	-.004647	.6809819	.0600903	.2144021
#3	5.723715	58.63580	.0635852	-.003785	.6996251	.0555617	.2156175

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.856739	5.576652	-.130402	.0060854	.5203782	5.883996	.0132965
Stddev	.138401	.016857	.000343	.0010877	.0095310	.025136	.0024883
%RSD	3.588557	.3022831	.2630748	17.87446	1.831549	.4271877	18.71418
#1	3.697582	5.587442	-.130674	.0053827	.5273316	5.854972	.0149219
#2	3.923801	5.557227	-.130016	.0055352	.5242892	5.898425	.0104318
#3	3.948835	5.585288	-.130516	.0073383	.5095139	5.898591	.0145356

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5058-20DLX2 Acquired: 01/03/2025 21:45:59 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLA4 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.2952335	.4451901	.0416426
Stddev	.0054079	.0014188	.0036207
%RSD	1.831746	.3187032	8.694729
#1	.3014224	.4449472	.0406315
#2	.2928598	.4439085	.0456614
#3	.2914184	.4467148	.0386349

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1900.608	19608.45	1936.913	1433.734	1799.240
Stddev	2.954	85.71	5.878	8.431	2.243
%RSD	.1554364	.4370951	.3034925	.5880446	.1246392
#1	1903.976	19511.47	1942.298	1424.005	1801.450
#2	1899.390	19674.04	1930.642	1438.909	1799.305
#3	1898.457	19639.82	1937.800	1438.287	1796.966

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5054-20DLX5 Acquired: 01/03/2025 21:49:50 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKW2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0131633	.0268027	.0804715	-.021133	.0014117	9.479435	.1546106
Stddev	.0047553	.0020895	.0058927	.004819	.0027891	.113080	.0021534
%RSD	36.12564	7.796068	7.322657	22.80219	197.5799	1.192898	1.392756
#1	.0076729	.0256708	.0833731	-.019547	.0022531	9.555738	.1530866
#2	.0158386	.0292140	.0843507	-.026545	.0036832	9.349520	.1570740
#3	.0159784	.0255232	.0736907	-.017307	-.001701	9.533047	.1536711

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0010394	.0006371	410.4339	.0180865	.0498499	.0547706	32.37042
Stddev	.0001344	.0001332	.7120	.0009083	.0008773	.0063019	.23024
%RSD	12.93615	20.91310	.1734648	5.022019	1.759959	11.50593	.7112717
#1	.0010478	.0004859	410.1738	.0187921	.0499096	.0607615	32.58359
#2	.0009009	.0006879	409.8886	.0170617	.0506959	.0481981	32.12625
#3	.0011695	.0007375	411.2394	.0184057	.0489442	.0553523	32.40141

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.515278	55.40974	.0248824	-.000920	.3894628	.0247198	.1076014
Stddev	.013227	.29566	.0011130	.002320	.0172229	.0064053	.0006480
%RSD	.5258666	.5335914	4.473021	252.3002	4.422230	25.91153	.6022141
#1	2.520966	55.38239	.0237346	.001707	.3938223	.0184740	.1069968
#2	2.500158	55.12871	.0259570	-.001774	.3704790	.0244118	.1075218
#3	2.524709	55.71813	.0249556	-.002691	.4040871	.0312735	.1082854

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.051735	1.237860	-.063597	.0049939	.4138883	2.473048	.0113779
Stddev	.119431	.004421	.002891	.0009617	.0027322	.025371	.0022419
%RSD	5.820996	.3571812	4.546468	19.25704	.6601383	1.025908	19.70381
#1	2.181034	1.240990	-.066454	.0046871	.4170084	2.500282	.0130482
#2	1.945550	1.232802	-.060673	.0042231	.4119234	2.450080	.0088299
#3	2.028620	1.239788	-.063666	.0060716	.4127331	2.468782	.0122554

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5054-20DLX5 Acquired: 01/03/2025 21:49:50 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKW2 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.0911591	.2643308	.0123384
Stddev	.0019638	.0008425	.0039249
%RSD	2.154246	.3187233	31.81044
#1	.0889357	.2649229	.0092306
#2	.0918850	.2633663	.0167491
#3	.0926566	.2647032	.0110356

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1802.966	18636.70	1826.141	1361.372	1831.433
Stddev	.923	47.78	11.162	5.607	1.821
%RSD	.0511957	.2564013	.6112206	.4118887	.0994062
#1	1803.563	18691.79	1815.612	1367.817	1831.737
#2	1801.903	18606.54	1837.843	1357.613	1829.479
#3	1803.433	18611.75	1824.968	1358.686	1833.082

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5054-21DLX2 Acquired: 01/03/2025 21:53:44 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKW3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0156668	.0273678	.0999445	-.020996	.0047557	16.01786	.2079455
Stddev	.0050378	.0031618	.0027517	.007057	.0034953	.04731	.0015225
%RSD	32.15600	11.55316	2.753216	33.61199	73.49678	.2953564	.7321860
#1	.0144656	.0260214	.1012327	-.021384	.0025213	15.99254	.2087031
#2	.0113381	.0251021	.1018159	-.013753	.0087837	16.07244	.2061927
#3	.0211966	.0309800	.0967851	-.027852	.0029622	15.98860	.2089405

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0015513	.0019822	627.5902	.0361885	.0620376	.0595619	43.84118
Stddev	.0002751	.0001319	.9849	.0002754	.0002975	.0058572	.33696
%RSD	17.73121	6.652750	.1569361	.7609419	.4795985	9.833791	.7686038
#1	.0014596	.0021212	626.9674	.0358712	.0619132	.0628982	43.90346
#2	.0018605	.0019664	628.7257	.0363294	.0623771	.0527988	44.14265
#3	.0013338	.0018589	627.0775	.0363649	.0618224	.0629887	43.47741

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.174717	33.35394	.0497147	-.002480	.4543293	.0296529	.1539042
Stddev	.035534	.11737	.0011812	.001040	.0230698	.0125956	.0004451
%RSD	.5754714	.3518796	2.375861	41.92848	5.077759	42.47684	.2891780
#1	6.154441	33.31975	.0506600	-.002704	.4797846	.0291214	.1540640
#2	6.215746	33.48460	.0500934	-.003390	.4348020	.0425058	.1534013
#3	6.153962	33.25746	.0483906	-.001347	.4484014	.0173314	.1542473

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.338472	1.888312	-.071365	.0038843	.5061995	5.281642	.0108675
Stddev	.252610	.007535	.001345	.0011879	.0086938	.010801	.0014621
%RSD	4.731873	.3990347	1.885271	30.58200	1.717472	.2044971	13.45366
#1	5.088133	1.890370	-.069893	.0026994	.4993904	5.286242	.0122723
#2	5.593293	1.879962	-.072530	.0038784	.5159923	5.289381	.0093542
#3	5.333989	1.894604	-.071673	.0050752	.5032158	5.269302	.0109758

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5054-21DLX2 Acquired: 01/03/2025 21:53:44 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKW3 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.1980901	.3858753	.0299527
Stddev	.0068401	.0001005	.0031706
%RSD	3.453020	.0260440	10.58532
#1	.2005520	.3859834	.0270900
#2	.2033585	.3857847	.0333605
#3	.1903599	.3858577	.0294075

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1876.067	19387.13	1910.893	1420.405	1804.037
Stddev	5.138	15.68	7.608	7.358	4.424
%RSD	.2738654	.0809013	.3981643	.5180537	.2452336
#1	1877.280	19370.19	1907.544	1412.884	1805.581
#2	1880.489	19390.05	1905.533	1420.741	1807.483
#3	1870.431	19401.15	1919.601	1427.590	1799.049

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5056-20 Acquired: 01/03/2025 21:57:38 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHL47 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0575916	.0052586	.3077626	.0339479	.0273399	53.12031
Stddev	.0028872	.0005596	.0036769	.0084144	.0026716	.05949
%RSD	5.013176	10.64096	1.194721	24.78628	9.771647	.1119950
#1	.0583036	.0048013	.3035229	.0427745	.0304174	53.16419
#2	.0600562	.0058825	.3100778	.0260174	.0259854	53.05260
#3	.0544151	.0050919	.3096872	.0330516	.0256168	53.14414

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6397460	.0045528	.0027828	F 832.0689	.0832460	.1126106
Stddev	.0038946	.0001259	.0000171	2.4550	.0002571	.0009909
%RSD	.6087643	2.766147	.6157801	.2950439	.3088962	.8799269
#1	.6369041	.0044811	.0027870	829.3468	.0829730	.1129724
#2	.6381486	.0046982	.0027639	832.7448	.0834836	.1114897
#3	.6441853	.0044791	.0027974	834.1151	.0832814	.1133698

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1482740	146.7561	8.411857	189.6203	.1613659	-.007802
Stddev	.0052309	.3527	.015094	.7573	.0014696	.000040
%RSD	3.527871	.2403604	.1794396	.3993998	.9107349	.5146169
#1	.1481382	147.1592	8.428602	190.4889	.1602024	-.007813
#2	.1431122	146.5039	8.407671	189.2743	.1608778	-.007835
#3	.1535714	146.6052	8.399297	189.0978	.1630175	-.007757

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.264183	.1192907	.4542616	6.913638	4.652343	-.282962
Stddev	.016731	.0152409	.0054474	.147731	.013098	.002454
%RSD	1.323456	12.77630	1.199175	2.136800	.2815294	.8671540
#1	1.278083	.1016979	.4571918	6.941277	4.639112	-.285502
#2	1.245614	.1284803	.4479763	7.045597	4.652615	-.280605
#3	1.268854	.1276939	.4576168	6.754039	4.665303	-.282780

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5056-20 Acquired: 01/03/2025 21:57:38 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHL47 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0042576	1.312975	12.84537	.0190670	.7412029	.6552628
Stddev	.0008200	.006610	.09624	.0018684	.0021266	.0005630
%RSD	19.25904	.5034301	.7492341	9.799335	.2869175	.0859138
#1	.0039132	1.317047	12.94588	.0175754	.7426169	.6559126
#2	.0051936	1.305348	12.75406	.0211628	.7387572	.6549228
#3	.0036660	1.316529	12.83615	.0184628	.7422346	.6549530

Elem	Li6707
Units	ppm
Avg	.1044546
Stddev	.0034876
%RSD	3.338835
#1	.1030398
#2	.1018967
#3	.1084272

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1919.273	19978.58	1994.371	1449.025	1723.641
Stddev	3.681	71.15	4.982	1.224	6.028
%RSD	.1917960	.3561378	.2497954	.0845043	.3497119
#1	1921.584	20060.54	1992.651	1450.339	1729.046
#2	1921.207	19942.49	1990.477	1448.818	1724.738
#3	1915.028	19932.70	1999.985	1447.917	1717.141

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5056-21 Acquired: 01/03/2025 22:01:28 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHL47D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0584608	-.001502	.3010065	.0352360	.0288842	52.89555
Stddev	.0045561	.001397	.0018213	.0049847	.0022648	.10482
%RSD	7.793478	93.06071	.6050761	14.14646	7.841124	.1981661
#1	.0536316	-.000032	.2998674	.0310706	.0309029	52.81836
#2	.0626830	-.001660	.3000451	.0338787	.0293146	52.85340
#3	.0590678	-.002813	.3031071	.0407588	.0264350	53.01488

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6369072	.0045826	.0027280	F 831.0730	.0826870	.1115051
Stddev	.0001790	.0001411	.0001142	1.2404	.0008467	.0005820
%RSD	.0281083	3.078488	4.185325	.1492547	1.023984	.5219363
#1	.6367005	.0045032	.0026435	829.9565	.0830776	.1119209
#2	.6370052	.0047455	.0026827	830.8542	.0832678	.1108400
#3	.6370158	.0044991	.0028579	832.4082	.0817155	.1117544

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1541733	146.0309	8.383451	188.7165	.1615640	-.008880
Stddev	.0045686	.2741	.005456	.1633	.0010792	.000678
%RSD	2.963310	.1876779	.0650780	.0865224	.6679679	7.630483
#1	.1500760	145.7417	8.377799	188.7296	.1627267	-.008811
#2	.1533441	146.0642	8.388686	188.8728	.1613709	-.009589
#3	.1590997	146.2868	8.383867	188.5470	.1605943	-.008239

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.246181	.1256923	.4549186	7.188200	4.627271	-.290169
Stddev	.023623	.0041706	.0028143	.096734	.011074	.002164
%RSD	1.895654	3.318147	.6186422	1.345737	.2393099	.7457664
#1	1.219265	.1277145	.4531153	7.108507	4.639167	-.292480
#2	1.255803	.1284663	.4581615	7.295828	4.625382	-.288191
#3	1.263475	.1208960	.4534789	7.160264	4.617263	-.289836

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5056-21 Acquired: 01/03/2025 22:01:28 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHL47D Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0055090	1.304675	12.85043	.0192801	.7383918	.6543318
Stddev	.0007053	.006786	.00565	.0037531	.0063988	.0016516
%RSD	12.80226	.5201250	.0440005	19.46641	.8665827	.2524069
#1	.0050073	1.300716	12.85172	.0180474	.7312385	.6525279
#2	.0052043	1.300798	12.84424	.0234945	.7435705	.6557696
#3	.0063154	1.312510	12.85533	.0162983	.7403664	.6546979

Elem	Li6707
Units	ppm
Avg	.1022178
Stddev	.0053615
%RSD	5.245216
#1	.1058601
#2	.0960612
#3	.1047322

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1921.783	19977.14	1989.877	1449.831	1728.631
Stddev	4.383	80.24	6.259	9.441	4.054
%RSD	.2280759	.4016785	.3145622	.6512092	.2345094
#1	1920.204	20014.15	1995.469	1458.682	1725.650
#2	1918.408	19885.07	1983.115	1439.893	1726.995
#3	1926.736	20032.21	1991.047	1450.919	1733.247

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5056-20LX5 Acquired: 01/03/2025 22:05:19 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) 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	.0068551	.0201341	.0659454	-.020348	.0043401	11.68936	.1391148
Stddev	.0007875	.0022608	.0019612	.002866	.0028115	.05847	.0020020
%RSD	11.48793	11.22889	2.974044	14.08412	64.77954	.5001823	1.439103
#1	.0071761	.0199247	.0640114	-.017233	.0057011	11.71039	.1397248
#2	.0074314	.0224924	.0658918	-.020940	.0062122	11.73440	.1407409
#3	.0059578	.0179853	.0679328	-.022872	.0011071	11.62329	.1368788

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0010416	.0004637	186.0135	.0197168	.0451037	.0300737	32.92192
Stddev	.0002113	.0001189	.5715	.0010582	.0004479	.0149511	.19851
%RSD	20.29048	25.64948	.3072527	5.367153	.9930266	49.71471	.6029617
#1	.0008338	.0005742	185.5377	.0197819	.0453300	.0364529	32.92376
#2	.0010348	.0004790	186.6475	.0186275	.0445878	.0129912	33.11950
#3	.0012563	.0003378	185.8553	.0207410	.0453934	.0407771	32.72250

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.905533	42.88500	.0280383	-.001953	.2506042	.0165263	.1009131
Stddev	.008911	.04836	.0012368	.000297	.0220492	.0149292	.0006181
%RSD	.4676597	.1127665	4.411106	15.19455	8.798409	90.33588	.6125498
#1	1.897277	42.91810	.0273984	-.002061	.2753363	.0249443	.1002268
#2	1.914980	42.90740	.0294639	-.002180	.2330028	-.000711	.1014261
#3	1.904343	42.82950	.0272525	-.001617	.2434735	.025345	.1010865

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.342579	.8871050	-.070492	.0060749	.2485558	2.925947	.0094765
Stddev	.273973	.0038923	.000683	.0007168	.0074822	.016499	.0022745
%RSD	20.40645	.4387649	.9693837	11.79905	3.010286	.5639024	24.00110
#1	1.445533	.8906090	-.069946	.0060677	.2460388	2.941710	.0090672
#2	1.032044	.8829154	-.071259	.0067953	.2426566	2.927332	.0119279
#3	1.550161	.8877905	-.070273	.0053618	.2569720	2.908798	.0074345

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5056-20LX5 Acquired: 01/03/2025 22:05:19 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) 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	.1611930	.1432868	.0166477
Stddev	.0027798	.0001978	.0021016
%RSD	1.724514	.1380679	12.62371
#1	.1596385	.1430966	.0150217
#2	.1595381	.1432723	.0190207
#3	.1644023	.1434915	.0159006

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1835.935	18937.11	1855.626	1388.767	1899.286
Stddev	4.167	96.23	6.109	8.605	7.227
%RSD	.2269512	.5081663	.3292178	.6196332	.3805313
#1	1837.552	18935.48	1848.971	1394.517	1899.437
#2	1839.051	19034.15	1856.930	1392.911	1906.437
#3	1831.203	18841.71	1860.979	1378.874	1891.985

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5056-22 Acquired: 01/03/2025 22:09:14 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHL47S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1396300	.0869790	.3490215	.1872892	.1810880	55.75060
Stddev	.0031977	.0037341	.0042246	.0042600	.0020461	.24666
%RSD	2.290128	4.293096	1.210410	2.274575	1.129914	.4424371
#1	.1359578	.0869408	.3486188	.1920671	.1831155	55.80692
#2	.1411327	.0907321	.3534331	.1859135	.1811250	55.48064
#3	.1417996	.0832642	.3450127	.1838870	.1790237	55.96422

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.169320	.0945901	.1004662	F 821.8517	.4478793	1.083202
Stddev	.030893	.0016547	.0004147	5.0843	.0015456	.002408
%RSD	.7409490	1.749322	.4127793	.6186349	.3450920	.2222904
#1	4.195552	.0951851	.1003904	825.8340	.4493194	1.083220
#2	4.135269	.0927202	.1000946	816.1248	.4462463	1.080785
#3	4.177137	.0958651	.1009136	823.5962	.4480723	1.085601

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5597367	146.8066	9.196288	187.1251	1.152613	.0566918
Stddev	.0144554	.5705	.012446	1.2902	.002863	.0004942
%RSD	2.582537	.3885728	.1353411	.6894647	.2484055	.8717281
#1	.5719117	147.2452	9.199088	187.8469	1.153577	.0571952
#2	.5635379	146.1617	9.182680	185.6356	1.149392	.0562073
#3	.5437605	147.0128	9.207095	187.8929	1.154869	.0566730

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.279403	1.023348	1.245697	7.153293	4.602037	-.287458
Stddev	.012056	.010502	.003479	.159661	.010907	.010459
%RSD	.9423435	1.026214	.2792806	2.231993	.2370039	3.638445
#1	1.288150	1.016582	1.248353	6.991725	4.604632	-.293447
#2	1.265650	1.018017	1.246977	7.310976	4.590066	-.275382
#3	1.284410	1.035446	1.241759	7.157176	4.611412	-.293547

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5056-22 Acquired: 01/03/2025 22:09:14 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHL47S Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0045563	1.291402	12.70866	.0212460	.7329101	.6459713
Stddev	.0003820	.002248	.25237	.0015694	.0078775	.0024566
%RSD	8.383231	.1741041	1.985797	7.386632	1.074825	.3803035
#1	.0043059	1.289235	12.85310	.0222270	.7376033	.6473158
#2	.0043670	1.291246	12.41725	.0220752	.7238155	.6431359
#3	.0049959	1.293724	12.85563	.0194360	.7373115	.6474622

Elem	Li6707
Units	ppm
Avg	.1036255
Stddev	.0022032
%RSD	2.126078
#1	.1025226
#2	.1021916
#3	.1061623

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1912.315	19820.02	1985.453	1439.107	1721.873
Stddev	4.521	75.17	25.820	12.996	5.913
%RSD	.2364261	.3792661	1.300440	.9030867	.3434236
#1	1912.108	19825.93	1969.240	1443.204	1721.150
#2	1916.936	19742.08	2015.227	1424.555	1728.115
#3	1907.901	19892.07	1971.890	1449.560	1716.355

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: CCV106 Acquired: 01/03/2025 22:13:02 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV106 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.012026	4.862750	24.84115	4.934711	4.894710	398.4733
Stddev	.008751	.012603	.02170	.018703	.007825	.8818
%RSD	.1746023	.2591771	.0873398	.3790105	.1598688	.2213059
#1	5.009772	4.874094	24.82365	4.924397	4.885803	397.5569
#2	5.021684	4.864971	24.83437	4.923436	4.900476	398.5471
#3	5.004623	4.849183	24.86543	4.956300	4.897852	399.3159

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.23961	.5102126	2.504382	408.4414	15.43508	2.507905
Stddev	.03833	.0041578	.001909	1.2651	.01695	.002443
%RSD	.3743543	.8149139	.0762173	.3097379	.1098348	.0974257
#1	10.19721	.5112136	2.503808	406.9863	15.44074	2.505115
#2	10.27181	.5056457	2.502826	409.0575	15.41602	2.509660
#3	10.24980	.5137786	2.506512	409.2805	15.44848	2.508941

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.26664	403.4360	15.09001	402.3397	2.520700	1.256254
Stddev	.02346	.7291	.03892	.6163	.002385	.004546
%RSD	.1536542	.1807227	.2579034	.1531862	.0945981	.3618571
#1	15.24177	402.7314	15.04663	401.7665	2.518041	1.254774
#2	15.28837	403.3894	15.10155	402.2611	2.522648	1.252632
#3	15.26979	404.1873	15.12186	402.9916	2.521410	1.261355

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	406.5324	2.519969	14.57110	151.4628	4.932372	F 4.386407
Stddev	1.7791	.011044	.04629	1.0479	.011356	.031581
%RSD	.4376208	.4382585	.3177077	.6918486	.2302260	.7199832
#1	407.0690	2.528252	14.61672	150.3374	4.939519	4.388787
#2	404.5468	2.507430	14.52416	152.4105	4.938319	4.353703
#3	407.9814	2.524226	14.57242	151.6404	4.919278	4.416731

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: CCV106 Acquired: 01/03/2025 22:13:02 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV106 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.890285	4.995076	4.998607	5.040853	5.066037	4.781798
Stddev	.003654	.006113	.040460	.005531	.006854	.014419
%RSD	.0747227	.1223775	.8094256	.1097150	.1352975	.3015451
#1	4.892305	4.988521	5.009376	5.036873	5.072652	4.765276
#2	4.886067	5.000622	4.953852	5.038517	5.058966	4.791844
#3	4.892484	4.996084	5.032593	5.047168	5.066494	4.788275

Elem	Li6707
Units	ppm
Avg	4.838633
Stddev	.015253
%RSD	.3152329
#1	4.823490
#2	4.853993
#3	4.838416

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1528.216	16627.56	1701.434	1141.575	1636.503
Stddev	4.738	36.13	7.964	2.408	5.367
%RSD	.3100164	.2172907	.4680973	.2109466	.3279745
#1	1528.150	16638.65	1699.570	1138.953	1636.712
#2	1532.986	16587.18	1710.165	1142.087	1641.763
#3	1523.511	16656.84	1694.567	1143.687	1631.034

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: CCB106 Acquired: 01/03/2025 22:16:48 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB106 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0093386	.0021804	-.000179	.0038079	-.001911	-.000669	-.005516
Stddev	.0019636	.0023609	.002326	.0050411	.001942	.038867	.002065
%RSD	21.02705	108.2760	1299.046	132.3846	101.6453	5811.832	37.43733
#1	.0100465	.0002420	.000696	.0072033	-.000753	.044209	-.003147
#2	.0071191	.0014897	.001582	.0062049	-.004154	-.023456	-.006937
#3	.0108500	.0048096	-.002816	-.001984	-.000827	-.022760	-.006465

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000014	.0000177	.0019438	-.000004	-.000041	-.004141	.0712651
Stddev	.000098	.0000443	.0152862	.000661	.000536	.011148	.0124422
%RSD	706.6667	250.4023	786.4090	16365.31	1311.883	269.2418	17.45902
#1	.000013	.0000546	.0193886	-.000056	.000576	.001691	.0637639
#2	-.000123	.0000298	-.004449	.000682	-.000311	-.016995	.0856273
#3	.000068	-.000031	-.009108	-.000638	-.000387	.002883	.0644040

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0021515	-.075408	-.000362	.0008063	.1589433	-.012264	-.000150
Stddev	.0015211	.039501	.000247	.0013163	.0375085	.006851	.000203
%RSD	70.70201	52.38296	68.33045	163.2534	23.59864	55.86426	135.1168
#1	.0011486	-.041520	-.000455	.0011611	.1987843	-.005141	-.000040
#2	.0039017	-.118792	-.000548	.0019088	.1537337	-.012844	-.000026
#3	.0014041	-.065913	-.000081	-.000651	.1243120	-.018807	-.000385

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3172367	.0000836	.0083459	.0004412	-.013643	-.002027	-.000713
Stddev	.1128477	.0025464	.0016012	.0006339	.002495	.000431	.001396
%RSD	35.57207	3047.256	19.18539	143.6841	18.28837	21.23445	195.8497
#1	.1929634	-.002543	.0065619	.0007253	-.016519	-.001556	-.001135
#2	.3454366	.000251	.0096584	.0008832	-.012052	-.002126	.000845
#3	.4133102	.002542	.0088174	-.000285	-.012359	-.002400	-.001848

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: CCB106 Acquired: 01/03/2025 22:16:48 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB106 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	-.009086	-.000191	.0034063
Stddev	.002197	.000160	.0054148
%RSD	24.18365	83.88994	158.9648
#1	-.010050	-.000357	.0095421
#2	-.006571	-.000037	-.000703
#3	-.010636	-.000179	.001380

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1840.679	18887.11	1817.749	1394.804	2036.226
Stddev	8.498	57.32	16.576	7.321	4.261
%RSD	.4616618	.3034760	.9119176	.5248833	.2092557
#1	1849.230	18823.79	1799.058	1388.120	2037.690
#2	1840.571	18902.06	1830.668	1393.664	2039.561
#3	1832.236	18935.47	1823.522	1402.628	2031.426

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5056-07DLX2 Acquired: 01/03/2025 22:20:49 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKY5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0554602	.0121450	.1331787	.0070754	.0139420	18.67306	.1552439
Stddev	.0066819	.0068831	.0026608	.0022688	.0011639	.07503	.0017456
%RSD	12.04808	56.67491	1.997921	32.06541	8.347984	.4018014	1.124405
#1	.0631678	.0062570	.1361518	.0096838	.0140606	18.75810	.1554527
#2	.0513024	.0197124	.1310211	.0059826	.0150419	18.61621	.1534033
#3	.0519105	.0104654	.1323632	.0055599	.0127233	18.64487	.1568757

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0023189	.0015638	589.3152	.0403809	.0683613	.0924912	89.19775
Stddev	.0001975	.0000814	1.4337	.0008791	.0005625	.0145914	.46418
%RSD	8.516156	5.204312	.2432879	2.177079	.8228473	15.77600	.5203887
#1	.0021201	.0015331	590.7387	.0404934	.0678778	.0761494	89.64489
#2	.0023215	.0015022	589.3355	.0411984	.0689787	.1042143	88.71824
#3	.0025151	.0016561	587.8714	.0394510	.0682275	.0971100	89.23011

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.556308	131.9039	.0490433	-.005534	.8268184	.0747545	.2398952
Stddev	.019139	.6171	.0016228	.001812	.0207511	.0046729	.0014664
%RSD	.5381740	.4678089	3.308893	32.74128	2.509749	6.250997	.6112756
#1	3.569314	132.5381	.0493225	-.006896	.8258753	.0733756	.2383819
#2	3.534331	131.3055	.0472990	-.006228	.8065550	.0799617	.2413098
#3	3.565278	131.8683	.0505084	-.003478	.8480250	.0709262	.2399939

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.929418	2.805261	-.181872	.0060732	.6362009	5.471433	.0152080
Stddev	.047951	.005778	.005018	.0026012	.0048435	.007251	.0011924
%RSD	1.636893	.2059791	2.759258	42.83093	.7613177	.1325336	7.840577
#1	2.886814	2.808415	-.176383	.0043892	.6309854	5.463680	.0163149
#2	2.981347	2.798592	-.183006	.0047612	.6370598	5.478048	.0153637
#3	2.920094	2.808777	-.186226	.0090691	.6405575	5.472572	.0139454

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5056-07DLX2 Acquired: 01/03/2025 22:20:49 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKY5 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.3590528	.3770636	.0397000
Stddev	.0008986	.0012599	.0015227
%RSD	.2502807	.3341222	3.835452
#1	.3586983	.3783120	.0403727
#2	.3583855	.3757926	.0379568
#3	.3600746	.3770864	.0407705

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1865.448	19292.89	1926.844	1405.645	1757.872
Stddev	5.021	107.67	9.830	7.792	2.586
%RSD	.2691372	.5580598	.5101383	.5543442	.1470891
#1	1869.807	19270.09	1926.697	1414.415	1759.197
#2	1859.959	19410.13	1936.746	1403.005	1754.892
#3	1866.578	19198.45	1917.089	1399.517	1759.526

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5056-12DLX2 Acquired: 01/03/2025 22:24:40 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHL39 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0230294	.0267229	.1128843	-.013506	.0075978	26.06957	.3104788
Stddev	.0024740	.0034268	.0052101	.007680	.0024458	.23179	.0042457
%RSD	10.74264	12.82353	4.615447	56.86638	32.19123	.8891244	1.367455
#1	.0247123	.0242519	.1075767	-.010039	.0053914	26.19452	.3094320
#2	.0241871	.0252819	.1179911	-.008171	.0071742	25.80211	.3068544
#3	.0201889	.0306349	.1130851	-.022309	.0102277	26.21208	.3151499

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0028150	.0017902	544.2023	.0397514	.0601372	.0821080	56.76029
Stddev	.0000834	.0000738	1.6728	.0013617	.0001723	.0010269	.30071
%RSD	2.962493	4.124669	.3073793	3.425535	.2865711	1.250643	.5297892
#1	.0029106	.0017268	545.2547	.0389262	.0601090	.0817749	57.01390
#2	.0027571	.0018713	542.2734	.0390049	.0599807	.0832601	56.42809
#3	.0027773	.0017725	545.0788	.0413231	.0603219	.0812890	56.83888

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.501279	36.23424	.0466830	-.001903	.5291183	.0432953	.2524250
Stddev	.011539	.18613	.0016939	.000604	.0232620	.0096551	.0027930
%RSD	.3295517	.5136907	3.628519	31.72459	4.396377	22.30068	1.106483
#1	3.505512	36.36207	.0472824	-.001339	.5508804	.0544163	.2511636
#2	3.488222	36.02070	.0479956	-.001830	.5318730	.0370538	.2556263
#3	3.510104	36.31996	.0447708	-.002539	.5046016	.0384157	.2504851

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.095361	1.561302	-.098218	.0027667	.8035144	6.621971	.0088374
Stddev	.103713	.003126	.001659	.0004831	.0090779	.056519	.0030214
%RSD	3.350599	.2002039	1.688897	17.46073	1.129772	.8535085	34.18836
#1	2.996821	1.559962	-.096338	.0027007	.8031663	6.575361	.0061306
#2	3.203570	1.564875	-.098842	.0032794	.7946155	6.605716	.0082847
#3	3.085693	1.559070	-.099474	.0023201	.8127613	6.684837	.0120970

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5056-12DLX2 Acquired: 01/03/2025 22:24:40 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHL39 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.0883601	.4596974	.0399501
Stddev	.0058836	.0029799	.0016688
%RSD	6.658626	.6482415	4.177172
#1	.0848163	.4621654	.0396348
#2	.0951517	.4563869	.0384615
#3	.0851123	.4605399	.0417541

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1909.318	19729.87	1943.865	1439.286	1828.318
Stddev	3.328	149.87	16.841	7.786	3.053
%RSD	.1743042	.7595865	.8663422	.5409904	.1670007
#1	1913.142	19556.93	1940.914	1431.155	1831.674
#2	1907.736	19811.12	1961.986	1440.029	1825.703
#3	1907.076	19821.58	1928.694	1446.675	1827.578

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5056-13DLX2 Acquired: 01/03/2025 22:28:31 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHL40 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0275961	.0261103	.1125084	-.013503	.0092733	24.47205	.3313002
Stddev	.0040202	.0019845	.0031136	.007644	.0021198	.24154	.0018826
%RSD	14.56798	7.600610	2.767404	56.60428	22.85866	.9869999	.5682391
#1	.0245614	.0283126	.1094858	-.004677	.0078988	24.51714	.3320623
#2	.0260713	.0244607	.1123339	-.017914	.0117146	24.21114	.3291561
#3	.0321557	.0255577	.1157056	-.017919	.0082066	24.68786	.3326823

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0022991	.0016863	771.7056	.0380938	.0745497	.1580652	64.88126
Stddev	.0002521	.0000227	3.1260	.0001110	.0008107	.0150422	.33949
%RSD	10.96722	1.345088	.4050750	.2912426	1.087393	9.516426	.5232475
#1	.0023170	.0017125	772.5284	.0382039	.0754188	.1419195	65.10049
#2	.0020385	.0016739	768.2505	.0380957	.0738142	.1716836	64.49021
#3	.0025419	.0016725	774.3378	.0379820	.0744159	.1605926	65.05309

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.078742	75.74023	.0616550	-.004255	.7094146	.0386053	.1905760
Stddev	.038881	.51022	.0019389	.001336	.0197539	.0148677	.0010647
%RSD	.7655625	.6736434	3.144753	31.40161	2.784537	38.51200	.5586848
#1	5.108925	75.95533	.0620006	-.002773	.7119413	.0439246	.1917438
#2	5.034867	75.15769	.0633979	-.004623	.6885190	.0218097	.1903251
#3	5.092434	76.10769	.0595666	-.005368	.7277837	.0500817	.1896591

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.004200	1.786711	-.104962	.0028961	.9126141	6.154661	.0142524
Stddev	.154599	.001884	.002557	.0001196	.0081625	.065892	.0018403
%RSD	3.860925	.1054576	2.436111	4.128181	.8944146	1.070597	12.91224
#1	4.077043	1.787353	-.104479	.0030306	.9143855	6.227364	.0144171
#2	4.108922	1.788191	-.102681	.0028560	.9037113	6.098884	.0160048
#3	3.826636	1.784590	-.107726	.0028018	.9197455	6.137734	.0123353

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5056-13DLX2 Acquired: 01/03/2025 22:28:31 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHL40 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.1526383	.4704562	.0464103
Stddev	.0019474	.0028582	.0073805
%RSD	1.275810	.6075372	15.90283
#1	.1531977	.4712566	.0500576
#2	.1504724	.4672831	.0512571
#3	.1542447	.4728288	.0379161

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1848.016	19057.39	1906.381	1389.588	1745.015
Stddev	4.990	36.39	12.836	6.750	4.304
%RSD	.2700424	.1909394	.6733298	.4857701	.2466208
#1	1849.687	19099.09	1894.637	1393.730	1747.792
#2	1851.956	19032.08	1920.084	1393.235	1747.197
#3	1842.404	19040.99	1904.423	1381.799	1740.058

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5056-14DLX2 Acquired: 01/03/2025 22:32:23 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHL41 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0853011	.0242153	.1566485	-.003499	.0080760	21.80280	.3030915
Stddev	.0032208	.0014306	.0046917	.004263	.0006682	.18349	.0023776
%RSD	3.775855	5.907993	2.995054	121.8370	8.273490	.8415929	.7844669
#1	.0876306	.0226388	.1531044	-.000589	.0081145	21.70019	.3057435
#2	.0866472	.0254311	.1619690	-.008393	.0073894	22.01464	.3011503
#3	.0816256	.0245759	.1548722	-.001516	.0087241	21.69358	.3023807

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0021356	.0017161	709.5808	.0399178	.0996884	.1697457	72.11608
Stddev	.0001465	.0000325	1.8662	.0008518	.0005215	.0155521	.16502
%RSD	6.859193	1.892384	.2629972	2.133869	.5231387	9.162020	.2288307
#1	.0019936	.0017306	709.5436	.0391149	.0997604	.1562839	72.00404
#2	.0022862	.0016789	711.4653	.0398273	.1001702	.1867700	72.30559
#3	.0021269	.0017388	707.7335	.0408113	.0991347	.1661832	72.03863

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.850687	86.32434	.0735577	-.002993	.8739586	.0428733	.2305689
Stddev	.031318	.39154	.0003528	.001082	.0190203	.0108092	.0019719
%RSD	.3989214	.4535665	.4795939	36.16383	2.176340	25.21191	.8552206
#1	7.830087	86.29921	.0738529	-.001751	.8570573	.0352684	.2296964
#2	7.886727	86.72784	.0731670	-.003492	.8945556	.0552468	.2291838
#3	7.835248	85.94598	.0736530	-.003736	.8702631	.0381048	.2328265

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.744784	5.582186	-.135949	.0064477	1.881946	6.161129	.0146647
Stddev	.297423	.001736	.002702	.0009227	.009156	.070886	.0001934
%RSD	10.83592	.0311060	1.987167	14.31137	.4864962	1.150540	1.318819
#1	2.425910	5.583779	-.136596	.0060022	1.871745	6.152450	.0148621
#2	3.014674	5.580335	-.138269	.0075086	1.884644	6.235955	.0146567
#3	2.793769	5.582444	-.132983	.0058322	1.889450	6.094982	.0144755

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5056-14DLX2 Acquired: 01/03/2025 22:32:23 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHL41 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.2381786	.6438925	.0414515
Stddev	.0061336	.0028925	.0016929
%RSD	2.575217	.4492201	4.084017
#1	.2422227	.6421920	.0408652
#2	.2411919	.6472322	.0401298
#3	.2311211	.6422532	.0433597

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1901.287	19568.91	1957.389	1430.374	1760.712
Stddev	4.199	52.01	21.389	7.082	3.942
%RSD	.2208756	.2657854	1.092737	.4951086	.2239056
#1	1903.973	19512.52	1955.096	1431.103	1765.234
#2	1896.447	19615.00	1937.238	1437.064	1758.911
#3	1903.440	19579.21	1979.832	1422.956	1757.993

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5057-04DLX2 Acquired: 01/03/2025 22:36:15 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHL06 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0424794	.0121018	.1560283	.0142522	.0150968	37.03164	.3058600
Stddev	.0037327	.0032971	.0051754	.0020056	.0028476	.02108	.0011887
%RSD	8.787101	27.24467	3.316978	14.07246	18.86208	.0569309	.3886327
#1	.0467887	.0129141	.1507019	.0162498	.0183831	37.00921	.3055286
#2	.0403965	.0149169	.1610382	.0122386	.0133592	37.05104	.3071792
#3	.0402529	.0084745	.1563449	.0142683	.0135482	37.03468	.3048722

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0037482	.0012514	464.7132	.0600695	.0742465	.1521852	98.35886
Stddev	.0000980	.0000545	1.7623	.0010602	.0007223	.0024479	.43119
%RSD	2.614925	4.358013	.3792151	1.764915	.9728302	1.608499	.4383856
#1	.0038381	.0012040	463.3057	.0605577	.0740523	.1501162	98.52227
#2	.0037630	.0013110	466.6896	.0607976	.0750461	.1548875	98.68446
#3	.0036437	.0012392	464.1443	.0588532	.0736412	.1515518	97.86985

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.271833	76.63126	.0785103	-.006276	.8267968	.0918200	.3470393
Stddev	.014944	.09135	.0014581	.000453	.0159283	.0106698	.0046137
%RSD	.4567533	.1192080	1.857183	7.222655	1.926512	11.62040	1.329444
#1	3.286024	76.72151	.0771769	-.006045	.8450271	.0903005	.3509469
#2	3.273240	76.63343	.0782867	-.005985	.8155711	.0819913	.3419496
#3	3.256235	76.53885	.0800672	-.006798	.8197923	.1031681	.3482215

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.764596	3.499830	-.195781	.0046146	.6019210	7.001234	.0168392
Stddev	.149962	.008186	.003036	.0006555	.0009434	.025009	.0010071
%RSD	3.983474	.2338890	1.550862	14.20588	.1567268	.3572020	5.980874
#1	3.827112	3.509000	-.199264	.0049960	.6027615	7.026530	.0179884
#2	3.593491	3.497228	-.194387	.0038577	.6009006	6.976523	.0164191
#3	3.873186	3.493260	-.193692	.0049902	.6021008	7.000648	.0161101

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5057-04DLX2 Acquired: 01/03/2025 22:36:15 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHL06 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.3075533	.2939512	.0560099
Stddev	.0019966	.0013737	.0037958
%RSD	.6491863	.4673207	6.777093
#1	.3066727	.2945548	.0521852
#2	.3061484	.2949197	.0560683
#3	.3098388	.2923791	.0597763

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1954.209	20062.67	1997.153	1468.451	1791.595
Stddev	2.737	110.93	7.283	4.023	1.226
%RSD	.1400745	.5528970	.3646862	.2739321	.0684064
#1	1955.039	19997.63	1991.815	1464.778	1792.575
#2	1951.153	19999.63	1994.193	1472.750	1791.990
#3	1956.436	20190.75	2005.450	1467.826	1790.221

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5055-07DLX2 Acquired: 01/03/2025 22:40:05 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKT0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0336059	.0071373	.0996253	.0128516	.0170150	25.80372	.2075051
Stddev	.0004200	.0026448	.0045950	.0070023	.0031466	.28131	.0016110
%RSD	1.249805	37.05605	4.612266	54.48601	18.49305	1.090190	.7763809
#1	.0331832	.0073537	.0943313	.0201386	.0140466	25.50584	.2093505
#2	.0336113	.0043910	.1025792	.0061737	.0166846	25.84049	.2067860
#3	.0340231	.0096673	.1019654	.0122425	.0203137	26.06484	.2063789

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0030161	.0016603	546.0443	.0452047	.0696061	.1193297	98.90499
Stddev	.0000857	.0000901	2.6713	.0003335	.0003135	.0025645	.95557
%RSD	2.840408	5.424638	.4892116	.7377403	.4503270	2.149064	.9661518
#1	.0030012	.0015836	543.3482	.0448202	.0699538	.1166671	97.89539
#2	.0029389	.0016378	546.0945	.0454161	.0693453	.1217833	99.02425
#3	.0031083	.0017594	548.6901	.0453777	.0695191	.1195388	99.79534

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.949705	118.9405	.0661183	-.006102	.8400147	.0864835	.3089759
Stddev	.023800	.9901	.0007317	.000510	.0102078	.0162885	.0010051
%RSD	.6025875	.8324409	1.106646	8.358042	1.215196	18.83428	.3253116
#1	3.922471	118.2699	.0654869	-.006675	.8289346	.0727910	.3098527
#2	3.960134	118.4738	.0659478	-.005699	.8420728	.0821625	.3091961
#3	3.966511	120.0777	.0669202	-.005931	.8490366	.1044968	.3078789

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.882385	4.504571	-.208758	.0087285	.6284827	5.529051	.0143636
Stddev	.052620	.011778	.002465	.0009125	.0035894	.013898	.0006380
%RSD	1.825562	.2614686	1.180831	10.45400	.5711245	.2513706	4.441679
#1	2.898405	4.491575	-.210331	.0088785	.6324911	5.529196	.0136801
#2	2.823617	4.507599	-.205917	.0077503	.6255656	5.515081	.0149434
#3	2.925133	4.514540	-.210026	.0095567	.6273914	5.542877	.0144673

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5055-07DLX2 Acquired: 01/03/2025 22:40:05 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKT0 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.5899920	.3847981	.0565380
Stddev	.0101094	.0028455	.0036623
%RSD	1.713478	.7394857	6.477547
#1	.5785234	.3823535	.0566277
#2	.5938415	.3841191	.0528317
#3	.5976111	.3879217	.0601546

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1887.318	19489.65	1932.432	1417.628	1750.055
Stddev	1.718	84.35	14.131	7.525	3.291
%RSD	.0910531	.4328023	.7312310	.5308258	.1880402
#1	1885.489	19503.02	1934.882	1420.664	1753.194
#2	1888.898	19566.52	1945.177	1423.161	1750.339
#3	1887.568	19399.42	1917.237	1409.059	1746.631

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5055-08DLX2 Acquired: 01/03/2025 22:43:55 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKT1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0317491	.0274494	.3384412	-.018987	.0058742	15.80628	.2489074
Stddev	.0017220	.0091131	.0027015	.004936	.0023583	.06073	.0018421
%RSD	5.423746	33.19961	.7982039	25.99678	40.14716	.3842111	.7400631
#1	.0329776	.0376838	.3358742	-.017720	.0031656	15.87585	.2498656
#2	.0297809	.0202128	.3381898	-.014808	.0074720	15.76390	.2500728
#3	.0324889	.0244516	.3412596	-.024433	.0069851	15.77908	.2467837

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0019464	.0026041	709.0689	.0391634	.0645349	.0549383	57.50412
Stddev	.0001167	.0000697	1.8121	.0004157	.0004522	.0060775	.15454
%RSD	5.994372	2.678214	.2555629	1.061359	.7007517	11.06237	.2687405
#1	.0018947	.0026846	710.6065	.0389293	.0640183	.0608105	57.66817
#2	.0020800	.0025637	709.5291	.0396433	.0648593	.0553298	57.36130
#3	.0018646	.0025639	707.0711	.0389175	.0647271	.0486745	57.48289

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.757035	393.8507	.0503886	-.001501	.9360579	.0408067	.5358787
Stddev	.003386	1.0280	.0021458	.001725	.0212817	.0033303	.0083335
%RSD	.0901109	.2610083	4.258400	114.9247	2.273541	8.161076	1.555103
#1	3.760744	394.8213	.0520236	-.003326	.9424448	.0412884	.5429148
#2	3.756252	393.9571	.0511833	-.001281	.9534148	.0372618	.5266758
#3	3.754110	392.7736	.0479588	.000103	.9123142	.0438699	.5380455

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.379905	3.750488	-.087807	.0050828	15.98058	5.484140	.0186999
Stddev	.326666	.005584	.001195	.0011828	.03220	.076988	.0017477
%RSD	7.458284	.1488801	1.360856	23.27075	.2015231	1.403826	9.345933
#1	4.291622	3.744044	-.086954	.0038556	15.95065	5.541313	.0169370
#2	4.741639	3.753507	-.087295	.0062155	15.97644	5.514508	.0187307
#3	4.106454	3.753912	-.089173	.0051771	16.01466	5.396600	.0204320

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5055-08DLX2 Acquired: 01/03/2025 22:43:55 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKT1 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.2181399	.2938353	.0313731
Stddev	.0026969	.0002706	.0040957
%RSD	1.236299	.0920795	13.05471
#1	.2208739	.2936520	.0326455
#2	.2154818	.2941461	.0267923
#3	.2180639	.2937078	.0346816

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1763.993	18297.36	1834.527	1317.811	1670.349
Stddev	4.340	57.38	20.275	13.944	5.727
%RSD	.2460450	.3136159	1.105173	1.058141	.3428535
#1	1768.198	18232.13	1818.145	1311.714	1674.476
#2	1764.251	18340.07	1828.235	1333.766	1672.761
#3	1759.529	18319.87	1857.202	1307.954	1663.811

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5055-09DLX2 Acquired: 01/03/2025 22:47:45 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKT2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0275303	.0260233	.2744741	-.019899	.0038409	13.29562	.1711614
Stddev	.0016292	.0035650	.0049778	.003416	.0029697	.04479	.0024357
%RSD	5.917680	13.69935	1.813565	17.16718	77.31909	.3369061	1.423017
#1	.0264238	.0256702	.2697911	-.018140	.0062853	13.24791	.1691221
#2	.0294011	.0226479	.2797019	-.023837	.0005359	13.33678	.1738584
#3	.0267661	.0297517	.2739294	-.017721	.0047015	13.30216	.1705038

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0015283	.0017674	698.5549	.0285461	.0587276	.0417902	54.60404
Stddev	.0001960	.0001190	3.1809	.0010181	.0005397	.0035854	.07989
%RSD	12.82673	6.731113	.4553527	3.566519	.9189581	8.579544	.1463104
#1	.0013062	.0019036	694.8842	.0280099	.0593426	.0388167	54.64846
#2	.0016771	.0017150	700.2777	.0279083	.0583330	.0407822	54.51181
#3	.0016017	.0016837	700.5027	.0297203	.0585072	.0457717	54.65186

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.366866	378.8535	.0408463	-.003349	.9145028	.0255248	.3955205
Stddev	.010366	1.0562	.0012124	.000582	.0214663	.0096445	.0023343
%RSD	.3078882	.2787883	2.968123	17.37614	2.347316	37.78472	.5901889
#1	3.354898	377.7889	.0414740	-.003373	.9298741	.0360987	.3980058
#2	3.372708	378.8706	.0394488	-.002756	.9236573	.0172113	.3933742
#3	3.372993	379.9011	.0416161	-.003919	.8899769	.0232644	.3951814

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.458404	2.461244	-.087396	.0061733	13.85560	4.929776	.0159297
Stddev	.103559	.006460	.004435	.0004699	.02830	.048292	.0012659
%RSD	2.994402	.2624596	5.075086	7.611227	.2042322	.9795975	7.946932
#1	3.428369	2.454183	-.082391	.0056905	13.82295	4.875483	.0145443
#2	3.373183	2.466857	-.090841	.0062002	13.87085	4.967935	.0170263
#3	3.573660	2.462693	-.088956	.0066291	13.87300	4.945911	.0162184

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5055-09DLX2 Acquired: 01/03/2025 22:47:45 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKT2 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.2042779	.2932345	.0273970
Stddev	.0010574	.0012536	.0016943
%RSD	.5176435	.4274924	6.184099
#1	.2049035	.2925257	.0266385
#2	.2048732	.2946819	.0262146
#3	.2030570	.2924958	.0293381

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1728.398	18047.01	1799.274	1311.324	1664.906
Stddev	5.030	85.88	12.763	9.607	3.845
%RSD	.2910357	.4758825	.7093657	.7326199	.2309616
#1	1723.797	17960.98	1811.195	1301.281	1666.089
#2	1733.769	18047.31	1785.809	1320.426	1668.021
#3	1727.630	18132.75	1800.818	1312.263	1660.609

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5055-14DLX2 Acquired: 01/03/2025 22:51:34 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKT5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0259625	.0147647	.1363918	.0051947	.0167079	25.19754	.2617861
Stddev	.0021638	.0078424	.0057304	.0054419	.0041069	.16252	.0029089
%RSD	8.334272	53.11609	4.201401	104.7580	24.58028	.6449881	1.111159
#1	.0283577	.0152448	.1326212	.0104850	.0132006	25.37781	.2626145
#2	.0241490	.0223560	.1429860	-.000387	.0156975	25.15256	.2641910
#3	.0253808	.0066933	.1335682	.005486	.0212257	25.06224	.2585530

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0025255	.0015583	554.5132	.0439247	.0758931	.0828903	88.83447
Stddev	.0001452	.0000268	.4626	.0011238	.0003653	.0054998	.44959
%RSD	5.748574	1.719195	.0834217	2.558492	.4813924	6.635043	.5060992
#1	.0025470	.0015833	554.8977	.0452021	.0757620	.0769533	89.32269
#2	.0026587	.0015300	553.9999	.0434836	.0763059	.0839064	88.74319
#3	.0023707	.0015616	554.6420	.0430883	.0756114	.0878111	88.43752

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.379720	111.6541	.0733850	-.005104	.8118735	.0833789	.3085068
Stddev	.018260	.3269	.0012612	.000998	.0222136	.0102138	.0009291
%RSD	.4169115	.2927706	1.718656	19.56353	2.736090	12.24985	.3011549
#1	4.398614	111.8505	.0748414	-.004227	.8373330	.0951714	.3075321
#2	4.362170	111.2768	.0726608	-.006190	.8018460	.0776398	.3093823
#3	4.378375	111.8352	.0726529	-.004894	.7964415	.0773255	.3086059

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.555929	3.439631	-.167590	.0043625	.6567074	5.427521	.0143681
Stddev	.052892	.003320	.001585	.0008707	.0107036	.044050	.0020147
%RSD	1.160939	.0965313	.9457372	19.95999	1.629891	.8116004	14.02206
#1	4.495442	3.443013	-.167295	.0052436	.6529424	5.478336	.0137020
#2	4.593487	3.439505	-.169301	.0043413	.6483951	5.400192	.0127707
#3	4.578857	3.436376	-.166172	.0035025	.6687848	5.404033	.0166314

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5055-14DLX2 Acquired: 01/03/2025 22:51:34 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKT5 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.7995178	.4118949	.0551893
Stddev	.0135679	.0023561	.0009430
%RSD	1.697012	.5720220	1.708702
#1	.8151732	.4145637	.0555973
#2	.7911719	.4110183	.0558597
#3	.7922082	.4101028	.0541110

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1851.134	19146.34	1917.590	1393.485	1764.042
Stddev	6.216	91.28	8.316	10.383	7.006
%RSD	.3358097	.4767505	.4336480	.7451045	.3971407
#1	1850.657	19198.79	1909.145	1404.601	1760.302
#2	1845.171	19040.94	1917.855	1384.037	1759.699
#3	1857.576	19199.30	1925.770	1391.818	1772.124

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5055-15DLX2 Acquired: 01/03/2025 22:55:24 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKT6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0434498	.0222849	.1850555	-.008315	.0105717	21.67244
Stddev	.0041088	.0060430	.0032109	.004874	.0020195	.06232
%RSD	9.456395	27.11689	1.735096	58.60913	19.10282	.2875608
#1	.0479777	.0212734	.1854650	-.013940	.0095353	21.73368
#2	.0424131	.0287697	.1880421	-.005650	.0128990	21.67454
#3	.0399587	.0168114	.1816596	-.005355	.0092809	21.60909

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4796052	.0024344	.0020078	F 805.6182	.0392084	.0825866
Stddev	.0037166	.0000707	.0000773	4.1972	.0012700	.0007999
%RSD	.7749246	2.904816	3.847986	.5209889	3.239053	.9686100
#1	.4815067	.0023998	.0019224	809.8392	.0383590	.0835094
#2	.4819863	.0023875	.0020727	805.5703	.0385978	.0821604
#3	.4753226	.0025157	.0020284	801.4452	.0406683	.0820900

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1170289	74.81529	6.228138	125.3670	.0767447	-.004779
Stddev	.0015244	.37336	.030371	.7610	.0011148	.001067
%RSD	1.302590	.4990401	.4876487	.6069898	1.452596	22.31915
#1	.1153601	75.03301	6.257044	125.7932	.0780008	-.005980
#2	.1183483	75.02868	6.230883	125.8193	.0758730	-.003943
#3	.1173783	74.38418	6.196487	124.4885	.0763602	-.004413

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8571574	.0555020	.2443086	5.274615	6.466496	-.117753
Stddev	.0168662	.0096211	.0019710	.142756	.024390	.002664
%RSD	1.967684	17.33465	.8067497	2.706476	.3771802	2.262548
#1	.8766014	.0580916	.2438647	5.438422	6.478221	-.118702
#2	.8464787	.0635633	.2425974	5.208680	6.438457	-.119813
#3	.8483921	.0448512	.2464637	5.176745	6.482810	-.114745

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5055-15DLX2 Acquired: 01/03/2025 22:55:24 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKT6 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0041888	1.158871	5.450057	.0118388	.3433371	.5971074
Stddev	.0006098	.001596	.049340	.0009893	.0040514	.0026984
%RSD	14.55879	.1377123	.9053070	8.356555	1.179997	.4519126
#1	.0035969	1.158625	5.487064	.0118276	.3478761	.5990511
#2	.0048152	1.160576	5.469068	.0108551	.3420484	.5982446
#3	.0041544	1.157413	5.394040	.0128336	.3400869	.5940266

Elem	Li6707
Units	ppm
Avg	.0447141
Stddev	.0032930
%RSD	7.364509
#1	.0419204
#2	.0438771
#3	.0483448

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1860.199	19233.48	1921.282	1401.863	1708.679
Stddev	9.068	51.39	16.805	4.832	5.757
%RSD	.4874842	.2671688	.8746979	.3446877	.3369422
#1	1865.238	19254.32	1909.977	1406.656	1713.009
#2	1849.730	19174.95	1913.276	1396.993	1702.145
#3	1865.628	19271.17	1940.594	1401.939	1710.882

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5055-16DLX5 Acquired: 01/03/2025 22:59:14 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKT7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0050797	.0275122	.0652854	-.031028	-.002470	8.513030	.1420321
Stddev	.0040052	.0070624	.0007513	.010896	.003860	.088522	.0035673
%RSD	78.84654	25.67001	1.150767	35.11724	156.2727	1.039836	2.511647
#1	.0042194	.0286184	.0648505	-.026060	-.000236	8.610788	.1441141
#2	.0094451	.0339562	.0661529	-.023500	-.006927	8.490009	.1440692
#3	.0015746	.0199620	.0648527	-.043522	-.000247	8.438293	.1379129

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0010461	.0008598	525.5715	.0159688	.0488975	.0356607	25.39516
Stddev	.0000317	.0000673	2.2922	.0008625	.0005315	.0049781	.19127
%RSD	3.032517	7.824357	.4361379	5.401189	1.087065	13.95958	.7531929
#1	.0010095	.0008055	528.1056	.0161109	.0494911	.0363664	25.58067
#2	.0010649	.0008388	524.9665	.0150440	.0487356	.0303675	25.40621
#3	.0010639	.0009350	523.6425	.0167513	.0484657	.0402483	25.19860

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.782303	30.04114	.0205291	-.001236	.3976755	.0032567	.0823510
Stddev	.008039	.29196	.0006734	.002229	.0388585	.0039220	.0009929
%RSD	.4510668	.9718759	3.280436	180.3734	9.771414	120.4275	1.205665
#1	1.791584	30.37700	.0197557	-.002881	.3822504	.0057341	.0817046
#2	1.777849	29.89845	.0209866	-.002128	.3688979	-.001265	.0818541
#3	1.777477	29.84796	.0208448	.001301	.4418783	.005301	.0834942

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.629263	1.046216	-.037778	.0046486	.5748140	2.272299	.0087477
Stddev	.208720	.005848	.003688	.0008054	.0120205	.017380	.0014528
%RSD	7.938353	.5589715	9.763451	17.32544	2.091194	.7648612	16.60802
#1	2.438619	1.039475	-.034482	.0043189	.5752886	2.290946	.0100771
#2	2.852277	1.049938	-.041762	.0040604	.5865901	2.269401	.0071969
#3	2.596893	1.049234	-.037089	.0055666	.5625632	2.256551	.0089692

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5055-16DLX5 Acquired: 01/03/2025 22:59:14 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKT7 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.0806247	.3632313	.0144425
Stddev	.0033025	.0015050	.0026478
%RSD	4.096184	.4143272	18.33332
#1	.0844334	.3647393	.0113944
#2	.0785560	.3632253	.0161727
#3	.0788846	.3617294	.0157605

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1786.876	18532.80	1820.838	1351.133	1823.055
Stddev	.429	51.18	15.199	5.496	1.752
%RSD	.0240259	.2761701	.8347415	.4068046	.0961198
#1	1787.322	18474.76	1803.356	1350.510	1821.052
#2	1786.842	18552.16	1828.236	1356.915	1823.810
#3	1786.465	18571.48	1830.923	1345.975	1824.304

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5055-20DLX2 Acquired: 01/03/2025 23:03:10 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKW8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0454920	.0153384	.3145189	.0187908	.0160778	28.49135	.9085227
Stddev	.0069577	.0009229	.0088298	.0046882	.0034326	.11596	.0023459
%RSD	15.29428	6.017151	2.807388	24.94916	21.34988	.4070030	.2582057
#1	.0519594	.0147792	.3153599	.0234676	.0136771	28.60899	.9085702
#2	.0463863	.0148323	.3052987	.0140914	.0145469	28.48792	.9108444
#3	.0381305	.0164036	.3228980	.0188134	.0200095	28.37714	.9061534

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0031168	.0026968	687.5908	.0516925	.0906792	.1469011	99.30865
Stddev	.0001747	.0000380	1.8328	.0009877	.0009706	.0059984	.75209
%RSD	5.604255	1.408684	.2665527	1.910811	1.070394	4.083326	.7573266
#1	.0032192	.0026587	689.6829	.0517343	.0908362	.1526860	100.1550
#2	.0032161	.0027346	686.2682	.0526587	.0896396	.1473076	99.0541
#3	.0029151	.0026971	686.8212	.0506845	.0915618	.1407097	98.7169

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.823483	141.3847	.0890894	-.003452	.8444707	.0727439	.4298391
Stddev	.053477	.8421	.0008927	.001286	.0166555	.0122647	.0028243
%RSD	.5443824	.5956052	1.001981	37.27059	1.972296	16.86003	.6570670
#1	9.882907	142.3468	.0881729	-.004855	.8253166	.0801099	.4272455
#2	9.808312	141.0257	.0891391	-.002329	.8525503	.0585858	.4294235
#3	9.779230	140.7816	.0899561	-.003170	.8555454	.0795360	.4328481

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.013893	4.743178	-.179033	.0062204	1.394674	6.086937	.0221740
Stddev	.164688	.022138	.003091	.0003236	.003539	.057489	.0034148
%RSD	2.738452	.4667352	1.726412	5.202360	.2537827	.9444656	15.40011
#1	5.988622	4.750263	-.177789	.0065928	1.397665	6.141771	.0194165
#2	6.189756	4.718365	-.176758	.0060083	1.390767	6.027118	.0259937
#3	5.863302	4.760907	-.182552	.0060600	1.395591	6.091921	.0211120

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5055-20DLX2 Acquired: 01/03/2025 23:03:10 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKW8 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.2889978	.4714827	.0549170
Stddev	.0027572	.0029457	.0058551
%RSD	.9540425	.6247799	10.66174
#1	.2914614	.4746282	.0551345
#2	.2895124	.4710310	.0489562
#3	.2860196	.4687889	.0606603

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1854.606	19198.27	1898.852	1398.622	1716.073
Stddev	8.580	91.80	13.231	9.614	3.560
%RSD	.4626433	.4781835	.6967845	.6873834	.2074377
#1	1864.278	19274.53	1883.852	1408.672	1719.727
#2	1847.910	19096.37	1908.862	1389.513	1715.876
#3	1851.630	19223.90	1903.842	1397.682	1712.616

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5055-21DLX5 Acquired: 01/03/2025 23:07:00 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKW9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0092878	.0303497	.0733040	-.028287	.0011189	11.35201	.1507545
Stddev	.0012879	.0008268	.0038485	.006601	.0017519	.09074	.0007681
%RSD	13.86602	2.724239	5.250022	23.33587	156.5764	.7993248	.5095137
#1	.0106351	.0310867	.0776908	-.028618	.0012202	11.39844	.1504963
#2	.0080690	.0294556	.0717249	-.034717	-.000681	11.41014	.1501487
#3	.0091594	.0305067	.0704961	-.021527	.002818	11.24745	.1516184

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0012448	.0007248	454.8985	.0200338	.0529224	.0469659	30.34211
Stddev	.0001263	.0001051	1.7669	.0011787	.0006176	.0054610	.21846
%RSD	10.14951	14.50081	.3884099	5.883607	1.167075	11.62764	.7199831
#1	.0013158	.0006409	455.9777	.0202709	.0522936	.0453829	30.59015
#2	.0013196	.0008427	452.8595	.0187545	.0529453	.0424712	30.25785
#3	.0010989	.0006907	455.8584	.0210759	.0535283	.0530435	30.17832

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.796435	53.39781	.0276514	-.000336	.4892238	.0117653	.1162039
Stddev	.022862	.32524	.0005981	.001296	.0028297	.0197708	.0007285
%RSD	.8175242	.6090868	2.163178	385.5875	.5783973	168.0428	.6268821
#1	2.822830	53.76143	.0272121	.000402	.4868662	-.005691	.1163360
#2	2.782903	53.13466	.0274094	.000422	.4884433	.007752	.1154185
#3	2.783571	53.29734	.0283326	-.001832	.4923617	.033235	.1168573

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.808316	1.384788	-.054374	.0052923	.4486492	2.402611	.0072901
Stddev	.198383	.006146	.001480	.0008661	.0057840	.021848	.0020808
%RSD	7.064128	.4438093	2.721525	16.36454	1.289202	.9093547	28.54317
#1	2.611225	1.383383	-.054347	.0054511	.4455479	2.427053	.0096029
#2	2.805755	1.379466	-.052907	.0043578	.4450772	2.384978	.0055697
#3	3.007967	1.391515	-.055866	.0060679	.4553224	2.395802	.0066977

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5055-21DLX5 Acquired: 01/03/2025 23:07:00 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKW9 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.1242224	.3260794	.0173263
Stddev	.0066669	.0013464	.0014151
%RSD	5.366874	.4128925	8.167252
#1	.1210850	.3269227	.0164405
#2	.1197030	.3245266	.0189583
#3	.1318791	.3267888	.0165802

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1808.157	18706.77	1847.299	1370.079	1827.462
Stddev	3.609	33.60	9.250	5.306	5.769
%RSD	.1995920	.1796401	.5007454	.3873045	.3156613
#1	1805.956	18716.26	1838.741	1375.100	1821.165
#2	1812.322	18734.61	1857.113	1370.610	1832.491
#3	1806.193	18669.44	1846.042	1364.527	1828.729

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5055-22DLX2 Acquired: 01/03/2025 23:10:55 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKX0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0688189	.0176134	.1661963	.0151661	.0172302	28.30883	.3317055
Stddev	.0097411	.0033305	.0023791	.0039411	.0056559	.21319	.0011409
%RSD	14.15462	18.90918	1.431521	25.98600	32.82586	.7530841	.3439468
#1	.0766355	.0199356	.1686887	.0107894	.0185963	28.53239	.3329071
#2	.0719153	.0191070	.1659508	.0162750	.0220779	28.10780	.3315727
#3	.0579061	.0137975	.1639495	.0184339	.0110163	28.28630	.3306369

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0036791	.0019607	742.2949	.0443084	.0839941	.2289045	103.1036
Stddev	.0001061	.0000417	3.8466	.0014292	.0003406	.0091451	.5522
%RSD	2.883680	2.124435	.5181997	3.225584	.4054596	3.995142	.5355759
#1	.0037920	.0020083	746.0154	.0447535	.0843204	.2327821	103.6191
#2	.0036639	.0019430	738.3336	.0454620	.0836409	.2184595	102.5209
#3	.0035815	.0019308	742.5357	.0427096	.0840210	.2354720	103.1709

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.616838	88.96641	.0868568	-.005409	.9540110	.0575950	.2621906
Stddev	.026766	.60713	.0012536	.001776	.0188325	.0132826	.0008965
%RSD	.5797460	.6824254	1.443323	32.84005	1.974028	23.06208	.3419205
#1	4.642350	89.63520	.0880107	-.005992	.9376490	.0629577	.2619675
#2	4.588974	88.44997	.0870370	-.003414	.9745966	.0673579	.2631776
#3	4.619191	88.81405	.0855229	-.006821	.9497873	.0424695	.2614267

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.592966	8.732186	-.175702	.0058639	1.143188	5.698615	.0135854
Stddev	.077295	.016071	.001368	.0005499	.011957	.025860	.0011644
%RSD	1.017975	.1840468	.7784070	9.378352	1.045930	.4538000	8.570698
#1	7.576313	8.713831	-.174337	.0062976	1.129587	5.694362	.0147063
#2	7.677229	8.738997	-.177072	.0060488	1.147935	5.675145	.0123819
#3	7.525355	8.743730	-.175697	.0052453	1.152043	5.726338	.0136680

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5055-22DLX2 Acquired: 01/03/2025 23:10:55 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKX0 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.1877673	.6429047	.0569006
Stddev	.0052410	.0036201	.0017983
%RSD	2.791200	.5630876	3.160495
#1	.1904426	.6465342	.0560153
#2	.1911307	.6392940	.0589700
#3	.1817286	.6428858	.0557165

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1906.192	19774.67	1960.335	1435.958	1711.593
Stddev	3.365	98.73	8.953	9.235	3.737
%RSD	.1765407	.4992826	.4567041	.6431448	.2183580
#1	1906.269	19666.54	1954.315	1425.660	1710.851
#2	1909.519	19797.46	1970.623	1438.711	1715.646
#3	1902.790	19860.02	1956.067	1443.504	1708.283

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5064-04DLX2 Acquired: 01/03/2025 23:14:46 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHL97 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0175436	.0210527	.0678977	-.018112	.0085971	24.89365	.2268701
Stddev	.0045927	.0027557	.0013296	.011346	.0028703	.16090	.0016022
%RSD	26.17849	13.08954	1.958175	62.64278	33.38628	.6463607	.7061956
#1	.0216487	.0242186	.0672564	-.028472	.0104857	24.91015	.2265221
#2	.0183987	.0197473	.0694263	-.005987	.0100114	25.04567	.2286177
#3	.0125836	.0191923	.0670103	-.019878	.0052941	24.72513	.2254706

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0021350	.0012797	562.0652	.0429345	.0647488	.1043969	65.88916
Stddev	.0000961	.0000759	3.1893	.0005387	.0003793	.0026840	.37292
%RSD	4.502864	5.927605	.5674336	1.254721	.5858740	2.570986	.5659872
#1	.0021414	.0012041	562.4515	.0423178	.0648718	.1052746	66.09049
#2	.0022277	.0013558	565.0439	.0433133	.0643232	.1065322	66.11816
#3	.0020358	.0012793	558.7004	.0431724	.0650513	.1013839	65.45884

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.504936	106.4477	.0618641	-.004599	.7328205	.0532894	.1483790
Stddev	.023937	.6979	.0005545	.000254	.0191526	.0057125	.0005751
%RSD	.5313607	.6556621	.8962784	5.515938	2.613539	10.71978	.3876026
#1	4.496623	106.4526	.0625039	-.004826	.7470843	.0525927	.1477941
#2	4.531922	107.1431	.0615667	-.004325	.7403251	.0593183	.1483990
#3	4.486263	105.7472	.0615218	-.004645	.7110521	.0479572	.1489438

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.322911	3.390593	-.132789	.0057487	.3693372	6.739704	.0086142
Stddev	.200735	.006005	.001700	.0010058	.0082028	.070675	.0029863
%RSD	4.643521	.1771121	1.280285	17.49584	2.220956	1.048640	34.66731
#1	4.403797	3.386470	-.131628	.0046671	.3648685	6.761030	.0117804
#2	4.094352	3.387827	-.134741	.0059229	.3643389	6.797260	.0058481
#3	4.470584	3.397483	-.131998	.0066559	.3788040	6.660821	.0082141

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5064-04DLX2 Acquired: 01/03/2025 23:14:46 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHL97 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.6287814	.2546324	.0437430
Stddev	.0061025	.0013273	.0067455
%RSD	.9705252	.5212612	15.42081
#1	.6217505	.2553817	.0378865
#2	.6318904	.2554156	.0511185
#3	.6327033	.2530999	.0422239

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1861.080	19322.77	1904.755	1406.437	1762.378
Stddev	2.970	47.76	17.906	4.796	.989
%RSD	.1595889	.2471896	.9400886	.3410378	.0560957
#1	1859.569	19268.23	1899.461	1411.039	1762.298
#2	1864.501	19357.14	1890.093	1406.805	1763.404
#3	1859.169	19342.95	1924.712	1401.467	1761.431

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5061-05DLX2 Acquired: 01/03/2025 23:18:38 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHL52 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0408342	.0166702	.1486850	.0043056	.0104459	30.05576	.4057430
Stddev	.0019158	.0020923	.0046190	.0094329	.0024518	.15237	.0064869
%RSD	4.691586	12.55119	3.106554	219.0848	23.47185	.5069469	1.598769
#1	.0427797	.0179190	.1462448	.0025286	.0079740	30.22563	.4067277
#2	.0389496	.0142547	.1457980	-.004112	.0104864	30.01048	.4116813
#3	.0407734	.0178370	.1540123	.014501	.0128772	29.93116	.3988201

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0034144	.0013238	480.6327	.0491912	.0757141	.0903004	80.85995
Stddev	.0002570	.0000734	.6785	.0009568	.0006700	.0119562	.32084
%RSD	7.526261	5.544067	.1411783	1.945128	.8848627	13.24046	.3967862
#1	.0032025	.0012808	481.0455	.0482127	.0761179	.0838222	81.22070
#2	.0033404	.0014086	481.0030	.0492363	.0749407	.0829814	80.75262
#3	.0037003	.0012821	479.8496	.0501248	.0760837	.1040977	80.60654

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.141933	41.46135	.0608859	-.003449	.5367993	.0719742	.1681289
Stddev	.011001	.24415	.0020512	.001153	.0083879	.0100891	.0017569
%RSD	.3501222	.5888733	3.368904	33.42985	1.562572	14.01772	1.044953
#1	3.154001	41.74315	.0616879	-.004012	.5426330	.0833772	.1701512
#2	3.139332	41.31318	.0624149	-.004213	.5271867	.0642066	.1669787
#3	3.132466	41.32771	.0585549	-.002123	.5405781	.0683386	.1672567

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.988602	2.074146	-.142605	.0051406	.8811289	7.960415	.0129389
Stddev	.162803	.005361	.001198	.0014145	.0028941	.075555	.0004777
%RSD	2.718547	.2584743	.8398199	27.51661	.3284564	.9491395	3.692098
#1	6.154789	2.068307	-.142303	.0048345	.8784096	8.012888	.0124594
#2	5.981610	2.075285	-.143924	.0039042	.8841708	7.873816	.0129424
#3	5.829408	2.078847	-.141587	.0066831	.8808062	7.994540	.0134148

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5061-05DLX2 Acquired: 01/03/2025 23:18:38 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHL52 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.2426957	.3811262	.0472252
Stddev	.0071956	.0023968	.0035187
%RSD	2.964863	.6288765	7.450968
#1	.2347769	.3837639	.0498396
#2	.2488337	.3805333	.0432244
#3	.2444766	.3790815	.0486114

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1879.463	19493.93	1912.544	1423.616	1797.130
Stddev	1.797	100.24	8.690	12.537	1.234
%RSD	.0956343	.5142305	.4543525	.8806160	.0686572
#1	1881.536	19440.92	1902.774	1412.710	1798.551
#2	1878.340	19431.33	1919.411	1420.824	1796.337
#3	1878.513	19609.55	1915.446	1437.313	1796.501

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5061-06DLX2 Acquired: 01/03/2025 23:22:30 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHL52D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0373495	.0175968	.1544211	.0046780	.0111762	30.96268	.4154149
Stddev	.0070490	.0004175	.0011567	.0061811	.0025401	.15633	.0026057
%RSD	18.87309	2.372803	.7490628	132.1314	22.72823	.5048975	.6272489
#1	.0385113	.0176587	.1557565	.0115394	.0133572	30.99313	.4145481
#2	.0437454	.0171518	.1537748	.0029498	.0117840	31.10154	.4183435
#3	.0297918	.0179800	.1537319	-.000455	.0083872	30.79336	.4133531

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0035406	.0014053	488.4902	.0496767	.0753478	.0996217	82.14558
Stddev	.0000962	.0000891	1.9478	.0006329	.0002774	.0097716	.32174
%RSD	2.717019	6.338285	.3987400	1.273930	.3682257	9.808666	.3916661
#1	.0034973	.0013064	489.3794	.0502769	.0753586	.0972960	82.11409
#2	.0036509	.0014303	489.8347	.0490156	.0756197	.1103463	82.48191
#3	.0034737	.0014793	486.2565	.0497377	.0750652	.0912229	81.84075

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.192529	41.95088	.0627007	-.003196	.5327038	.0632004	.1710105
Stddev	.020710	.35373	.0002421	.000513	.0127341	.0076769	.0016967
%RSD	.6487166	.8431958	.3861498	16.03922	2.390459	12.14699	.9921832
#1	3.194544	42.35206	.0625268	-.002899	.5438397	.0600211	.1729252
#2	3.212159	41.81678	.0629772	-.002901	.5354516	.0719562	.1696937
#3	3.170885	41.68382	.0625980	-.003788	.5188202	.0576237	.1704124

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.333631	2.091444	-.137242	.0051761	.8826868	8.478396	.0146733
Stddev	.150005	.010661	.002289	.0010127	.0042016	.102465	.0019593
%RSD	2.368396	.5097661	1.667687	19.56527	.4759991	1.208539	13.35292
#1	6.396222	2.079541	-.139035	.0042832	.8872094	8.485543	.0165785
#2	6.442204	2.100117	-.138026	.0062765	.8789046	8.577100	.0147772
#3	6.162466	2.094673	-.134664	.0049685	.8819465	8.372545	.0126641

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5061-06DLX2 Acquired: 01/03/2025 23:22:30 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHL52D Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.2827768	.3860377	.0476105
Stddev	.0114868	.0016821	.0029476
%RSD	4.062153	.4357257	6.190984
#1	.2746022	.3870046	.0442946
#2	.2778181	.3870131	.0486038
#3	.2959100	.3840954	.0499330

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1871.402	19366.58	1907.966	1414.084	1788.396
Stddev	2.504	100.54	23.859	13.003	1.538
%RSD	.1338177	.5191646	1.250475	.9195315	.0859720
#1	1869.631	19253.15	1903.498	1399.140	1788.207
#2	1870.307	19401.84	1886.656	1422.820	1786.962
#3	1874.267	19444.74	1933.742	1420.291	1790.019

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5061-05DLX10 Acquired: 01/03/2025 23:26:23 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHL52L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0027188	.0195101	.0317172	-.015251	.0016753	6.209224	.0716144
Stddev	.0047876	.0024291	.0019280	.004530	.0041797	.033811	.0031234
%RSD	176.0954	12.45048	6.078551	29.70098	249.4865	.5445245	4.361428
#1	-.002257	.0218319	.0336347	-.017984	.0016545	6.196202	.0746838
#2	.007292	.0169863	.0317381	-.017746	.0058654	6.183861	.0684396
#3	.003121	.0197121	.0297789	-.010022	-.002494	6.247610	.0717198

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006160	.0001745	106.1560	.0101863	.0326306	.0136937	17.05253
Stddev	.0000301	.0000471	.4570	.0003150	.0002544	.0098654	.08047
%RSD	4.884549	27.00153	.4304747	3.092050	.7796279	72.04356	.4718657
#1	.0005824	.0002284	105.9474	.0105452	.0325078	.0024521	17.12047
#2	.0006250	.0001411	105.8406	.0100579	.0329231	.0209105	16.96367
#3	.0006405	.0001541	106.6801	.0099559	.0324609	.0177184	17.07346

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5891034	9.934743	.0076023	.0000672	.0704839	.0019517	.0332353
Stddev	.0040225	.071171	.0006213	.0025102	.0185553	.0051272	.0007371
%RSD	.6828131	.7163882	8.172272	3732.573	26.32558	262.7052	2.217724
#1	.5904181	9.907270	.0083115	.0003051	.0846739	-.002109	.0329340
#2	.5923040	9.881402	.0071538	-.002553	.0772915	.000251	.0340752
#3	.5845881	10.01556	.0073418	.002450	.0494863	.007713	.0326965

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.023374	.4159687	-.037970	.0049237	.1564565	1.280880	.0040995
Stddev	.154551	.0030316	.002980	.0005979	.0009546	.008726	.0004327
%RSD	15.10205	.7288181	7.847591	12.14360	.6101111	.6812373	10.55430
#1	.963810	.4129088	-.040959	.0054878	.1572259	1.273119	.0036009
#2	.907468	.4160260	-.035000	.0049865	.1553883	1.279196	.0043220
#3	1.198844	.4189713	-.037951	.0042969	.1567554	1.290325	.0043757

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5061-05DLX10 Acquired: 01/03/2025 23:26:23 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHL52L Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.0311943	.0665313	.0002080
Stddev	.0060973	.0006498	.0071464
%RSD	19.54623	.9767065	3436.129
#1	.0242829	.0658562	-.006079
#2	.0334875	.0665852	.007981
#3	.0358125	.0671525	-.001278

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1845.877	18966.82	1836.482	1392.416	1965.327
Stddev	2.082	101.37	3.693	12.408	2.487
%RSD	.1127779	.5344534	.2010920	.8911170	.1265648
#1	1846.297	18854.62	1833.870	1385.652	1966.908
#2	1847.717	18994.05	1840.707	1384.861	1962.460
#3	1843.617	19051.80	1834.868	1406.737	1966.613

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5061-07DLX2 Acquired: 01/03/2025 23:30:22 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHL52S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0818516	.0612944	.1635944	.0836680	.0944400	29.92126	2.161259
Stddev	.0037290	.0044899	.0020783	.0057047	.0087445	.07247	.007051
%RSD	4.555791	7.325108	1.270401	6.818256	9.259274	.2422185	.3262629
#1	.0793576	.0566783	.1636057	.0855643	.0843460	29.87705	2.156988
#2	.0861384	.0656464	.1615105	.0772566	.0992660	30.00490	2.169397
#3	.0800588	.0615586	.1656671	.0881830	.0997081	29.88182	2.157390

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0508353	.0500114	478.1808	.2375429	.5533743	.3100829	77.44135
Stddev	.0005787	.0001669	1.4990	.0005609	.0006837	.0090316	.26331
%RSD	1.138418	.3337234	.3134849	.2361099	.1235480	2.912654	.3400072
#1	.0508274	.0501881	477.0781	.2379045	.5541148	.3199606	77.30243
#2	.0514180	.0499898	479.8876	.2368968	.5527670	.3022470	77.74502
#3	.0502606	.0498564	477.5766	.2378273	.5532411	.3080410	77.27659

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.069240	44.40128	.5526408	.0303729	.5102623	.5354104	.5671334
Stddev	.013295	.16026	.0017143	.0008268	.0074472	.0071770	.0024589
%RSD	.4331758	.3609356	.3101958	2.722140	1.459477	1.340461	.4335738
#1	3.056691	44.31927	.5512029	.0302189	.5085547	.5391995	.5645593
#2	3.083173	44.58595	.5521817	.0296339	.5184149	.5398988	.5673827
#3	3.067855	44.29862	.5545379	.0312658	.5038172	.5271330	.5694582

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.401557	2.134019	-.130183	.0044992	.7972721	5.765571	.0105338
Stddev	.116081	.005568	.001183	.0012685	.0008404	.043472	.0004487
%RSD	2.149026	.2609127	.9089312	28.19462	.1054068	.7539930	4.259622
#1	5.344249	2.130213	-.130814	.0040021	.7964354	5.803126	.0100479
#2	5.535147	2.131434	-.130916	.0059410	.7972649	5.775638	.0106210
#3	5.325275	2.140409	-.128818	.0035545	.7981161	5.717948	.0109325

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5061-07DLX2 Acquired: 01/03/2025 23:30:22 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHL52S Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.1509045	.3021571	.0412196
Stddev	.0020354	.0010296	.0029541
%RSD	1.348803	.3407510	7.166708
#1	.1530534	.3020296	.0429494
#2	.1506543	.3032445	.0429008
#3	.1490057	.3011972	.0378086

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1902.333	19608.58	1934.269	1429.391	1826.598
Stddev	4.596	44.35	14.887	5.149	1.101
%RSD	.2416089	.2261539	.7696333	.3602216	.0602576
#1	1906.606	19640.95	1923.745	1435.316	1826.379
#2	1897.470	19626.75	1927.761	1426.865	1827.792
#3	1902.923	19558.03	1951.302	1425.993	1825.623

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5061-08DLX2 Acquired: 01/03/2025 23:34:10 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHL53 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0446086	.0169651	.1546007	.0082019	.0151001	34.16500	.3750206
Stddev	.0096820	.0068071	.0026648	.0067989	.0014385	.14617	.0027347
%RSD	21.70445	40.12446	1.723667	82.89442	9.526515	.4278467	.7292019
#1	.0470304	.0237766	.1530847	.0119186	.0165341	34.03982	.3722669
#2	.0528499	.0101623	.1530398	.0003548	.0136571	34.32565	.3750592
#3	.0339456	.0169563	.1576777	.0123323	.0151092	34.12954	.3777358

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0036315	.0014233	452.0912	.0567424	.0731312	.0797038	84.93412
Stddev	.0001023	.0001314	2.5915	.0007806	.0008073	.0077925	.55350
%RSD	2.817242	9.234735	.5732253	1.375662	1.103953	9.776803	.6516770
#1	.0035363	.0014865	449.7937	.0561620	.0740577	.0795997	84.41368
#2	.0037397	.0015111	454.9004	.0576298	.0725786	.0875478	85.51561
#3	.0036186	.0012722	451.5795	.0564354	.0727574	.0719639	84.87308

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.215501	41.54706	.0677087	-.004236	.6471450	.0610903	.2176814
Stddev	.026317	.24818	.0016871	.001145	.0136402	.0091882	.0012704
%RSD	.8184432	.5973494	2.491740	27.01982	2.107746	15.04032	.5835932
#1	3.194845	41.33654	.0661898	-.005199	.6347524	.0578134	.2190319
#2	3.245132	41.82071	.0695246	-.004539	.6617599	.0539898	.2165102
#3	3.206527	41.48392	.0674115	-.002971	.6449227	.0714677	.2175021

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.955913	3.237855	-.148794	.0041021	.8612977	6.283556	.0162694
Stddev	.103360	.003192	.002901	.0007029	.0089333	.048352	.0018315
%RSD	1.735426	.0985970	1.949893	17.13555	1.037193	.7695052	11.25738
#1	6.074322	3.234686	-.146305	.0042423	.8510959	6.228503	.0148448
#2	5.883753	3.237811	-.148096	.0033397	.8650767	6.303030	.0156281
#3	5.909663	3.241070	-.151980	.0047244	.8677204	6.319135	.0183353

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5061-08DLX2 Acquired: 01/03/2025 23:34:10 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHL53 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.2095070	.4629731	.0536393
Stddev	.0042845	.0016554	.0032737
%RSD	2.045033	.3575609	6.103131
#1	.2069359	.4612746	.0559241
#2	.2144530	.4645817	.0551048
#3	.2071322	.4630631	.0498889

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1940.637	19839.15	1971.710	1450.895	1822.130
Stddev	4.673	77.71	6.435	17.190	4.207
%RSD	.2407841	.3916854	.3263642	1.184778	.2308717
#1	1944.514	19789.31	1978.894	1432.614	1822.236
#2	1935.449	19799.45	1966.476	1453.340	1817.871
#3	1941.948	19928.69	1969.760	1466.732	1826.282

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: CCV107 Acquired: 01/03/2025 23:38:01 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV107 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.979886	4.845596	24.74007	4.887879	4.888198	401.3165
Stddev	.010559	.009820	.01299	.006508	.021410	1.9422
%RSD	.2120416	.2026547	.0525007	.1331550	.4380008	.4839545
#1	4.981986	4.856438	24.72780	4.893468	4.882937	400.2303
#2	4.968435	4.837299	24.73874	4.880734	4.869908	403.5588
#3	4.989238	4.843052	24.75367	4.889436	4.911748	400.1605

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.24817	.5174360	2.490970	409.7433	15.39352	2.502434
Stddev	.04000	.0019827	.001212	.8337	.01172	.001469
%RSD	.3903411	.3831725	.0486377	.2034614	.0761163	.0587107
#1	10.20830	.5155228	2.491136	408.9476	15.40298	2.501917
#2	10.24790	.5173039	2.489684	409.6721	15.38041	2.501293
#3	10.28830	.5194815	2.492090	410.6103	15.39716	2.504092

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.37344	406.6867	15.19393	405.3835	2.509388	1.249229
Stddev	.04250	1.4205	.04158	1.2193	.001117	.001313
%RSD	.2764460	.3492826	.2736636	.3007713	.0445162	.1051442
#1	15.34313	406.7097	15.15957	404.6616	2.509747	1.247729
#2	15.42202	408.0956	15.24015	406.7913	2.510281	1.249783
#3	15.35517	405.2549	15.18206	404.6977	2.508135	1.250175

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	414.5123	2.532695	14.54592	151.9291	4.927226	F 4.455943
Stddev	2.7836	.023436	.02338	.6606	.017934	.016850
%RSD	.6715431	.9253278	.1607018	.4348052	.3639859	.3781468
#1	414.8078	2.531484	14.57247	151.1742	4.938374	4.445972
#2	411.5927	2.556713	14.52843	152.4014	4.906538	4.475398
#3	417.1364	2.509889	14.53686	152.2116	4.936766	4.446459

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: CCV107 Acquired: 01/03/2025 23:38:01 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV107 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.890959	4.951091	5.053074	5.017284	5.069372	4.796131
Stddev	.016948	.022685	.007484	.005225	.007315	.015132
%RSD	.3465081	.4581914	.1481034	.1041473	.1443053	.3155099
#1	4.881245	4.929193	5.044928	5.014153	5.075502	4.785455
#2	4.881105	4.949590	5.054649	5.014383	5.071339	4.813449
#3	4.910529	4.974490	5.059645	5.023317	5.061274	4.789491

Elem	Li6707
Units	ppm
Avg	4.847716
Stddev	.025019
%RSD	.5160933
#1	4.824133
#2	4.845057
#3	4.873958

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1528.496	16700.75	1683.443	1144.477	1641.704
Stddev	3.269	42.41	4.750	3.285	1.719
%RSD	.2138618	.2539599	.2821455	.2870681	.1046867
#1	1531.152	16665.99	1684.751	1141.414	1643.506
#2	1529.489	16748.01	1687.401	1147.947	1640.084
#3	1524.845	16688.26	1678.176	1144.071	1641.521

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: CCB107 Acquired: 01/03/2025 23:41:46 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB107 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0089219	.0025006	-.002055	.0028027	.0007294	.0202229	-.002509
Stddev	.0044949	.0071664	.001221	.0033180	.0041421	.0572047	.001136
%RSD	50.38057	286.5880	59.43131	118.3851	567.8747	282.8716	45.26066
#1	.0140567	-.004734	-.002965	.0052771	-.002054	-.018966	-.001397
#2	.0056989	.009597	-.002532	.0040987	.005490	-.006233	-.003666
#3	.0070102	.002639	-.000667	-.000968	-.001248	.085867	-.002464

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000010	-.000052	-.021806	.0004651	.0000390	-.005833	.0332606
Stddev	.000099	.000091	.037811	.0008404	.0005043	.006807	.0194702
%RSD	1005.350	174.1495	173.4000	180.7082	1293.788	116.6983	58.53836
#1	.000034	-.000156	-.012450	.0013691	.0001163	-.000730	.0150879
#2	.000060	.000016	-.063416	.0003185	-.000500	-.013561	.0538101
#3	-.000123	-.000017	.010450	-.000292	.000500	-.003208	.0308838

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0055705	-.223731	-.000783	.0006418	.1566383	-.001845	.0001754
Stddev	.0004637	.083480	.000754	.0002911	.0313305	.000755	.0004622
%RSD	8.323532	37.31249	96.34978	45.36501	20.00184	40.92935	263.5784
#1	.0050353	-.273754	-.001636	.0009542	.1866990	-.002687	-.000076
#2	.0058513	-.127360	-.000507	.0005932	.1590398	-.001227	-.000107
#3	.0058248	-.270079	-.000205	.0003780	.1241761	-.001621	.000709

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0771348	.0002810	.0090871	-.000120	-.013377	-.001814	.0010322
Stddev	.1659115	.0007017	.0025144	.000511	.001620	.000852	.0014248
%RSD	215.0929	249.7090	27.66965	424.9570	12.10776	46.97662	138.0364
#1	-.090277	-.000090	.0092165	-.000085	-.012476	-.001359	.0021647
#2	.241504	.001090	.0065105	.000373	-.015247	-.002797	-.000568
#3	.080178	-.000157	.0115342	-.000648	-.012408	-.001286	.001500

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: CCB107 Acquired: 01/03/2025 23:41:46 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB107 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	-.008798	-.000280	.0001166
Stddev	.002184	.000202	.0012768
%RSD	24.82977	72.28529	1094.882
#1	-.009194	-.000083	-.001339
#2	-.006442	-.000271	.001049
#3	-.010757	-.000487	.000640

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1847.123	18893.92	1811.732	1389.833	2051.910
Stddev	11.379	120.53	19.206	8.258	8.135
%RSD	.6160461	.6379185	1.060096	.5941925	.3964806
#1	1837.322	18798.05	1794.763	1385.394	2043.646
#2	1844.444	18854.49	1807.850	1384.744	2052.172
#3	1859.602	19029.22	1832.583	1399.362	2059.911

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5061-09DLX2 Acquired: 01/03/2025 23:45:47 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHL54 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0108651	.0249229	.1192390	-.019233	.0065118	22.90250	.2746085
Stddev	.0047732	.0061871	.0006008	.004179	.0070385	.11441	.0015750
%RSD	43.93158	24.82503	.5038277	21.72692	108.0895	.4995494	.5735573
#1	.0078254	.0226905	.1195031	-.023329	.0143225	22.80512	.2738518
#2	.0163666	.0319163	.1196625	-.014976	.0006609	23.02850	.2764191
#3	.0084033	.0201618	.1185515	-.019394	.0045518	22.87388	.2735546

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0023422	.0008596	625.5375	.0390021	.0654621	.0577888	53.83738
Stddev	.0001099	.0000633	2.9485	.0005781	.0007950	.0018540	.31483
%RSD	4.690758	7.358461	.4713487	1.482260	1.214440	3.208197	.5847747
#1	.0022211	.0009254	623.6761	.0393601	.0662018	.0597361	53.53834
#2	.0024355	.0008540	628.9370	.0393111	.0655631	.0560450	54.16592
#3	.0023701	.0007993	623.9995	.0383352	.0646215	.0575853	53.80787

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.056177	179.4754	.0466037	-.002486	.8250701	.0586424	.1702817
Stddev	.018868	.3144	.0006666	.000333	.0198893	.0121168	.0014644
%RSD	.6173791	.1751859	1.430368	13.38718	2.410617	20.66224	.8600007
#1	3.036482	179.1490	.0467292	-.002298	.8250175	.0572667	.1701920
#2	3.074093	179.7762	.0471986	-.002290	.8449857	.0713884	.1717889
#3	3.057955	179.5010	.0458833	-.002870	.8052072	.0472722	.1688642

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.247577	2.417942	-.073959	.0046253	.8796739	5.170680	.0048419
Stddev	.087756	.009380	.001059	.0002900	.0048269	.047132	.0022168
%RSD	2.066022	.3879162	1.432022	6.270171	.5487195	.9115222	45.78413
#1	4.201731	2.407114	-.073799	.0045945	.8741111	5.157064	.0057399
#2	4.192239	2.423172	-.075089	.0043519	.8821539	5.223121	.0064688
#3	4.348760	2.423541	-.072989	.0049294	.8827568	5.131854	.0023170

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5061-09DLX2 Acquired: 01/03/2025 23:45:47 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHL54 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.0819504	.3782457	.0433958
Stddev	.0022855	.0019251	.0028940
%RSD	2.788919	.5089503	6.668865
#1	.0815464	.3763715	.0435074
#2	.0844111	.3802179	.0462324
#3	.0798939	.3781476	.0404476

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1851.087	19161.97	1904.211	1397.352	1743.245
Stddev	4.636	57.48	7.621	4.887	3.751
%RSD	.2504377	.2999672	.4002181	.3496977	.2151453
#1	1848.127	19183.53	1899.793	1401.714	1739.613
#2	1848.703	19096.83	1899.829	1392.072	1743.017
#3	1856.429	19205.56	1913.011	1398.270	1747.104

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5061-11DLX2 Acquired: 01/03/2025 23:49:39 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHL60 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0183349	.0225455	.1126788	-.002689	.0089875	16.49415	.1473215
Stddev	.0029011	.0043429	.0030957	.004859	.0043744	.05764	.0036784
%RSD	15.82251	19.26272	2.747397	180.7034	48.67184	.3494874	2.496825
#1	.0161558	.0226300	.1129566	-.000507	.0139678	16.55636	.1434318
#2	.0216278	.0268455	.1094535	.000696	.0072267	16.48354	.1507439
#3	.0172212	.0181610	.1156262	-.008257	.0057679	16.44254	.1477887

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0019517	.0011082	544.7117	.0321058	.0626697	.0863922	62.92982
Stddev	.0000346	.0001955	1.9966	.0006095	.0012276	.0111723	.16836
%RSD	1.772622	17.63924	.3665442	1.898323	1.958784	12.93212	.2675401
#1	.0019123	.0011591	545.8482	.0324687	.0620324	.0896877	63.12064
#2	.0019773	.0012732	545.8807	.0324465	.0618919	.0955462	62.86664
#3	.0019654	.0008923	542.4063	.0314022	.0640849	.0739428	62.80219

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.374583	128.7705	.0391647	-.003849	.7283682	.0523568	.2051510
Stddev	.012687	.4306	.0009597	.001379	.0238212	.0228981	.0002586
%RSD	.3759461	.3343814	2.450300	35.83824	3.270488	43.73474	.1260651
#1	3.385670	129.1791	.0380662	-.005182	.7554758	.0734932	.2048912
#2	3.377332	128.8113	.0395879	-.002427	.7107730	.0280313	.2051532
#3	3.360747	128.3209	.0398400	-.003939	.7188559	.0555459	.2054085

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.303630	2.710828	-.123438	.0051153	.6001339	4.050905	.0072309
Stddev	.286831	.009789	.005132	.0002100	.0023753	.029080	.0008826
%RSD	12.45125	.3611224	4.157771	4.105227	.3957882	.7178695	12.20565
#1	2.600606	2.699719	-.128028	.0053557	.5981438	4.058886	.0078729
#2	2.282128	2.718193	-.124390	.0049672	.5994944	4.075162	.0075954
#3	2.028155	2.714571	-.117897	.0050231	.6027634	4.018668	.0062245

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5061-11DLX2 Acquired: 01/03/2025 23:49:39 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHL60 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.2017838	.3800906	.0294700
Stddev	.0053009	.0027566	.0026220
%RSD	2.627037	.7252527	8.897359
#1	.2007830	.3821814	.0266850
#2	.2075139	.3811237	.0298338
#3	.1970547	.3769667	.0318911

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1875.928	19371.28	1914.275	1409.863	1782.599
Stddev	4.014	76.31	6.489	8.070	2.981
%RSD	.2140007	.3939476	.3389987	.5724135	.1672393
#1	1875.947	19380.06	1913.707	1409.966	1780.793
#2	1871.904	19442.83	1908.089	1417.881	1780.964
#3	1879.933	19290.96	1921.030	1401.741	1786.040

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5061-22DLX2 Acquired: 01/03/2025 23:53:31 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKZ6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0267184	.0159565	.1324676	.0025281	.0138684	27.97904	.3489888
Stddev	.0024826	.0028011	.0010681	.0098869	.0019768	.08640	.0028701
%RSD	9.291682	17.55452	.8063372	391.0893	14.25369	.3087847	.8224020
#1	.0291668	.0174487	.1321446	.0126110	.0154178	27.93902	.3479589
#2	.0267854	.0127252	.1315984	.0021236	.0145452	28.07819	.3522318
#3	.0242030	.0176956	.1336600	-.007150	.0116421	27.91991	.3467758

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0026268	.0022967	555.1677	.0512379	.0732156	.0602463	79.96469
Stddev	.0001727	.0001135	.5308	.0006670	.0009398	.0036085	.18772
%RSD	6.575179	4.942728	.0956181	1.301802	1.283533	5.989509	.2347566
#1	.0024290	.0024262	555.1315	.0504980	.0722919	.0618616	80.02929
#2	.0027481	.0022142	555.7158	.0514229	.0741706	.0561123	80.11159
#3	.0027032	.0022498	554.6559	.0517929	.0731842	.0627649	79.75321

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.035213	56.22188	.0704027	-.004003	.6575046	.0774974	.2417090
Stddev	.007115	.34581	.0009308	.001290	.0065209	.0111401	.0021511
%RSD	.1178932	.6150825	1.322125	32.22347	.9917588	14.37485	.8899456
#1	6.042889	55.88703	.0714428	-.003605	.6500576	.0786582	.2432620
#2	6.033912	56.57770	.0701172	-.005445	.6621912	.0658223	.2426112
#3	6.028839	56.20089	.0696480	-.002959	.6602652	.0880116	.2392537

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.648860	4.537939	-.140517	.0052075	.7859610	6.023223	.0153089
Stddev	.208005	.016796	.001928	.0007622	.0033022	.030634	.0026738
%RSD	4.474326	.3701321	1.371766	14.63596	.4201484	.5085993	17.46564
#1	4.580688	4.533606	-.139306	.0047456	.7896378	6.002827	.0133625
#2	4.882397	4.523734	-.142739	.0047897	.7849973	6.058450	.0142065
#3	4.483496	4.556478	-.139505	.0060872	.7832478	6.008392	.0183576

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5061-22DLX2 Acquired: 01/03/2025 23:53:31 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKZ6 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.4783753	.3408982	.0481144
Stddev	.0011684	.0006805	.0039408
%RSD	.2442367	.1996144	8.190404
#1	.4772125	.3416471	.0471724
#2	.4795491	.3407300	.0447299
#3	.4783642	.3403176	.0524407

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1919.314	19822.85	1973.335	1447.464	1781.907
Stddev	3.099	84.04	8.358	5.060	2.304
%RSD	.1614811	.4239608	.4235462	.3495728	.1292828
#1	1922.890	19727.02	1975.490	1442.796	1784.560
#2	1917.644	19857.51	1964.110	1446.756	1780.753
#3	1917.408	19884.01	1980.404	1452.841	1780.409

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5061-15DLX5 Acquired: 01/03/2025 23:57:21 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHL64 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0617751	.0062156	.7664461	.0330162	.0094870	20.05647	.6884878
Stddev	.0018093	.0041249	.0024077	.0069309	.0016235	.17638	.0026376
%RSD	2.928794	66.36423	.3141439	20.99239	17.11266	.8794025	.3831038
#1	.0600540	.0100935	.7636703	.0339097	.0076144	20.09763	.6861270
#2	.0636612	.0066717	.7679697	.0256819	.0103491	19.86315	.6913346
#3	.0616101	.0018816	.7676984	.0394570	.0104977	20.20862	.6880018

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0012174	.0037136	36.30478	.0451233	.0459181	.1189546	56.87941
Stddev	.0001759	.0000675	.12209	.0010943	.0002227	.0118955	.38470
%RSD	14.44848	1.816361	.3362952	2.425035	.4850004	10.00001	.6763405
#1	.0010596	.0037769	36.44532	.0440372	.0460353	.1289521	56.92601
#2	.0014071	.0037213	36.22485	.0462255	.0460578	.1057986	56.47353
#3	.0011856	.0036426	36.24417	.0451071	.0456613	.1221131	57.23869

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.89443	10.66539	.0508851	.0013310	.2212486	.0493414	1.792511
Stddev	.12524	.08524	.0010337	.0006144	.0091810	.0059426	.004987
%RSD	.7413087	.7991794	2.031500	46.16265	4.149610	12.04394	.2782101
#1	16.91574	10.57438	.0520769	.0016741	.2173579	.0548403	1.797641
#2	16.75991	10.67842	.0502327	.0016971	.2317342	.0501467	1.792211
#3	17.00765	10.74336	.0503456	.0006216	.2146536	.0430372	1.787680

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.654056	2.432830	-.121600	.0045817	.8271415	3.092539	.0617427
Stddev	.271189	.005038	.000773	.0017364	.0008099	.022652	.0015700
%RSD	10.21792	.2070709	.6357980	37.89830	.0979185	.7324719	2.542888
#1	2.424670	2.438553	-.122491	.0063574	.8279606	3.115137	.0601542
#2	2.953357	2.429069	-.121113	.0045000	.8263411	3.092645	.0617803
#3	2.584141	2.430867	-.121194	.0028876	.8271228	3.069833	.0632936

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5061-15DLX5 Acquired: 01/03/2025 23:57:21 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHL64 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.2297238	.0137002	.0196167
Stddev	.0066813	.0002113	.0034352
%RSD	2.908425	1.542376	17.51173
#1	.2332317	.0139408	.0201906
#2	.2220191	.0135447	.0159306
#3	.2339205	.0136152	.0227287

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1946.449	19891.12	1926.138	1468.361	1996.185
Stddev	1.450	139.92	15.358	8.366	2.225
%RSD	.0744975	.7034112	.7973599	.5697303	.1114821
#1	1947.433	19793.91	1908.896	1461.166	1993.925
#2	1944.784	20051.48	1938.352	1477.540	1996.255
#3	1947.131	19827.98	1931.167	1466.378	1998.374

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5079-06DLX2 Acquired: 01/04/2025 0:01:15 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLF4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0224349	.0284607	.5033218	-.019844	.0043818	16.81272
Stddev	.0014654	.0018428	.0050697	.004402	.0020547	.13370
%RSD	6.531763	6.474835	1.007258	22.18325	46.89205	.7952070
#1	.0235316	.0295686	.4974777	-.017254	.0034034	16.95981
#2	.0207707	.0263334	.5059481	-.017350	.0029992	16.77976
#3	.0230026	.0294801	.5065395	-.024926	.0067429	16.69858

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1810629	.0018373	.0042092	F 884.1140	.0629008	.0656335
Stddev	.0023144	.0002138	.0001256	3.0188	.0006094	.0004048
%RSD	1.278240	11.63560	2.985217	.3414481	.9688207	.6168011
#1	.1827982	.0019685	.0041603	887.3593	.0621972	.0656928
#2	.1784351	.0015906	.0043519	881.3895	.0632571	.0660054
#3	.1819552	.0019528	.0041153	883.5932	.0632482	.0652022

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0946571	59.27657	4.530582	351.0722	.0626968	-.002219
Stddev	.0037039	.13607	.007363	1.4998	.0016281	.000216
%RSD	3.912963	.2295528	.1625124	.4272158	2.596778	9.740592
#1	.0904113	59.43301	4.531675	352.7798	.0640512	-.002260
#2	.0972259	59.18568	4.522734	349.9679	.0608905	-.001985
#3	.0963340	59.21103	4.537337	350.4691	.0631489	-.002412

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.061456	.0198117	.6762242	5.240035	3.172351	-.072604
Stddev	.022812	.0108711	.0033932	.076892	.008077	.000797
%RSD	2.149113	54.87236	.5017793	1.467391	.2546220	1.098071
#1	1.067827	.0305552	.6783490	5.190501	3.169822	-.073044
#2	1.036135	.0088173	.6780126	5.200989	3.181390	-.073084
#3	1.080404	.0200626	.6723109	5.328615	3.165840	-.071684

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5079-06DLX2 Acquired: 01/04/2025 0:01:15 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLF4 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0050842	9.722059	4.643906	.0275503	.1835980	.3627943
Stddev	.0011982	.010202	.031362	.0021399	.0013524	.0010810
%RSD	23.56684	.1049400	.6753339	7.767381	.7365877	.2979751
#1	.0063425	9.729234	4.679936	.0252116	.1835813	.3636166
#2	.0049533	9.710379	4.622731	.0280289	.1849586	.3631966
#3	.0039569	9.726563	4.629052	.0294105	.1822541	.3615698

Elem	Li6707
Units	ppm
Avg	.0392152
Stddev	.0026772
%RSD	6.827030
#1	.0364257
#2	.0394559
#3	.0417640

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1739.830	18042.49	1812.592	1300.317	1653.265
Stddev	4.057	24.44	10.594	4.616	2.970
%RSD	.2332071	.1354461	.5844523	.3550136	.1796553
#1	1739.948	18043.99	1800.441	1296.582	1653.712
#2	1743.828	18066.14	1819.889	1298.890	1655.986
#3	1735.715	18017.33	1817.447	1305.478	1650.096

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5079-21DLX2 Acquired: 01/04/2025 0:05:04 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLH4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0747200	-.006262	2.674643	.0322797	.0159402	32.10411	14.30794
Stddev	.0128192	.003668	.005145	.0044486	.0008028	.18285	.06830
%RSD	17.15635	58.57703	.1923747	13.78151	5.036086	.5695604	.4773738
#1	.0877144	-.003482	2.675598	.0358007	.0161407	31.96458	14.27372
#2	.0743622	-.004884	2.669087	.0337583	.0150562	32.31111	14.26351
#3	.0620834	-.010419	2.679243	.0272800	.0166237	32.03664	14.38659

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0032045	.0069507	45.34232	.1221514	.0505828	.2180647	77.70563
Stddev	.0001743	.0000660	.22582	.0010146	.0002530	.0035156	.28217
%RSD	5.438791	.9493375	.4980359	.8306046	.5000935	1.612188	.3631249
#1	.0032691	.0069166	45.17397	.1227487	.0504849	.2214554	77.39308
#2	.0033372	.0070268	45.25404	.1227256	.0508701	.2144363	77.94163
#3	.0030071	.0069087	45.59894	.1209799	.0503934	.2183023	77.78216

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.084704	16.80811	.0877696	-.002749	.3428055	.0950706	1.700249
Stddev	.017032	.07357	.0002971	.001432	.0164157	.0109464	.012898
%RSD	.4169640	.4376876	.3384494	52.10074	4.788643	11.51401	.7586103
#1	4.065116	16.77526	.0875620	-.001314	.3309089	.1011262	1.707551
#2	4.096021	16.75670	.0876370	-.004178	.3359737	.1016512	1.707839
#3	4.092975	16.89238	.0881099	-.002754	.3615338	.0824344	1.685356

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.026803	5.529592	-.147893	.0061990	4.630171	5.831243	.0627099
Stddev	.106082	.009840	.001662	.0000617	.014699	.054099	.0015217
%RSD	2.110319	.1779589	1.123585	.9946843	.3174556	.9277452	2.426580
#1	5.101349	5.538633	-.147507	.0061395	4.643751	5.893638	.0615178
#2	5.073705	5.519111	-.146458	.0061949	4.632198	5.802668	.0621880
#3	4.905355	5.531031	-.149714	.0062626	4.614564	5.797424	.0644239

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5079-21DLX2 Acquired: 01/04/2025 0:05:04 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLH4 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.4432505	.3958399	.0454608
Stddev	.0026735	.0007587	.0056976
%RSD	.6031513	.1916764	12.53310
#1	.4402198	.3952097	.0516130
#2	.4452743	.3966821	.0403659
#3	.4442575	.3956278	.0444034

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2001.955	20511.02	2004.783	1504.844	1990.882
Stddev	2.171	14.58	14.537	3.813	2.831
%RSD	.1084194	.0710699	.7251335	.2533556	.1421896
#1	2003.412	20527.55	1988.238	1506.831	1991.636
#2	2002.992	20500.00	2010.601	1500.449	1993.260
#3	1999.460	20505.51	2015.510	1507.253	1987.751

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5060-04DLX2 Acquired: 01/04/2025 0:08:54 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKW4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0315769	.0192803	.1171150	.0039197	.0101904	25.21215	.3060505
Stddev	.0024151	.0057353	.0026337	.0048829	.0033108	.03632	.0018196
%RSD	7.648215	29.74704	2.248822	124.5733	32.48899	.1440760	.5945428
#1	.0303610	.0138363	.1184137	-.000223	.0119083	25.18721	.3080663
#2	.0343583	.0252682	.1188472	.002679	.0122891	25.25382	.3045294
#3	.0300114	.0187364	.1140842	.009303	.0063738	25.19541	.3055559

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0026245	.0018120	670.4024	.0424986	.0822262	.1307876	88.28116
Stddev	.0000839	.0000484	1.9990	.0017909	.0005135	.0045207	.32642
%RSD	3.195956	2.669363	.2981731	4.213976	.6244618	3.456550	.3697504
#1	.0026153	.0017710	670.2199	.0413062	.0816597	.1354048	88.04696
#2	.0025456	.0018653	672.4863	.0445580	.0823579	.1305881	88.65402
#3	.0027126	.0017995	668.5009	.0416317	.0826611	.1263699	88.14251

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.392963	165.5045	.0922065	-.004752	.8013342	.0602530	.2220748
Stddev	.011092	.5070	.0010229	.001199	.0141184	.0066042	.0007480
%RSD	.1321625	.3063160	1.109327	25.23512	1.761855	10.96071	.3368151
#1	8.382003	164.9249	.0933639	-.005754	.7850972	.0544419	.2223645
#2	8.392702	165.7228	.0918315	-.003423	.8081888	.0588822	.2212253
#3	8.404183	165.8657	.0914240	-.005078	.8107166	.0674350	.2226346

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.721113	3.133883	-.144539	.0060358	.7749973	6.167146	.0147870
Stddev	.156917	.002943	.003835	.0009723	.0027691	.017518	.0019893
%RSD	2.334685	.0939070	2.653197	16.10871	.3573077	.2840469	13.45302
#1	6.562069	3.131971	-.140131	.0060670	.7726525	6.168415	.0145279
#2	6.875812	3.132406	-.147108	.0050483	.7742869	6.149029	.0168931
#3	6.725458	3.137272	-.146378	.0069921	.7780524	6.183995	.0129399

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5060-04DLX2 Acquired: 01/04/2025 0:08:54 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKW4 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.1898453	.4326471	.0563165
Stddev	.0026396	.0012578	.0039278
%RSD	1.390374	.2907192	6.974468
#1	.1907232	.4313585	.0520777
#2	.1919340	.4338716	.0570386
#3	.1868787	.4327112	.0598331

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1850.039	19065.53	1910.269	1384.648	1713.675
Stddev	4.189	82.76	8.017	2.203	2.105
%RSD	.2264298	.4340616	.4196859	.1590999	.1228244
#1	1849.920	18985.66	1903.576	1382.147	1713.355
#2	1854.286	19060.04	1919.154	1386.300	1715.921
#3	1845.911	19150.90	1908.076	1385.498	1711.748

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5060-14DLX2 Acquired: 01/04/2025 0:12:45 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKX1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0536146	.0081820	.1402928	.0135017	.0184519	24.66936	.2065173
Stddev	.0026703	.0082251	.0076240	.0062016	.0038710	.09760	.0046530
%RSD	4.980583	100.5270	5.434373	45.93162	20.97881	.3956516	2.253084
#1	.0505336	.0030008	.1359829	.0114724	.0139850	24.58650	.2026546
#2	.0552616	.0176659	.1490957	.0204637	.0205440	24.77695	.2052143
#3	.0550485	.0038791	.1357999	.0085690	.0208266	24.64463	.2116829

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0030247	.0018152	694.3101	.0373411	.0870226	.1801739	105.8988
Stddev	.0002076	.0001652	1.3119	.0003656	.0001699	.0146785	.0811
%RSD	6.864872	9.101686	.1889531	.9791842	.1951865	8.146838	.0765407
#1	.0031966	.0019579	694.1976	.0377630	.0868267	.1636404	105.8277
#2	.0027940	.0018536	693.0580	.0371458	.0871123	.1916720	105.9870
#3	.0030834	.0016342	695.6746	.0371147	.0871287	.1852091	105.8815

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.148480	92.58019	.0747826	-.006571	1.019501	.0812804	.2570938
Stddev	.003805	.25288	.0002285	.001572	.005054	.0167073	.0012373
%RSD	.0738990	.2731471	.3054792	23.92201	.4957770	20.55516	.4812711
#1	5.145071	92.74714	.0750137	-.008236	1.014872	.0852494	.2571907
#2	5.152584	92.70419	.0745569	-.006365	1.024894	.0629460	.2558110
#3	5.147786	92.28925	.0747773	-.005113	1.018738	.0956458	.2582799

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.612611	3.358428	-.197049	.0063419	.6936797	5.784914	.0175699
Stddev	.214037	.004798	.001043	.0004620	.0065396	.031665	.0032313
%RSD	3.813504	.1428560	.5293330	7.285439	.9427465	.5473769	18.39122
#1	5.578446	3.358748	-.198212	.0061221	.6980192	5.821477	.0168826
#2	5.417711	3.363057	-.196197	.0060308	.6861580	5.766620	.0210895
#3	5.841675	3.353478	-.196739	.0068728	.6968618	5.766644	.0147375

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5060-14DLX2 Acquired: 01/04/2025 0:12:45 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKX1 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	1.137788	.6449028	.0523650
Stddev	.004915	.0002003	.0031819
%RSD	.4319919	.0310653	6.076376
#1	1.143289	.6450973	.0487522
#2	1.133829	.6449142	.0547503
#3	1.136244	.6446971	.0535926

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1877.390	19358.04	1925.819	1407.437	1743.242
Stddev	5.501	44.49	9.287	3.023	5.551
%RSD	.2930092	.2298284	.4822184	.2148160	.3184502
#1	1882.672	19389.89	1915.855	1405.676	1747.526
#2	1877.803	19307.21	1927.368	1410.928	1745.229
#3	1871.694	19377.02	1934.233	1405.707	1736.970

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5060-18DLX2 Acquired: 01/04/2025 0:16:34 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKX6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0202317	.0194346	.1226787	-.012333	.0087784	24.41952
Stddev	.0060680	.0048462	.0029357	.002512	.0012099	.09689
%RSD	29.99255	24.93601	2.392955	20.36410	13.78219	.3967906
#1	.0259384	.0153499	.1246473	-.013346	.0075090	24.50443
#2	.0138576	.0181646	.1193046	-.014180	.0089080	24.44018
#3	.0208991	.0247894	.1240843	-.009473	.0099183	24.31397

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2156398	.0020210	.0010398	515.9825	.0419562	.0633743
Stddev	.0019945	.0000734	.0001844	2.5357	.0003970	.0006157
%RSD	.9249013	3.630782	17.73290	.4914317	.9462207	.9715897
#1	.2168163	.0020782	.0008277	517.0294	.0418926	.0638644
#2	.2133370	.0019382	.0011621	517.8271	.0415948	.0626832
#3	.2167661	.0020465	.0011297	513.0910	.0423811	.0635755

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0278560	63.25616	2.427359	173.7240	.0454736	-.003631
Stddev	.0117409	.09597	.012011	.5959	.0018577	.000410
%RSD	42.14859	.1517155	.4948200	.3430175	4.085210	11.29434
#1	.0412651	63.31102	2.427885	173.8588	.0476093	-.003345
#2	.0194204	63.31212	2.439098	174.2410	.0442317	-.004100
#3	.0228826	63.14535	2.415094	173.0723	.0445800	-.003447

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9484520	.0676480	.2496010	3.484956	F 11.56338	-.116994
Stddev	.0131651	.0145331	.0006612	.130424	.01427	.006328
%RSD	1.388061	21.48333	.2649012	3.742476	.1234269	5.408525
#1	.9568014	.0777094	.2497718	3.492295	11.57986	-.122850
#2	.9332757	.0509861	.2488712	3.351018	11.55467	-.117850
#3	.9552789	.0742486	.2501601	3.611555	11.55563	-.110282

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5060-18DLX2 Acquired: 01/04/2025 0:16:34 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKX6 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0060333	.8056127	6.208482	.0135320	.3434231	.2890234
Stddev	.0004295	.0010746	.073573	.0008833	.0080316	.0006928
%RSD	7.117919	.1333922	1.185034	6.527096	2.338683	.2396922
#1	.0056750	.8046591	6.278825	.0145233	.3348512	.2888844
#2	.0065093	.8067771	6.214565	.0132442	.3507747	.2897752
#3	.0059155	.8054018	6.132058	.0128286	.3446434	.2884107

Elem	Li6707
Units	ppm
Avg	.0486001
Stddev	.0032783
%RSD	6.745495
#1	.0471958
#2	.0523467
#3	.0462579

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1916.777	19754.60	1956.023	1432.138	1731.749
Stddev	3.815	15.33	19.560	7.263	4.584
%RSD	.1990433	.0776029	.9999998	.5071452	.2646802
#1	1919.494	19741.90	1938.146	1426.805	1735.713
#2	1918.421	19771.63	1953.006	1440.410	1732.803
#3	1912.415	19750.27	1976.916	1429.198	1726.730

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5060-19DLX2 Acquired: 01/04/2025 0:20:24 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKX7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0150363	.0223756	.0820439	-.001005	.0095662	21.32009	.1924811
Stddev	.0035317	.0015149	.0011616	.005547	.0022055	.05497	.0022946
%RSD	23.48791	6.770406	1.415829	552.0749	23.05534	.2578515	1.192109
#1	.0153324	.0218708	.0824706	-.001553	.0104449	21.25912	.1899043
#2	.0113658	.0240784	.0807294	-.006257	.0111969	21.33526	.1932359
#3	.0184106	.0211775	.0829319	.004796	.0070568	21.36588	.1943033

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0020676	.0009685	502.4069	.0378595	.0642391	.0312105	65.97617
Stddev	.0001317	.0000789	1.6008	.0006406	.0001904	.0055328	.10436
%RSD	6.371890	8.142735	.3186166	1.692148	.2964325	17.72735	.1581753
#1	.0020416	.0009952	502.3064	.0373892	.0641012	.0339754	66.07156
#2	.0019508	.0010306	500.8588	.0385891	.0641596	.0248403	65.86470
#3	.0022104	.0008798	504.0556	.0376001	.0644564	.0348159	65.99224

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.964061	85.26836	.0523178	-.003787	.5750670	.0687477	.2152813
Stddev	.024270	.15316	.0004695	.001137	.0282809	.0107440	.0012392
%RSD	.4889102	.1796179	.8973443	30.02295	4.917854	15.62816	.5756142
#1	4.961050	85.44377	.0518038	-.004436	.5887592	.0795190	.2145918
#2	4.941437	85.16117	.0527240	-.004452	.5425459	.0580312	.2145402
#3	4.989696	85.20013	.0524254	-.002474	.5938959	.0686929	.2167119

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.476626	3.411577	-.121460	.0054656	.4537824	5.925287	.0103834
Stddev	.132237	.007737	.002216	.0008884	.0032801	.046803	.0015175
%RSD	2.953937	.2267974	1.824658	16.25450	.7228363	.7898791	14.61444
#1	4.440973	3.408229	-.121801	.0064518	.4575580	5.950580	.0097230
#2	4.365871	3.406077	-.119093	.0052172	.4516340	5.871280	.0121192
#3	4.623034	3.420425	-.123486	.0047278	.4521552	5.954000	.0093080

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5060-19DLX2 Acquired: 01/04/2025 0:20:24 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKX7 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.2601878	.2740832	.0396565
Stddev	.0041860	.0010368	.0015370
%RSD	1.608830	.3782750	3.875787
#1	.2627502	.2739292	.0381360
#2	.2624559	.2731320	.0396242
#3	.2553572	.2751884	.0412095

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1883.512	19357.94	1918.032	1412.018	1780.919
Stddev	1.996	72.38	8.606	3.339	2.499
%RSD	.1059539	.3739200	.4486690	.2364684	.1403136
#1	1882.722	19384.57	1914.265	1414.984	1783.135
#2	1882.032	19276.02	1927.879	1408.401	1781.412
#3	1885.782	19413.24	1911.952	1412.667	1778.211

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5060-21DLX2 Acquired: 01/04/2025 0:24:15 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHL58 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0362110	.0156679	.0911526	.0041703	.0148095	21.68862	.2029160
Stddev	.0043800	.0008812	.0015067	.0008858	.0027164	.03709	.0041815
%RSD	12.09566	5.623954	1.652929	21.24016	18.34221	.1710112	2.060703
#1	.0396876	.0163298	.0903027	.0043374	.0120581	21.70470	.1986250
#2	.0376536	.0160063	.0902629	.0032128	.0148810	21.64620	.2031445
#3	.0312917	.0146677	.0928922	.0049605	.0174895	21.71495	.2069786

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0024750	.0014530	526.1753	.0358394	.0661792	.1059399	86.09136
Stddev	.0001917	.0000657	1.1544	.0004990	.0006909	.0100663	.14804
%RSD	7.743868	4.523303	.2193910	1.392383	1.043955	9.501902	.1719543
#1	.0022539	.0015194	524.9911	.0362591	.0668534	.1035340	85.93146
#2	.0025773	.0013880	526.2376	.0352877	.0654728	.1169911	86.11896
#3	.0025938	.0014517	527.2973	.0359715	.0662115	.0972945	86.22365

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.210534	101.2943	.0546486	-.006565	.8315056	.0706515	.2719319
Stddev	.026805	.2511	.0005787	.001318	.0287997	.0182199	.0005302
%RSD	.6366193	.2479292	1.058880	20.07802	3.463557	25.78839	.1949818
#1	4.189062	101.1212	.0542939	-.006450	.7982731	.0914843	.2713996
#2	4.201963	101.1792	.0543355	-.005309	.8470645	.0627766	.2719362
#3	4.240576	101.5823	.0553163	-.007938	.8491793	.0576936	.2724600

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.996646	3.770003	-.170487	.0080117	.5729008	5.905078	.0133093
Stddev	.208954	.004006	.002407	.0007661	.0065101	.013273	.0026027
%RSD	10.46526	.1062557	1.412109	9.562503	1.136342	.2247751	19.55513
#1	2.045633	3.766763	-.168138	.0076134	.5686809	5.917082	.0147797
#2	2.176754	3.768765	-.172949	.0075267	.5803983	5.890823	.0148440
#3	1.767550	3.774482	-.170375	.0088949	.5696233	5.907328	.0103043

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5060-21DLX2 Acquired: 01/04/2025 0:24:15 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHL58 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.4109511	.3893011	.0426869
Stddev	.0046992	.0003983	.0008339
%RSD	1.143499	.1023114	1.953437
#1	.4075451	.3894553	.0417352
#2	.4089959	.3888488	.0432891
#3	.4163122	.3895993	.0430364

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1876.279	19327.38	1910.480	1407.450	1765.103
Stddev	7.680	91.74	3.212	5.751	7.070
%RSD	.4092997	.4746773	.1681299	.4086275	.4005641
#1	1878.533	19429.31	1913.924	1413.819	1767.486
#2	1882.579	19251.42	1909.950	1402.636	1770.673
#3	1867.724	19301.40	1907.565	1405.895	1757.148

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5062-01DLX2 Acquired: 01/04/2025 0:28:06 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKZ7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0115211	.0202438	.0781946	.0037555	.0127648	29.61887
Stddev	.0030050	.0030620	.0032775	.0013755	.0040434	.11647
%RSD	26.08241	15.12557	4.191421	36.62640	31.67667	.3932357
#1	.0139497	.0190865	.0744702	.0026429	.0089515	29.73649
#2	.0124530	.0179291	.0806385	.0052935	.0123382	29.50358
#3	.0081605	.0237157	.0794752	.0033303	.0170046	29.61653

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6053001	.0032330	.0036778	F 848.9345	.0648141	.0836553
Stddev	.0019271	.0001272	.0000247	1.2304	.0008482	.0010765
%RSD	.3183741	3.933145	.6730419	.1449326	1.308626	1.286783
#1	.6044845	.0030865	.0036988	850.1158	.0651264	.0825367
#2	.6075009	.0032977	.0036842	847.6603	.0654620	.0846840
#3	.6039148	.0033148	.0036505	849.0274	.0638541	.0837453

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0424567	89.01996	8.063135	24.96214	.0972969	-.006642
Stddev	.0051874	.08067	.014962	.16201	.0009285	.001064
%RSD	12.21807	.0906242	.1855600	.6490285	.9542523	16.01835
#1	.0476934	88.93302	8.078232	25.13369	.0962832	-.006664
#2	.0373201	89.03446	8.048312	24.81174	.0981060	-.005567
#3	.0423566	89.09240	8.062860	24.94098	.0975015	-.007694

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6026942	.0711538	.1649938	6.434201	2.660274	-.136486
Stddev	.0181578	.0054208	.0007652	.292189	.004427	.002098
%RSD	3.012775	7.618420	.4638060	4.541184	.1664120	1.536869
#1	.5969766	.0756216	.1658553	6.754324	2.662477	-.137642
#2	.6230226	.0651233	.1643931	6.181862	2.655177	-.134065
#3	.5880834	.0727165	.1647329	6.366416	2.663167	-.137752

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5062-01DLX2 Acquired: 01/04/2025 0:28:06 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKZ7 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0030862	.6613851	6.005634	.0147857	.5759371	.3732180
Stddev	.0002137	.0021765	.022224	.0015521	.0046150	.0007351
%RSD	6.923871	.3290783	.3700572	10.49725	.8013092	.1969480
#1	.0030768	.6600012	5.986928	.0144416	.5722659	.3737314
#2	.0033043	.6602603	6.030201	.0164810	.5744275	.3723760
#3	.0028773	.6638938	5.999772	.0134346	.5811179	.3735466

Elem	Li6707
Units	ppm
Avg	.0593359
Stddev	.0017268
%RSD	2.910243
#1	.0576729
#2	.0592147
#3	.0611202

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1901.175	19539.77	1954.721	1421.352	1767.148
Stddev	1.977	47.00	7.551	7.542	2.146
%RSD	.1040139	.2405526	.3862745	.5305870	.1214453
#1	1903.270	19578.57	1963.420	1417.533	1769.612
#2	1899.340	19553.24	1950.886	1430.039	1765.690
#3	1900.917	19487.50	1949.859	1416.484	1766.141

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5062-02DLX2 Acquired: 01/04/2025 0:31:58 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKZ8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0150078	.0232568	.0732379	.0031667	.0144622	27.36624
Stddev	.0028402	.0049381	.0015046	.0036826	.0049340	.03918
%RSD	18.92464	21.23280	2.054415	116.2913	34.11679	.1431789
#1	.0156344	.0178294	.0749226	.0065794	.0183115	27.33973
#2	.0174823	.0244566	.0727633	.0036571	.0161752	27.34775
#3	.0119066	.0274844	.0720279	-.000737	.0089000	27.41125

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5784289	.0026543	.0032068	F 841.4856	.0578661	.0829863
Stddev	.0021942	.0001811	.0001209	2.0163	.0001963	.0013332
%RSD	.3793309	6.823967	3.768920	.2396155	.3392198	1.606571
#1	.5765582	.0025154	.0031786	839.4035	.0578250	.0841116
#2	.5778845	.0028592	.0031025	843.4289	.0576937	.0815138
#3	.5808440	.0025883	.0033393	841.6243	.0580797	.0833335

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0573692	80.14199	8.079108	30.77403	.0869123	-.004879
Stddev	.0108839	.12130	.016984	.25149	.0007216	.000583
%RSD	18.97172	.1513504	.2102198	.8172308	.8302979	11.94543
#1	.0697021	80.04612	8.098618	31.03490	.0877429	-.004740
#2	.0532966	80.10150	8.067631	30.53310	.0865550	-.005519
#3	.0491089	80.27835	8.071074	30.75408	.0864391	-.004379

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6434979	.0534108	.1477721	6.336511	2.540575	-.120107
Stddev	.0214923	.0138060	.0008740	.219844	.005039	.004106
%RSD	3.339917	25.84874	.5914638	3.469483	.1983496	3.418881
#1	.6579312	.0455081	.1487814	6.565610	2.536313	-.123711
#2	.6537649	.0453719	.1472705	6.127268	2.539275	-.115637
#3	.6187976	.0693525	.1472646	6.316655	2.546137	-.120973

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5062-02DLX2 Acquired: 01/04/2025 0:31:58 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKZ8 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0034037	.7160388	6.153545	.0157411	.6095152	.4249256
Stddev	.0003899	.0074249	.041557	.0022519	.0079303	.0008037
%RSD	11.45489	1.036942	.6753402	14.30580	1.301079	.1891335
#1	.0036866	.7079016	6.189239	.0148113	.6031798	.4241223
#2	.0029590	.7224458	6.107923	.0183091	.6184089	.4257297
#3	.0035656	.7177690	6.163472	.0141031	.6069571	.4249248

Elem	Li6707
Units	ppm
Avg	.0580277
Stddev	.0061314
%RSD	10.56635
#1	.0586181
#2	.0638425
#3	.0516224

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1865.015	19163.15	1922.006	1398.198	1748.117
Stddev	2.841	23.69	13.100	3.692	3.307
%RSD	.1523577	.1236373	.6815706	.2640877	.1891573
#1	1864.281	19190.42	1910.721	1400.865	1749.412
#2	1868.151	19147.67	1936.372	1393.983	1750.581
#3	1862.612	19151.35	1918.925	1399.745	1744.359

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5062-03DLX2 Acquired: 01/04/2025 0:35:51 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKZ9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0335619	.0233173	.1339086	-.008182	.0106165	25.32289	.3479277
Stddev	.0063460	.0040287	.0024697	.000608	.0024119	.06695	.0008167
%RSD	18.90825	17.27755	1.844347	7.433394	22.71801	.2643806	.2347293
#1	.0266744	.0227964	.1315048	-.008054	.0101249	25.34533	.3487367
#2	.0391720	.0275811	.1364394	-.007648	.0084883	25.24761	.3479427
#3	.0348392	.0195745	.1337818	-.008844	.0132363	25.37574	.3471036

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0024391	.0019557	749.1938	.0550803	.0785751	.1447745	72.20353
Stddev	.0000990	.0000335	1.6837	.0008513	.0005912	.0107200	.28195
%RSD	4.056942	1.712891	.2247324	1.545549	.7524184	7.404585	.3904907
#1	.0024471	.0019887	750.8954	.0542189	.0791760	.1571224	72.32536
#2	.0025339	.0019566	749.1574	.0551010	.0779940	.1393516	71.88115
#3	.0023364	.0019217	747.5286	.0559211	.0785552	.1378494	72.40407

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.147247	94.78909	.0715179	-.003613	.9024482	.0672170	.2426535
Stddev	.012250	.60491	.0012195	.002242	.0277382	.0143192	.0026106
%RSD	.2379942	.6381600	1.705193	62.06965	3.073665	21.30296	1.075870
#1	5.161258	95.36417	.0727178	-.005640	.9147865	.0639687	.2397832
#2	5.141926	94.15822	.0715562	-.003993	.8706815	.0828812	.2432908
#3	5.138557	94.84487	.0702796	-.001204	.9218766	.0548009	.2448865

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.735256	2.158965	-.101154	.0044014	1.026972	5.397348	.0121160
Stddev	.070553	.003021	.002386	.0008170	.010048	.038538	.0040139
%RSD	1.230156	.1399394	2.358421	18.56347	.9784406	.7140196	33.12841
#1	5.776309	2.156154	-.101450	.0044730	1.034896	5.419945	.0074813
#2	5.653790	2.162160	-.098635	.0035508	1.030350	5.352850	.0144552
#3	5.775669	2.158580	-.103379	.0051802	1.015670	5.419250	.0144116

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5062-03DLX2 Acquired: 01/04/2025 0:35:51 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKZ9 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.3698514	.5799375	.0470204
Stddev	.0045828	.0012880	.0039157
%RSD	1.239093	.2220991	8.327668
#1	.3750567	.5810623	.0498415
#2	.3680734	.5785324	.0486699
#3	.3664240	.5802179	.0425498

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1834.108	18890.67	1881.466	1372.602	1737.077
Stddev	.649	148.06	10.845	5.600	2.951
%RSD	.0353585	.7837496	.5764221	.4079953	.1699032
#1	1834.392	18811.85	1869.899	1377.523	1736.737
#2	1833.366	18798.70	1891.405	1366.508	1734.310
#3	1834.565	19061.46	1883.094	1373.775	1740.184

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5062-10DLX2 Acquired: 01/04/2025 0:39:41 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHL24 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0699108	.0124205	.7308237	.0213477	.0197720	38.22414	.6512891
Stddev	.0049864	.0007512	.0049397	.0026600	.0011895	.10947	.0034007
%RSD	7.132465	6.048001	.6759042	12.46022	6.016204	.2863835	.5221522
#1	.0701364	.0129433	.7293452	.0183189	.0188702	38.12356	.6483696
#2	.0648155	.0115597	.7267921	.0233037	.0211201	38.20813	.6504745
#3	.0747806	.0127585	.7363338	.0224207	.0193256	38.34073	.6550231

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0036705	.0036586	293.5731	.0695489	.0783179	.1523360	94.51463
Stddev	.0000414	.0001301	.3067	.0005340	.0004111	.0108581	.34927
%RSD	1.126695	3.555823	.1044629	.7678292	.5248789	7.127744	.3695382
#1	.0036988	.0037741	293.4987	.0690301	.0779565	.1595117	94.21854
#2	.0036230	.0036840	293.3105	.0695198	.0782322	.1576520	94.42553
#3	.0036896	.0035177	293.9101	.0700969	.0787651	.1398441	94.89982

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.699079	39.67945	.0893489	-.004159	.5486505	.0998941	.6529911
Stddev	.015553	.07513	.0002023	.000612	.0251113	.0120846	.0016197
%RSD	.2321600	.1893308	.2263906	14.70807	4.576927	12.09737	.2480396
#1	6.681771	39.73242	.0892326	-.004600	.5764086	.0909466	.6545087
#2	6.703583	39.59347	.0895825	-.003460	.5275124	.1136411	.6531790
#3	6.711882	39.71244	.0892316	-.004416	.5420306	.0950946	.6512857

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.319193	4.484841	-.172604	.0095942	1.218067	6.686792	.0585023
Stddev	.014572	.011744	.002503	.0006849	.003630	.011751	.0017103
%RSD	.2739542	.2618542	1.449955	7.138368	.2979731	.1757368	2.923521
#1	5.335954	4.478013	-.173953	.0097106	1.214229	6.697973	.0575837
#2	5.309530	4.478108	-.169716	.0102133	1.218529	6.674543	.0604756
#3	5.312094	4.498401	-.174143	.0088585	1.221443	6.687858	.0574476

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5062-10DLX2 Acquired: 01/04/2025 0:39:41 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHL24 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.4545617	.2321880	.0614342
Stddev	.0025810	.0004316	.0022133
%RSD	.5677921	.1858908	3.602779
#1	.4575417	.2319472	.0605521
#2	.4530410	.2326863	.0597978
#3	.4531023	.2319305	.0639525

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1936.755	19866.35	1964.299	1449.704	1854.726
Stddev	1.738	52.07	1.301	.379	1.589
%RSD	.0897315	.2621051	.0662361	.0261737	.0856705
#1	1935.859	19899.89	1964.394	1449.281	1853.413
#2	1935.649	19806.37	1965.550	1449.815	1856.493
#3	1938.758	19892.81	1962.953	1450.015	1854.273

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5062-13DLX2 Acquired: 01/04/2025 0:43:31 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHL27 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0362699	.0123424	.1843795	.0072983	.0144962	33.91459	.6832022
Stddev	.0025833	.0045978	.0046000	.0017970	.0023799	.20362	.0055206
%RSD	7.122382	37.25174	2.494872	24.62252	16.41731	.6003979	.8080474
#1	.0390628	.0155530	.1891961	.0090300	.0164641	34.13597	.6827026
#2	.0339662	.0143990	.1839103	.0054424	.0151733	33.87248	.6889557
#3	.0357808	.0070754	.1800320	.0074224	.0118511	33.73531	.6779484

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0032458	.0024951	525.8706	.0566394	.0817831	.1195708	90.96384
Stddev	.0001140	.0001460	1.2794	.0012770	.0002822	.0101935	.22194
%RSD	3.513070	5.849957	.2432847	2.254684	.3450678	8.525116	.2439920
#1	.0033675	.0023268	525.7196	.0577431	.0814666	.1211505	90.81597
#2	.0031414	.0025871	527.2188	.0552407	.0820085	.1288822	91.21905
#3	.0032284	.0025715	524.6735	.0569345	.0818743	.1086796	90.85650

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.266513	43.58702	.0926284	-.005922	.6476370	.0605708	.2831502
Stddev	.001533	.21426	.0005896	.001314	.0269960	.0060800	.0008185
%RSD	.0244602	.4915732	.6365090	22.18725	4.168379	10.03790	.2890845
#1	6.266502	43.65084	.0919507	-.004923	.6499995	.0603427	.2825548
#2	6.268052	43.76213	.0929111	-.005432	.6195375	.0546080	.2828123
#3	6.264986	43.34810	.0930234	-.007410	.6733741	.0667617	.2840837

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.038248	3.280037	-.148976	.0066998	.8578091	6.474423	.0146353
Stddev	.126137	.002502	.001522	.0005443	.0049709	.063347	.0013417
%RSD	2.088972	.0762897	1.021723	8.124271	.5794907	.9784134	9.167327
#1	5.895193	3.281645	-.150720	.0061794	.8629741	6.545640	.0153729
#2	6.133483	3.277154	-.147914	.0072652	.8530581	6.424361	.0130867
#3	6.086069	3.281313	-.148295	.0066547	.8573952	6.453268	.0154463

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5062-13DLX2 Acquired: 01/04/2025 0:43:31 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHL27 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.3991456	.3367446	.0612565
Stddev	.0017115	.0011401	.0042716
%RSD	.4288016	.3385553	6.973329
#1	.3971743	.3369609	.0563262
#2	.4000099	.3377611	.0635955
#3	.4002527	.3355119	.0638478

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1901.411	19454.77	1931.294	1421.315	1793.392
Stddev	1.558	10.66	17.666	2.174	3.882
%RSD	.0819326	.0547925	.9147089	.1529271	.2164516
#1	1900.537	19464.42	1912.108	1423.738	1791.011
#2	1903.210	19456.55	1946.888	1420.670	1797.871
#3	1900.487	19443.33	1934.884	1419.538	1791.292

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5062-14DLX2 Acquired: 01/04/2025 0:47:22 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHL68 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0327199	.0207348	.1954322	.0000641	.0134157	29.41834	.3574786
Stddev	.0054790	.0028498	.0037801	.0069164	.0017549	.09429	.0009067
%RSD	16.74503	13.74403	1.934245	10789.10	13.08058	.3205087	.2536316
#1	.0274538	.0175410	.1981594	.0058118	.0119487	29.44109	.3566149
#2	.0323165	.0216453	.1911171	.0019923	.0129387	29.49917	.3584229
#3	.0383895	.0230181	.1970202	-.007612	.0153598	29.31476	.3573979

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0027427	.0018583	508.3431	.0500379	.0711251	.0814999	75.66543
Stddev	.0000660	.0001564	.1822	.0009773	.0007088	.0046674	.10343
%RSD	2.406463	8.416300	.0358515	1.953181	.9965020	5.726882	.1366991
#1	.0027146	.0016779	508.3770	.0494736	.0711690	.0777346	75.72218
#2	.0028182	.0019418	508.1463	.0511664	.0703954	.0867219	75.72807
#3	.0026955	.0019554	508.5060	.0494737	.0718109	.0800431	75.54604

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.652525	48.05198	.0664420	-.005184	.6011738	.0699378	.2593428
Stddev	.006932	.11205	.0004769	.001450	.0063394	.0088964	.0008407
%RSD	.1489844	.2331762	.7177190	27.96241	1.054511	12.72040	.3241551
#1	4.660132	47.93354	.0665972	-.003613	.6083891	.0610717	.2583878
#2	4.650874	48.06612	.0659069	-.006470	.5986352	.0788642	.2596696
#3	4.646567	48.15629	.0668220	-.005470	.5964970	.0698775	.2599711

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.906803	2.856579	-.131854	.0064629	.8760171	6.417503	.0174845
Stddev	.217510	.005683	.004127	.0003471	.0061210	.019271	.0009278
%RSD	4.432827	.1989465	3.129662	5.370880	.6987307	.3002937	5.306254
#1	4.787312	2.859071	-.135490	.0067523	.8794145	6.412570	.0170850
#2	4.775231	2.850075	-.127369	.0060781	.8689509	6.438762	.0168234
#3	5.157865	2.860590	-.132705	.0065585	.8796860	6.401179	.0185451

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5062-14DLX2 Acquired: 01/04/2025 0:47:22 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHL68 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.4307039	.4612171	.0514159
Stddev	.0042553	.0010696	.0025457
%RSD	.9879996	.2318982	4.951183
#1	.4268531	.4601087	.0542420
#2	.4352725	.4622430	.0507033
#3	.4299861	.4612997	.0493025

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1859.201	19183.55	1888.410	1397.675	1785.570
Stddev	4.376	106.17	1.174	5.277	4.425
%RSD	.2353966	.5534422	.0621854	.3775568	.2478451
#1	1856.366	19163.32	1887.258	1394.035	1783.395
#2	1864.241	19298.39	1889.605	1403.727	1790.662
#3	1856.996	19088.96	1888.367	1395.264	1782.653

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5062-20DLX2 Acquired: 01/04/2025 0:51:13 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLD2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0913953	-.012263	.2068175	.0793993	.0283526	46.69344	1.516623
Stddev	.0027077	.006487	.0017686	.0057710	.0023731	.26197	.005337
%RSD	2.962648	52.89648	.8551409	7.268259	8.369839	.5610367	.3518942
#1	.0944705	-.009905	.2048949	.0733264	.0259280	46.45881	1.510858
#2	.0893687	-.019599	.2083751	.0848113	.0306706	46.97609	1.521391
#3	.0903468	-.007285	.2071826	.0800602	.0284590	46.64541	1.517621

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0032287	.0068618	25.79383	.1048564	.0838560	.1755110	141.2897
Stddev	.0001204	.0000994	.06075	.0003206	.0006785	.0052226	.5914
%RSD	3.728926	1.449193	.2355227	.3057466	.8091086	2.975652	.4185623
#1	.0033670	.0067645	25.72688	.1050788	.0839282	.1780412	141.0280
#2	.0031471	.0069632	25.84544	.1050015	.0831443	.1695053	141.9667
#3	.0031720	.0068576	25.80917	.1044889	.0844955	.1789867	140.8742

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.37726	22.69617	.2277473	-.007598	.4785252	.1299033	.3878357
Stddev	.13661	.10535	.0009733	.000526	.0283354	.0128831	.0049469
%RSD	.5383012	.4641778	.4273769	6.917929	5.921411	9.917490	1.275519
#1	25.30346	22.80089	.2288481	-.007890	.4951155	.1210813	.3932862
#2	25.53489	22.69742	.2270005	-.007912	.4458073	.1446876	.3865909
#3	25.29342	22.59021	.2273932	-.006991	.4946528	.1239410	.3836301

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.453997	3.974001	-.286149	.0055780	.4774933	6.540802	.1013766
Stddev	.290799	.010094	.004130	.0010716	.0022143	.048829	.0026147
%RSD	3.901246	.2540056	1.443250	19.21167	.4637252	.7465295	2.579144
#1	7.147225	3.974491	-.289885	.0044182	.4756471	6.561423	.0983574
#2	7.489137	3.963671	-.286847	.0057844	.4768846	6.575938	.1028795
#3	7.725629	3.983841	-.281715	.0065315	.4799483	6.485046	.1028928

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5062-20DLX2 Acquired: 01/04/2025 0:51:13 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLD2 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.9411420	-.048407	.0677356
Stddev	.0113894	.000427	.0021336
%RSD	1.210168	.8824433	3.149867
#1	.9281734	-.048279	.0698036
#2	.9495184	-.048883	.0655420
#3	.9457341	-.048058	.0678612

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2111.836	21558.24	2084.683	1588.679	1962.138
Stddev	6.850	65.72	6.150	6.507	3.695
%RSD	.3243785	.3048638	.2950271	.4095652	.1883337
#1	2116.228	21623.08	2086.431	1590.152	1965.454
#2	2115.338	21559.96	2077.848	1594.323	1962.805
#3	2103.943	21491.67	2089.771	1581.562	1958.154

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5062-11DLX2 Acquired: 01/04/2025 0:55:01 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHL25 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0352921	.0146263	.2527614	-.001731	.0141638	28.63753	.4289266
Stddev	.0029582	.0009901	.0052557	.002452	.0038254	.19221	.0020677
%RSD	8.381999	6.769356	2.079308	141.6946	27.00837	.6711794	.4820654
#1	.0318887	.0138940	.2482875	-.003369	.0180340	28.50563	.4304937
#2	.0372455	.0142321	.2585495	-.002913	.0140727	28.54890	.4265831
#3	.0367422	.0157528	.2514473	.001089	.0103848	28.85807	.4297030

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0024608	.0019150	441.1786	.0498327	.0727193	.0901898	75.00632
Stddev	.0000445	.0001458	1.9488	.0006673	.0004139	.0062689	.21706
%RSD	1.809886	7.614465	.4417286	1.339155	.5691648	6.950842	.2893878
#1	.0024126	.0018346	439.8190	.0495409	.0729630	.0974275	75.01521
#2	.0024695	.0020833	440.3055	.0505962	.0722414	.0864638	74.78495
#3	.0025004	.0018271	443.4113	.0493609	.0729535	.0866782	75.21880

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.505566	63.92321	.0679930	-.005045	.5548373	.0563649	.2730597
Stddev	.020082	.34298	.0008182	.001442	.0051372	.0096811	.0021607
%RSD	.3647555	.5365507	1.203387	28.58911	.9258917	17.17569	.7912861
#1	5.488469	63.63203	.0680982	-.003736	.5589591	.0452123	.2743946
#2	5.500549	63.83632	.0687535	-.004806	.5564708	.0612802	.2742178
#3	5.527681	64.30128	.0671273	-.006591	.5490820	.0626023	.2705669

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.695113	2.805272	-.126301	.0078716	.8041329	6.540496	.0183354
Stddev	.164141	.007930	.000454	.0009645	.0011579	.056040	.0022848
%RSD	3.495999	.2826854	.3597535	12.25337	.1439959	.8568190	12.46137
#1	4.510067	2.808869	-.125849	.0067681	.8027971	6.525402	.0172427
#2	4.823144	2.810766	-.126758	.0082922	.8048517	6.493549	.0168021
#3	4.752127	2.796181	-.126297	.0085543	.8047498	6.602538	.0209614

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5062-11DLX2 Acquired: 01/04/2025 0:55:01 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHL25 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.3838081	.2862307	.0458966
Stddev	.0031457	.0013154	.0016776
%RSD	.8196092	.4595570	3.655260
#1	.3808978	.2852167	.0451634
#2	.3833811	.2857583	.0478160
#3	.3871456	.2877171	.0447104

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1879.419	19205.14	1902.142	1399.298	1805.575
Stddev	5.919	94.48	16.612	5.667	4.503
%RSD	.3149115	.4919632	.8733228	.4049712	.2493835
#1	1885.399	19290.59	1910.414	1402.249	1810.406
#2	1873.564	19103.67	1912.993	1392.765	1801.495
#3	1879.296	19221.17	1883.018	1402.880	1804.824

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5081-02DLX2 Acquired: 01/04/2025 0:58:52 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLG1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0297707	.0262555	.4679859	-.015749	.0027892	16.23870	.3953423
Stddev	.0032200	.0009564	.0009628	.013106	.0036659	.17292	.0031943
%RSD	10.81617	3.642588	.2057255	83.21780	131.4305	1.064888	.8079899
#1	.0309248	.0252555	.4688611	-.012037	.0058586	16.43740	.3990182
#2	.0261326	.0271613	.4669546	-.004899	-.001270	16.12230	.3932406
#3	.0322546	.0263497	.4681420	-.030310	.003779	16.15640	.3937680

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0017248	.0040212	620.0321	.0688524	.0626235	.1227607	57.13160
Stddev	.0000557	.0002454	1.6713	.0003054	.0006281	.0082641	.41475
%RSD	3.230706	6.102989	.2695554	.4434900	1.003021	6.731891	.7259633
#1	.0016605	.0041186	621.9598	.0689903	.0619412	.1143439	57.55747
#2	.0017591	.0037420	619.1478	.0685024	.0627516	.1308631	56.72894
#3	.0017547	.0042028	618.9887	.0690645	.0631778	.1230751	57.10838

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.639496	272.9196	.0576988	-.003238	.8318253	.0422031	.6083159
Stddev	.022200	2.1077	.0015259	.001457	.0137139	.0065009	.0020237
%RSD	.6099750	.7722894	2.644633	45.00928	1.648648	15.40383	.3326655
#1	3.664086	275.3224	.0591171	-.003364	.8277449	.0449863	.6064179
#2	3.620928	272.0535	.0578949	-.001722	.8471163	.0347740	.6104454
#3	3.633475	271.3829	.0560842	-.004628	.8206148	.0468491	.6080845

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.637016	3.937057	-.081332	.0086681	9.275088	4.166080	.0442049
Stddev	.138290	.002204	.001759	.0007956	.023335	.046977	.0010048
%RSD	3.802294	.0559927	2.163183	9.178565	.2515886	1.127595	2.273084
#1	3.683958	3.939571	-.082588	.0078793	9.300904	4.197825	.0447325
#2	3.481365	3.935455	-.082087	.0086546	9.255495	4.188298	.0430462
#3	3.745725	3.936146	-.079321	.0094703	9.268864	4.112115	.0448361

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5081-02DLX2 Acquired: 01/04/2025 0:58:52 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLG1 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.2178657	.2801627	.0333056
Stddev	.0015664	.0020908	.0049232
%RSD	.7189708	.7462783	14.78182
#1	.2168850	.2825701	.0288863
#2	.2170400	.2788018	.0324183
#3	.2196722	.2791162	.0386120

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1742.690	18070.38	1783.021	1303.575	1684.755
Stddev	2.763	92.48	11.707	5.762	2.108
%RSD	.1585300	.5117950	.6565582	.4420402	.1251336
#1	1745.711	18127.99	1773.809	1309.325	1684.564
#2	1742.068	18119.44	1779.060	1303.600	1682.748
#3	1740.291	17963.70	1796.195	1297.800	1686.952

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: CCV108 Acquired: 01/04/2025 1:02:40 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV108 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.966557	4.886065	24.81913	4.887491	4.914105	405.2682
Stddev	.006942	.008555	.05348	.008044	.004252	1.5795
%RSD	.1397753	.1750997	.2154615	.1645769	.0865265	.3897317
#1	4.962171	4.878834	24.77296	4.895896	4.909878	403.4617
#2	4.962939	4.883851	24.80669	4.879865	4.918381	405.9542
#3	4.974560	4.895510	24.87772	4.886712	4.914058	406.3886

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.12288	.5153567	2.494779	406.1696	15.54464	2.526235
Stddev	.00456	.0025924	.003902	.6646	.02728	.006135
%RSD	.0450848	.5030331	.1563930	.1636279	.1754787	.2428613
#1	10.11933	.5127294	2.490550	405.4720	15.51342	2.521219
#2	10.12803	.5154279	2.495547	406.2414	15.55668	2.524411
#3	10.12128	.5179127	2.498239	406.7954	15.56383	2.533076

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.31178	410.3266	15.23492	410.1007	2.515909	1.247391
Stddev	.02375	1.9315	.07286	2.5462	.001131	.005254
%RSD	.1551220	.4707267	.4782288	.6208603	.0449573	.4211657
#1	15.28468	408.1007	15.15127	407.2758	2.514963	1.241325
#2	15.32897	411.3173	15.28450	412.2187	2.515601	1.250374
#3	15.32170	411.5617	15.26899	410.8076	2.517162	1.250474

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	422.3110	2.545488	14.84106	151.9199	5.017750	F 4.490792
Stddev	2.9363	.018546	.05937	.5004	.014288	.035514
%RSD	.6953013	.7285654	.4000275	.3293870	.2847392	.7908070
#1	421.4208	2.526392	14.82321	151.4963	5.002712	4.456384
#2	419.9227	2.563429	14.79266	151.7912	5.019394	4.488676
#3	425.5894	2.546644	14.90730	152.4720	5.031145	4.527316

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: CCV108 Acquired: 01/04/2025 1:02:40 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV108 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.900574	4.979379	5.041382	5.033304	5.057074	4.820528
Stddev	.007827	.012776	.032013	.006408	.020870	.016416
%RSD	.1597058	.2565829	.6349995	.1273029	.4126874	.3405369
#1	4.902102	4.965634	5.016763	5.026040	5.038187	4.801575
#2	4.892096	4.981610	5.029812	5.035716	5.079479	4.829787
#3	4.907524	4.990893	5.077572	5.038154	5.053556	4.830223

Elem	Li6707
Units	ppm
Avg	4.832068
Stddev	.007762
%RSD	.1606433
#1	4.823121
#2	4.837002
#3	4.836082

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1520.093	16473.09	1680.863	1122.725	1631.015
Stddev	2.107	71.23	4.433	5.965	1.032
%RSD	.1386106	.4324137	.2637204	.5312964	.0632440
#1	1518.339	16391.44	1679.328	1116.604	1631.710
#2	1519.511	16505.24	1685.860	1128.520	1629.830
#3	1522.431	16522.57	1677.402	1123.053	1631.505

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: CCB108 Acquired: 01/04/2025 1:06:25 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB108 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001607	.0001698	.0012074	.0058089	-.002512	.0154154	-.003090
Stddev	.002379	.0036717	.0030525	.0031650	.001597	.0134732	.001758
%RSD	148.0478	2162.600	252.8180	54.48441	63.57898	87.40086	56.87856
#1	-.000655	.0038824	.0005945	.0072255	-.002788	.0303163	-.001764
#2	.000149	-.003460	.0045198	.0021831	-.003953	.0118375	-.005084
#3	-.004315	.000087	-.001492	.0080181	-.000795	.0040922	-.002422

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000096	.0000360	.0004290	-.000243	-.000182	-.001725	.0210711
Stddev	.000189	.0000675	.0283952	.000140	.000236	.005470	.0343189
%RSD	197.5667	187.5634	6618.521	57.66563	129.9915	317.0928	162.8720
#1	-.000299	.0000380	-.032032	-.000306	-.000327	-.003230	.0498530
#2	.000075	-.000032	.012660	-.000082	.000091	.004340	.0302699
#3	-.000063	.000103	.020660	-.000341	-.000310	-.006284	-.016910

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0034110	-.178617	-.000368	.0008359	.1945921	-.001814	.0001618
Stddev	.0016488	.036737	.000153	.0011199	.0184551	.003079	.0003645
%RSD	48.33789	20.56725	41.69706	133.9792	9.483972	169.7779	225.2794
#1	.0015072	-.138171	-.000217	.0021161	.2123942	.001715	.0004040
#2	.0043569	-.209917	-.000524	.0003539	.1755469	-.003199	-.000257
#3	.0043691	-.187763	-.000363	.0000376	.1958351	-.003957	.000339

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3752780	-.000516	.0059449	.0003351	-.014323	-.002175	-.000165
Stddev	.1853663	.001802	.0003746	.0003391	.002326	.001102	.001481
%RSD	49.39439	349.5835	6.301071	101.1844	16.24276	50.64915	899.8311
#1	.5559471	.001015	.0055250	.0006244	-.012224	-.002760	.000274
#2	.1855469	-.002502	.0062448	.0004189	-.013920	-.002861	-.001815
#3	.3843400	-.000060	.0060648	-.000038	-.016825	-.000904	.001048

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: CCB108 Acquired: 01/04/2025 1:06:25 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB108 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	-.005300	-.000494	.0006433
Stddev	.003755	.000298	.0044720
%RSD	70.84138	60.28158	695.1811
#1	-.008158	-.000156	-.003707
#2	-.006695	-.000716	.000409
#3	-.001048	-.000609	.005228

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1843.726	18812.21	1814.531	1388.105	2043.794
Stddev	4.280	46.29	10.259	4.983	2.515
%RSD	.2321545	.2460871	.5653541	.3589529	.1230623
#1	1848.410	18865.08	1820.028	1393.668	2045.940
#2	1842.751	18778.95	1820.870	1386.595	2044.414
#3	1840.018	18792.59	1802.696	1384.052	2041.026

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5081-03DLX2 Acquired: 01/04/2025 1:10:27 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLG2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0480144	.0063315	.7804641	.0167573	.0209274	25.73533	.4608135
Stddev	.0061300	.0039344	.0017633	.0112629	.0067337	.09038	.0029408
%RSD	12.76704	62.14088	.2259246	67.21147	32.17657	.3511867	.6381711
#1	.0545441	.0077671	.7804371	.0039423	.0254215	25.81895	.4607162
#2	.0471159	.0018808	.7787145	.0250840	.0131853	25.74761	.4579225
#3	.0423833	.0093464	.7822407	.0212457	.0241755	25.63945	.4638016

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0032227	.0045313	501.3839	.0964429	.0697192	.1324430	108.1012
Stddev	.0002352	.0001106	.8621	.0004699	.0004346	.0035056	.0102
%RSD	7.297246	2.440211	.1719482	.4872742	.6233129	2.646887	.0094437
#1	.0034930	.0044960	500.3952	.0961088	.0700347	.1361198	108.0969
#2	.0031106	.0044427	501.9788	.0969803	.0692235	.1320709	108.0938
#3	.0030646	.0046552	501.7777	.0962397	.0698993	.1291382	108.1128

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.804740	180.7738	.0739453	-.008294	.8733232	.0687773	.7739936
Stddev	.006337	.6590	.0011273	.000996	.0117530	.0095672	.0014150
%RSD	.1665518	.3645379	1.524495	12.01395	1.345782	13.91041	.1828114
#1	3.806281	181.1390	.0749645	-.009198	.8845589	.0610878	.7748783
#2	3.810165	181.1693	.0727345	-.008456	.8742972	.0794912	.7747407
#3	3.797775	180.0130	.0741370	-.007226	.8611135	.0657529	.7723617

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.625220	6.085143	-.182268	.0101699	5.556968	4.985026	.0347024
Stddev	.203184	.007415	.001479	.0001050	.010685	.043906	.0024603
%RSD	4.392960	.1218602	.8115095	1.032635	.1922770	.8807557	7.089720
#1	4.437814	6.090882	-.181066	.0102118	5.562911	5.035237	.0373195
#2	4.841164	6.087776	-.181819	.0102475	5.544633	4.965995	.0324368
#3	4.596680	6.076770	-.183920	.0100504	5.563360	4.953847	.0343508

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5081-03DLX2 Acquired: 01/04/2025 1:10:27 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLG2 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.3108315	.2188664	.0536566
Stddev	.0041300	.0005184	.0032775
%RSD	1.328688	.2368608	6.108313
#1	.3150589	.2192814	.0500629
#2	.3068064	.2190325	.0564812
#3	.3106290	.2182853	.0544255

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1821.052	18708.24	1851.124	1359.674	1743.724
Stddev	5.374	79.47	9.908	6.878	2.863
%RSD	.2951067	.4247907	.5352205	.5058695	.1642151
#1	1826.070	18766.14	1839.778	1367.616	1746.215
#2	1821.704	18740.95	1858.066	1355.725	1744.361
#3	1815.381	18617.64	1855.528	1355.681	1740.595

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5091-01DLX2 Acquired: 01/04/2025 1:14:16 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLR4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0374131	.0201342	.1713232	.0031271	.0136379	31.26277	.4115830
Stddev	.0058309	.0013531	.0020194	.0005967	.0048200	.13418	.0014139
%RSD	15.58528	6.720483	1.178720	19.08224	35.34251	.4292024	.3435254
#1	.0307076	.0188699	.1723058	.0033331	.0192031	31.22874	.4110944
#2	.0402390	.0215614	.1690005	.0035935	.0109162	31.14888	.4104781
#3	.0412926	.0199712	.1726632	.0024546	.0107944	31.41069	.4131763

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0030980	.0024304	644.9966	.0395694	.0767555	.1086619	80.76068
Stddev	.0000401	.0000332	1.7904	.0001780	.0001377	.0087379	.20363
%RSD	1.293368	1.364584	.2775828	.4498986	.1793397	8.041334	.2521406
#1	.0030724	.0023995	645.1580	.0394748	.0768535	.0998041	80.54473
#2	.0030774	.0024264	643.1309	.0394586	.0765982	.1089070	80.94921
#3	.0031442	.0024654	646.7008	.0397747	.0768150	.1172747	80.78812

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.238456	99.83689	.0685477	-.006058	1.477355	.0879205	.3074485
Stddev	.014350	.59905	.0011800	.001121	.011711	.0082556	.0035732
%RSD	.3385622	.6000291	1.721399	18.50220	.7927297	9.389792	1.162222
#1	4.252206	100.0010	.0691459	-.005085	1.490747	.0832395	.3044239
#2	4.223573	99.1729	.0671884	-.005806	1.472286	.0974527	.3065303
#3	4.239590	100.3368	.0693088	-.007284	1.469032	.0830694	.3113912

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.557433	5.860072	-.127128	.0061975	1.228692	5.067136	.0172797
Stddev	.272793	.001685	.004099	.0003544	.004719	.037867	.0000240
%RSD	5.985675	.0287544	3.224050	5.718903	.3840848	.7473142	.1391332
#1	4.587784	5.861774	-.128292	.0065106	1.223247	5.077257	.0172967
#2	4.270734	5.858404	-.122573	.0062693	1.231214	5.025236	.0172903
#3	4.813782	5.860039	-.130518	.0058127	1.231614	5.098915	.0172522

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5091-01DLX2 Acquired: 01/04/2025 1:14:16 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLR4 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.8355416	.8266032	.0856375
Stddev	.0108125	.0009563	.0020436
%RSD	1.294076	.1156944	2.386373
#1	.8253157	.8265434	.0852515
#2	.8344510	.8256781	.0878466
#3	.8468581	.8275880	.0838144

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1876.133	19195.90	1903.154	1403.294	1730.736
Stddev	2.684	71.36	13.639	2.916	1.082
%RSD	.1430518	.3717564	.7166405	.2077662	.0625199
#1	1875.960	19115.23	1892.775	1402.228	1731.125
#2	1878.900	19221.67	1918.601	1406.593	1731.569
#3	1873.540	19250.80	1898.085	1401.061	1729.513

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5091-02DLX2 Acquired: 01/04/2025 1:18:07 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLR5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0281555	.0163773	.1530502	-.002654	.0132936	31.45635	.3877253
Stddev	.0012027	.0038397	.0016635	.001700	.0011365	.08807	.0011111
%RSD	4.271517	23.44532	1.086870	64.05572	8.548957	.2799603	.2865733
#1	.0272004	.0205309	.1549593	-.001439	.0119969	31.53098	.3868378
#2	.0295061	.0129574	.1519127	-.001926	.0141167	31.35922	.3889715
#3	.0277600	.0156435	.1522786	-.004597	.0137672	31.47885	.3873667

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0028334	.0020994	664.6351	.0457169	.0846626	.1234018	74.81532
Stddev	.0001016	.0001243	1.6806	.0006088	.0005124	.0140571	.06178
%RSD	3.584955	5.918300	.2528536	1.331571	.6052156	11.39134	.0825770
#1	.0029246	.0019566	663.4190	.0463988	.0841080	.1391196	74.78582
#2	.0028518	.0021590	663.9335	.0452283	.0847613	.1190521	74.88632
#3	.0027240	.0021826	666.5528	.0455236	.0851184	.1120336	74.77383

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.038814	81.37452	.0831227	-.006381	.9203665	.0600792	.2543040
Stddev	.010859	.26079	.0003533	.001403	.0140227	.0130192	.0021351
%RSD	.2155132	.3204868	.4250312	21.99088	1.523604	21.67005	.8395802
#1	5.026902	81.27204	.0829209	-.004840	.9043624	.0750484	.2519520
#2	5.041379	81.18052	.0835307	-.007585	.9304990	.0513937	.2561201
#3	5.048161	81.67098	.0829166	-.006718	.9262380	.0537955	.2548398

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.696689	2.833762	-.097436	.0059348	.9966326	4.597209	.0111260
Stddev	.183420	.008472	.003676	.0003258	.0025424	.006021	.0032344
%RSD	2.383103	.2989831	3.773189	5.489534	.2550941	.1309802	29.07077
#1	7.904790	2.840860	-.093536	.0060437	.9937106	4.599137	.0116329
#2	7.626744	2.824382	-.100838	.0061922	.9983386	4.602031	.0140770
#3	7.558532	2.836043	-.097936	.0055685	.9978485	4.590460	.0076680

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5091-02DLX2 Acquired: 01/04/2025 1:18:07 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLR5 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.7147460	.5648026	.0711535
Stddev	.0008882	.0009397	.0045509
%RSD	.1242711	.1663772	6.395911
#1	.7148337	.5648146	.0671739
#2	.7155871	.5638570	.0701712
#3	.7138172	.5657363	.0761154

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1853.986	18976.26	1899.306	1381.866	1728.844
Stddev	5.262	47.56	.331	9.053	4.145
%RSD	.2838092	.2506412	.0174080	.6551556	.2397700
#1	1847.947	18924.64	1899.062	1391.787	1724.278
#2	1857.582	18985.85	1899.682	1379.759	1732.371
#3	1856.429	19018.30	1899.174	1374.051	1729.883

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5091-03DLX2 Acquired: 01/04/2025 1:21:57 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLR6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0247785	.0175404	.1312081	-.006984	.0079275	27.02203	.3150609
Stddev	.0035957	.0046420	.0016622	.003057	.0022132	.03419	.0021450
%RSD	14.51152	26.46457	1.266807	43.76445	27.91801	.1265116	.6808037
#1	.0225139	.0129850	.1299983	-.009645	.0053749	27.02580	.3173880
#2	.0289246	.0222644	.1305227	-.007663	.0093110	27.05418	.3146314
#3	.0228969	.0173717	.1331034	-.003645	.0090964	26.98612	.3131631

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0024899	.0015940	504.4169	.0386432	.0828705	.1133570	57.89871
Stddev	.0001726	.0000685	.8611	.0007827	.0002952	.0061137	.28634
%RSD	6.932413	4.295902	.1707198	2.025469	.3562260	5.393320	.4945507
#1	.0026881	.0016701	503.8423	.0377733	.0830219	.1129202	57.58980
#2	.0023724	.0015745	504.0014	.0388658	.0825303	.1074734	57.95108
#3	.0024091	.0015373	505.4070	.0392905	.0830592	.1196774	58.15525

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.268712	68.75285	.0835914	-.004845	.6035188	.0381118	.2062542
Stddev	.018861	.13965	.0010605	.001015	.0155189	.0073878	.0016638
%RSD	.4418505	.2031256	1.268620	20.95685	2.571397	19.38448	.8066858
#1	4.246946	68.59750	.0846585	-.004845	.6204916	.0458851	.2043468
#2	4.278949	68.86798	.0825378	-.005860	.6000102	.0372683	.2074074
#3	4.280242	68.79307	.0835778	-.003830	.5900546	.0311820	.2070082

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.554958	2.134092	-.064458	.0071481	.5850754	4.365136	.0106259
Stddev	.186464	.007872	.001161	.0006138	.0020763	.027323	.0016313
%RSD	2.468100	.3688753	1.801144	8.587540	.3548866	.6259260	15.35182
#1	7.738409	2.136265	-.064682	.0069309	.5846293	4.358020	.0087931
#2	7.365621	2.140649	-.063201	.0078410	.5873386	4.342075	.0111661
#3	7.560845	2.125362	-.065491	.0066723	.5832584	4.395312	.0119186

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5091-03DLX2 Acquired: 01/04/2025 1:21:57 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLR6 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.1730634	.4140629	.0632766
Stddev	.0007269	.0016716	.0009497
%RSD	.4200348	.4036970	1.500866
#1	.1722353	.4122658	.0624111
#2	.1735964	.4143516	.0642925
#3	.1733584	.4155713	.0631261

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1839.616	18796.40	1873.893	1364.369	1763.769
Stddev	4.360	37.66	8.153	8.449	4.410
%RSD	.2370050	.2003737	.4350789	.6192283	.2500224
#1	1844.441	18832.58	1874.866	1370.960	1767.827
#2	1835.959	18757.41	1881.516	1354.844	1759.076
#3	1838.448	18799.22	1865.297	1367.302	1764.404

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5091-11DLX2 Acquired: 01/04/2025 1:25:50 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLS2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0658808	.0113022	.2856734	.0218965	.0178251	30.45956	.6304084
Stddev	.0032746	.0011651	.0029273	.0028396	.0032386	.20640	.0010807
%RSD	4.970534	10.30893	1.024687	12.96811	18.16896	.6776204	.1714265
#1	.0652850	.0118604	.2845923	.0197554	.0179449	30.22595	.6300496
#2	.0629449	.0099630	.2834405	.0208166	.0210022	30.61722	.6295527
#3	.0694124	.0120832	.2889875	.0251176	.0145282	30.53552	.6316228

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0031158	.0032798	476.0868	.0541348	.0858588	.1045525	108.3534
Stddev	.0001018	.0000914	2.2595	.0013454	.0004963	.0070389	.7108
%RSD	3.267980	2.786306	.4745963	2.485335	.5780118	6.732410	.6559624
#1	.0032059	.0031875	473.5893	.0536114	.0853173	.0965184	107.5849
#2	.0030053	.0033703	476.6821	.0531297	.0859672	.1096353	108.9872
#3	.0031361	.0032815	477.9891	.0556632	.0862919	.1075038	108.4880

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.062340	89.98018	.0897142	-.009081	.8061180	.0881104	.5790755
Stddev	.050507	.18673	.0008073	.000391	.0254590	.0048558	.0026892
%RSD	.7151653	.2075197	.8998834	4.309137	3.158219	5.511069	.4644017
#1	7.004672	89.77439	.0890221	-.009492	.8131168	.0863777	.5770725
#2	7.098713	90.13879	.0895192	-.009037	.8273456	.0843585	.5780220
#3	7.083633	90.02738	.0906011	-.008713	.7778917	.0935948	.5821320

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.614802	5.422624	-.193051	.0083200	1.080533	4.710470	.0160674
Stddev	.125701	.006033	.003222	.0006061	.001761	.036076	.0015981
%RSD	2.723859	.1112622	1.669165	7.284580	.1629775	.7658694	9.946344
#1	4.470898	5.425218	-.189381	.0089403	1.081152	4.670921	.0165796
#2	4.670341	5.426927	-.194356	.0077292	1.078546	4.741574	.0173466
#3	4.703167	5.415728	-.195417	.0082905	1.081901	4.718916	.0142760

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5091-11DLX2 Acquired: 01/04/2025 1:25:50 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLS2 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.3202561	.3910378	.0480379
Stddev	.0021622	.0025739	.0036403
%RSD	.6751414	.6582170	7.577963
#1	.3224413	.3882303	.0510432
#2	.3202094	.3932862	.0439901
#3	.3181177	.3915968	.0490803

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1900.859	19459.40	1924.159	1413.128	1781.157
Stddev	2.040	160.11	1.793	10.759	1.844
%RSD	.1073286	.8227819	.0931706	.7613411	.1035207
#1	1898.617	19315.22	1923.449	1402.227	1780.141
#2	1902.606	19631.71	1926.198	1423.738	1780.045
#3	1901.353	19431.28	1922.830	1413.419	1783.286

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5091-12DLX2 Acquired: 01/04/2025 1:29:40 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLS3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0570095	.0237763	.1728863	-.007737	.0087791	19.85661	.4245933
Stddev	.0011988	.0032003	.0030045	.004618	.0005527	.15160	.0039274
%RSD	2.102766	13.46009	1.737826	59.69201	6.295664	.7634817	.9249874
#1	.0560312	.0220152	.1752874	-.003267	.0087760	19.74805	.4286701
#2	.0583468	.0274704	.1738544	-.012490	.0082279	19.79195	.4242754
#3	.0566506	.0218434	.1695172	-.007453	.0093333	20.02982	.4208345

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0019926	.0018199	792.2481	.0388039	.0932784	.0987462	72.86176
Stddev	.0001966	.0000572	2.6815	.0010545	.0006132	.0120317	.42135
%RSD	9.866322	3.143789	.3384682	2.717462	.6573557	12.18446	.5782912
#1	.0021827	.0017598	790.4020	.0399854	.0939811	.0949950	72.68691
#2	.0017901	.0018737	791.0184	.0379581	.0928521	.1122066	72.55599
#3	.0020049	.0018262	795.3239	.0384682	.0930021	.0890369	73.34239

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.608167	102.3491	.0624885	-.003963	.9505096	.0507312	.3843649
Stddev	.046291	.6586	.0008963	.000997	.0213415	.0081283	.0008145
%RSD	.7005196	.6434883	1.434378	25.15959	2.245267	16.02220	.2119079
#1	6.583539	101.7884	.0632199	-.003651	.9747685	.0433950	.3835363
#2	6.579396	102.1846	.0614886	-.003159	.9346267	.0594692	.3843938
#3	6.661567	103.0744	.0627570	-.005079	.9421336	.0493292	.3851645

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.736182	3.076912	-.110717	.0073443	5.221082	3.905497	.0141646
Stddev	.046838	.005870	.000732	.0008205	.008122	.005955	.0012413
%RSD	.9889476	.1907716	.6615821	11.17168	.1555695	.1524814	8.763245
#1	4.682104	3.082134	-.109893	.0067582	5.230278	3.904420	.0127720
#2	4.762530	3.070559	-.111292	.0082819	5.214888	3.900154	.0145669
#3	4.763913	3.078044	-.110967	.0069926	5.218080	3.911918	.0151547

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5091-12DLX2 Acquired: 01/04/2025 1:29:40 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLS3 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.2873489	.6513754	.0394921
Stddev	.0012529	.0057517	.0037606
%RSD	.4360113	.8830062	9.522349
#1	.2870721	.6473080	.0351503
#2	.2887170	.6488624	.0416036
#3	.2862575	.6579560	.0417224

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1819.183	18686.58	1861.950	1361.676	1722.627
Stddev	2.878	74.48	2.622	5.963	5.565
%RSD	.1582001	.3985751	.1408247	.4379049	.3230765
#1	1817.411	18633.23	1859.439	1357.859	1716.204
#2	1822.504	18654.84	1861.739	1358.621	1725.672
#3	1817.634	18771.68	1864.671	1368.547	1726.006

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5091-13DLX2 Acquired: 01/04/2025 1:33:29 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLS4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0255516	.0273097	.1379384	-.014301	.0096865	19.82962	.2967741
Stddev	.0091966	.0022092	.0023326	.001672	.0067929	.08123	.0017416
%RSD	35.99221	8.089415	1.691078	11.69406	70.12806	.4096531	.5868353
#1	.0172593	.0298492	.1360444	-.014799	.0151744	19.92333	.2966172
#2	.0354428	.0262493	.1372268	-.015668	.0117959	19.78638	.2985888
#3	.0239527	.0258306	.1405439	-.012436	.0020891	19.77915	.2951162

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0019940	.0012889	732.7885	.0353216	.0744268	.1417292	62.63718
Stddev	.0001068	.0000206	1.7639	.0009034	.0015290	.0031645	.33053
%RSD	5.354058	1.594983	.2407042	2.557552	2.054308	2.232774	.5276964
#1	.0020951	.0012739	734.6354	.0356150	.0751197	.1383196	63.01404
#2	.0018823	.0012805	732.6086	.0360419	.0726740	.1445720	62.39644
#3	.0020045	.0013124	731.1215	.0343081	.0754866	.1422960	62.50107

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.399280	135.4322	.0518700	-.004572	.9048681	.0439987	.2524025
Stddev	.020861	.7097	.0013682	.001964	.0094920	.0127386	.0009713
%RSD	.3863726	.5240368	2.637675	42.95032	1.048991	28.95231	.3848381
#1	5.422290	136.1942	.0507507	-.005815	.9017835	.0581535	.2515057
#2	5.393947	135.3124	.0533952	-.002308	.8973020	.0334566	.2522676
#3	5.381603	134.7901	.0514643	-.005592	.9155187	.0403859	.2534342

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.191657	3.552925	-.082227	.0052796	1.149419	3.740862	.0112720
Stddev	.077850	.003678	.001310	.0007543	.011946	.050172	.0031141
%RSD	1.499529	.1035322	1.592994	14.28739	1.039279	1.341198	27.62677
#1	5.106638	3.552311	-.082315	.0061050	1.147424	3.768315	.0086482
#2	5.259455	3.549592	-.080875	.0051080	1.138597	3.771316	.0147133
#3	5.208880	3.556871	-.083490	.0046259	1.162237	3.682954	.0104546

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5091-13DLX2 Acquired: 01/04/2025 1:33:29 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLS4 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.1886642	.6294192	.0470588
Stddev	.0020784	.0024343	.0042785
%RSD	1.101648	.3867476	9.091882
#1	.1880575	.6321315	.0471287
#2	.1909784	.6287017	.0427457
#3	.1869566	.6274243	.0513019

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1824.710	18599.34	1858.999	1352.920	1726.451
Stddev	4.954	47.65	13.243	5.047	2.325
%RSD	.2715087	.2562170	.7123848	.3730596	.1346657
#1	1829.909	18642.26	1849.762	1358.340	1728.639
#2	1824.177	18607.70	1853.063	1352.064	1726.702
#3	1820.044	18548.06	1874.171	1348.355	1724.010

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5091-18DLX2 Acquired: 01/04/2025 1:37:21 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLS9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0307345	.0140743	.1365151	-.004005	.0088599	30.38168	.3132418
Stddev	.0027805	.0022290	.0036652	.003436	.0023881	.02993	.0035814
%RSD	9.046776	15.83729	2.684817	85.79986	26.95348	.0985010	1.143318
#1	.0338217	.0166285	.1405264	-.000148	.0114015	30.39387	.3097766
#2	.0284275	.0125224	.1333408	-.006740	.0085153	30.34758	.3169290
#3	.0299543	.0130719	.1356781	-.005126	.0066629	30.40359	.3130200

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0028639	.0012045	502.9324	.0533647	.0700627	.0661067	78.52592
Stddev	.0001023	.0001538	2.5728	.0013864	.0002521	.0059156	.31085
%RSD	3.571060	12.76820	.5115607	2.597923	.3598462	8.948481	.3958510
#1	.0027959	.0012713	500.3174	.0547698	.0701492	.0622597	78.21978
#2	.0028143	.0010286	503.0190	.0519978	.0702603	.0631421	78.51672
#3	.0029815	.0013136	505.4608	.0533264	.0697788	.0729184	78.84127

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.738685	146.3224	.0585915	-.004825	.7474616	.0956345	.3632520
Stddev	.013833	.7470	.0002649	.001391	.0094380	.0058470	.0018686
%RSD	.5050859	.5104946	.4521305	28.84011	1.262670	6.113922	.5144075
#1	2.727947	146.0957	.0582996	-.005892	.7577583	.0979046	.3644424
#2	2.733813	145.7150	.0588166	-.003251	.7454051	.1000061	.3610983
#3	2.754294	147.1564	.0586584	-.005331	.7392215	.0889929	.3642152

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.411032	5.324602	-.140596	.0070777	.8309467	4.773153	.0351074
Stddev	.050915	.012254	.001529	.0006777	.0041768	.046772	.0007770
%RSD	1.492649	.2301482	1.087575	9.575147	.5026529	.9798909	2.213219
#1	3.382241	5.332795	-.141778	.0076984	.8262773	4.788809	.0354540
#2	3.381035	5.330496	-.138869	.0071801	.8322361	4.720561	.0356508
#3	3.469819	5.310514	-.141141	.0063547	.8343268	4.810088	.0342174

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5091-18DLX2 Acquired: 01/04/2025 1:37:21 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLS9 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.4746462	.3327502	.0618438
Stddev	.0037038	.0021946	.0034005
%RSD	.7803295	.6595195	5.498577
#1	.4754882	.3324235	.0639445
#2	.4705939	.3307372	.0579205
#3	.4778565	.3350897	.0636665

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1877.160	19270.09	1917.660	1406.824	1744.551
Stddev	1.888	40.59	10.638	1.735	2.577
%RSD	.1005716	.2106601	.5547253	.1233445	.1477175
#1	1877.400	19293.37	1915.314	1405.201	1741.616
#2	1878.916	19223.22	1929.275	1406.618	1745.596
#3	1875.163	19293.69	1908.392	1408.653	1746.441

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5091-19DLX2 Acquired: 01/04/2025 1:41:11 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLT0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0250140	.0195267	.1255282	-.003061	.0080348	26.21617	.2729926
Stddev	.0022675	.0035479	.0037712	.004343	.0011499	.07838	.0031041
%RSD	9.065061	18.16936	3.004260	141.9116	14.31172	.2989727	1.137049
#1	.0266589	.0219591	.1239247	-.006635	.0072199	26.29856	.2758800
#2	.0259558	.0154557	.1228237	-.004319	.0075344	26.20741	.2697098
#3	.0224274	.0211654	.1298361	.001773	.0093502	26.14254	.2733881

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0024744	.0015012	614.4315	.0459623	.0719484	.0676998	71.27776
Stddev	.0000403	.0000874	2.1648	.0003646	.0006298	.0100674	.43260
%RSD	1.626461	5.822848	.3523239	.7932686	.8752901	14.87071	.6069208
#1	.0024571	.0015846	616.6824	.0455500	.0715375	.0792110	71.76246
#2	.0024458	.0014103	612.3646	.0460947	.0726735	.0605398	70.93081
#3	.0025204	.0015087	614.2474	.0462422	.0716343	.0633484	71.14001

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.380370	122.2300	.0586147	-.005198	.7981314	.0596226	.3434583
Stddev	.012322	.6977	.0021374	.001470	.0045696	.0044712	.0048049
%RSD	.3645270	.5708443	3.646517	28.29079	.5725411	7.499214	1.398986
#1	3.394571	122.6306	.0608781	-.005876	.7988820	.0547242	.3464568
#2	3.372510	121.4243	.0583353	-.006207	.7932329	.0634846	.3379163
#3	3.374027	122.6351	.0566308	-.003511	.8022792	.0606591	.3460019

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.203001	4.331288	-.116138	.0060647	.8571925	4.689468	.0093853
Stddev	.132631	.006142	.003607	.0011133	.0036734	.009183	.0012528
%RSD	3.155634	.1417998	3.105515	18.35740	.4285418	.1958322	13.34869
#1	4.057454	4.326734	-.112020	.0047821	.8564684	4.697835	.0106881
#2	4.234503	4.328857	-.117664	.0066305	.8611740	4.679643	.0081893
#3	4.317044	4.338273	-.118732	.0067815	.8539350	4.690925	.0092784

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5091-19DLX2 Acquired: 01/04/2025 1:41:11 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLT0 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.4205577	.4699081	.0521161
Stddev	.0049289	.0015564	.0011776
%RSD	1.171992	.3312075	2.259564
#1	.4259411	.4700883	.0526802
#2	.4194653	.4682694	.0529055
#3	.4162666	.4713665	.0507626

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1851.197	18882.05	1892.479	1378.495	1725.084
Stddev	5.660	43.68	5.958	9.880	2.423
%RSD	.3057383	.2313427	.3148213	.7167192	.1404463
#1	1844.671	18831.65	1885.780	1371.859	1722.303
#2	1854.153	18908.81	1897.185	1389.850	1726.212
#3	1854.766	18905.71	1894.471	1373.777	1726.737

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5091-20DLX4 Acquired: 01/04/2025 1:45:01 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLT1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0098268	.0265762	.0519010	-.027788	.0062265	9.739074	.1670193
Stddev	.0033792	.0031935	.0023500	.006508	.0012679	.036482	.0009399
%RSD	34.38691	12.01660	4.527914	23.41807	20.36291	.3745966	.5627725
#1	.0074817	.0302615	.0541061	-.032614	.0047638	9.730133	.1665020
#2	.0137001	.0248446	.0494289	-.020387	.0070117	9.779196	.1664517
#3	.0082987	.0246223	.0521682	-.030364	.0069040	9.707894	.1681043

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0011717	.0011863	539.0430	.0179011	.0558163	.0369120	31.24903
Stddev	.0001834	.0000403	.8416	.0010091	.0001791	.0097621	.12230
%RSD	15.65167	3.392904	.1561296	5.637175	.3209722	26.44687	.3913642
#1	.0013822	.0011980	538.0736	.0187949	.0556204	.0303395	31.18762
#2	.0010860	.0012193	539.4689	.0168067	.0558568	.0322673	31.38986
#3	.0010468	.0011415	539.5865	.0181015	.0559717	.0481292	31.16960

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.463643	39.99179	.0271395	-.001858	.4616101	.0171522	.1304748
Stddev	.013331	.14466	.0008737	.000826	.0184626	.0107359	.0006932
%RSD	.5411223	.3617322	3.219499	44.47420	3.999607	62.59178	.5312846
#1	2.450103	39.95805	.0272665	-.001235	.4461822	.0292004	.1311736
#2	2.476755	40.15034	.0262091	-.002795	.4820658	.0136554	.1297873
#3	2.464071	39.86698	.0279427	-.001543	.4565824	.0086006	.1304634

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.565820	.7835667	-.046367	.0052319	.6198098	2.001615	.0076235
Stddev	.284766	.0078473	.001325	.0014622	.0071465	.018037	.0016453
%RSD	11.09845	1.001483	2.856867	27.94832	1.153012	.9011223	21.58153
#1	2.371805	.7793177	-.045167	.0063608	.6183405	1.984410	.0080279
#2	2.432914	.7787602	-.047788	.0035801	.6275767	2.020382	.0058137
#3	2.892742	.7926222	-.046145	.0057548	.6135121	2.000052	.0090289

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5091-20DLX4 Acquired: 01/04/2025 1:45:01 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLT1 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.0659900	.5839042	.0170114
Stddev	.0064978	.0020149	.0059141
%RSD	9.846638	.3450784	34.76543
#1	.0706501	.5826202	.0155259
#2	.0687524	.5862265	.0119816
#3	.0585674	.5828660	.0235265

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1778.222	18180.06	1795.746	1326.055	1803.757
Stddev	1.113	70.13	20.737	.846	1.821
%RSD	.0625686	.3857743	1.154796	.0638084	.1009823
#1	1777.443	18257.82	1815.838	1326.944	1802.067
#2	1779.496	18121.60	1774.419	1325.960	1805.687
#3	1777.726	18160.74	1796.981	1325.260	1803.517

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5082-03DLX2 Acquired: 01/04/2025 1:48:56 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLL3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0195213	.0256413	.5833631	-.018250	.0038552	16.63435	.2599488
Stddev	.0042564	.0037303	.0031295	.009068	.0016341	.16363	.0017164
%RSD	21.80392	14.54783	.5364590	49.68701	42.38749	.9836762	.6602645
#1	.0197855	.0288967	.5821319	-.007792	.0056300	16.81117	.2612990
#2	.0151390	.0264563	.5810365	-.023038	.0035227	16.48827	.2605300
#3	.0236395	.0215709	.5869210	-.023920	.0024129	16.60362	.2580173

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0017646	.0036928	571.7586	.0761270	.0600393	.0944302	55.07530
Stddev	.0000470	.0001175	1.5566	.0003888	.0006885	.0147632	.31450
%RSD	2.661851	3.182530	.2722467	.5107049	1.146756	15.63400	.5710302
#1	.0017853	.0038215	572.1333	.0765151	.0607269	.1078150	55.25381
#2	.0017108	.0035912	570.0489	.0757375	.0593499	.0968805	54.71216
#3	.0017976	.0036656	573.0937	.0761285	.0600410	.0785952	55.25991

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.947431	319.1805	.0592288	-.002977	.8339668	.0593607	.8386171
Stddev	.019128	1.4991	.0014757	.000924	.0152880	.0078019	.0054406
%RSD	.4845636	.4696749	2.491499	31.04104	1.833171	13.14318	.6487581
#1	3.948708	320.4450	.0587664	-.002565	.8163298	.0669335	.8339463
#2	3.927696	317.5244	.0608803	-.002331	.8434384	.0513483	.8445909
#3	3.965888	319.5720	.0580397	-.004036	.8421322	.0598002	.8373142

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.905857	3.155607	-.080025	.0083765	10.44188	4.445897	.0163540
Stddev	.137780	.012843	.003752	.0004849	.02577	.041576	.0016006
%RSD	4.741444	.4069859	4.687977	5.788651	.2467722	.9351451	9.786996
#1	2.820928	3.141905	-.080044	.0087759	10.47148	4.476214	.0155194
#2	2.831816	3.157544	-.076264	.0078370	10.42968	4.398502	.0181994
#3	3.064827	3.167371	-.083767	.0085165	10.42448	4.462973	.0153433

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5082-03DLX2 Acquired: 01/04/2025 1:48:56 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLL3 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.1830229	.1862032	.0325403
Stddev	.0085021	.0004934	.0043285
%RSD	4.645378	.2649668	13.30181
#1	.1900108	.1863505	.0361138
#2	.1735571	.1856529	.0277274
#3	.1855008	.1866061	.0337799

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1756.563	17996.64	1787.847	1305.349	1705.578
Stddev	3.032	95.34	13.106	12.894	3.000
%RSD	.1726357	.5297823	.7330631	.9877672	.1758825
#1	1755.259	18009.44	1773.984	1308.702	1704.800
#2	1760.029	17895.54	1800.035	1291.110	1708.890
#3	1754.399	18084.93	1789.521	1316.235	1703.043

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5087-18DLX4 Acquired: 01/04/2025 1:52:45 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHM34 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0182736	.0231782	.1037153	-.010218	.0083480	7.395926	.2972753
Stddev	.0047386	.0016183	.0055080	.007925	.0031813	.032727	.0030415
%RSD	25.93142	6.981941	5.310665	77.55955	38.10917	.4425013	1.023114
#1	.0130335	.0216320	.0980814	-.005895	.0112205	7.371564	.2939190
#2	.0195298	.0230425	.1039766	-.005395	.0049287	7.433125	.2998491
#3	.0222575	.0248600	.1090880	-.019365	.0088946	7.383088	.2980576

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0014951	.0004857	405.4912	.0136322	.0517669	.0366756	50.45344
Stddev	.0001076	.0000403	2.3191	.0005167	.0001318	.0092284	.36173
%RSD	7.195353	8.292358	.5719136	3.790579	.2546507	25.16208	.7169493
#1	.0015901	.0005321	402.8570	.0141750	.0519175	.0260647	50.04261
#2	.0015168	.0004598	406.3916	.0135753	.0517105	.0411337	50.59360
#3	.0013783	.0004653	407.2250	.0131462	.0516726	.0428286	50.72412

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.938072	90.92422	.0330590	-.002575	.3994955	.0126400	.0664165
Stddev	.010445	.80360	.0007614	.001574	.0315561	.0104139	.0004517
%RSD	.3555059	.8838164	2.303140	61.12827	7.898983	82.38874	.6800740
#1	2.926096	89.99632	.0326360	-.004233	.3638961	.0241349	.0661231
#2	2.945296	91.38242	.0339379	-.001101	.4240255	.0038347	.0661898
#3	2.942825	91.39392	.0326029	-.002392	.4105650	.0099504	.0669366

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.628680	1.011467	-.085046	.0080864	.8488532	2.094408	-.003795
Stddev	.118191	.003207	.003352	.0005392	.0029591	.008824	.002533
%RSD	7.256844	.3171138	3.940863	6.667619	.3485957	.4213002	66.74563
#1	1.496455	1.014553	-.081358	.0087078	.8502719	2.084355	-.006533
#2	1.665526	1.011698	-.085876	.0078080	.8454519	2.097996	-.003320
#3	1.724058	1.008150	-.087905	.0077433	.8508358	2.100872	-.001534

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5087-18DLX4 Acquired: 01/04/2025 1:52:45 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHM34 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.0239442	.2462826	.0086616
Stddev	.0019960	.0007903	.0057728
%RSD	8.336005	.3208812	66.64833
#1	.0219714	.2453751	.0152315
#2	.0259626	.2468190	.0044009
#3	.0238987	.2466538	.0063523

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1784.789	18297.60	1792.167	1337.046	1791.811
Stddev	2.183	84.72	8.350	2.053	4.924
%RSD	.1222982	.4629982	.4659211	.1535565	.2748033
#1	1784.922	18272.72	1801.416	1339.414	1786.584
#2	1782.542	18391.97	1789.899	1335.958	1792.487
#3	1786.902	18228.10	1785.185	1335.766	1796.362

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5086-14DLX2 Acquired: 01/04/2025 1:56:41 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLN7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0370177	.0210415	.2733296	-.003022	.0108997	24.97719	.3749281
Stddev	.0065912	.0039256	.0020704	.001954	.0031364	.02044	.0008816
%RSD	17.80550	18.65659	.7574754	64.65300	28.77553	.0818195	.2351406
#1	.0438461	.0186537	.2729303	-.004681	.0120146	25.00064	.3748131
#2	.0365145	.0188985	.2714879	-.000869	.0073581	24.96318	.3758616
#3	.0306926	.0255722	.2755706	-.003516	.0133263	24.96775	.3741097

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0025352	.0017364	532.1665	.0444685	.0665314	.0848603	73.46522
Stddev	.0001746	.0000827	1.6443	.0000501	.0002166	.0130010	.14284
%RSD	6.887725	4.760485	.3089750	.1127007	.3256031	15.32041	.1944356
#1	.0024799	.0017115	532.6844	.0444552	.0662926	.0860557	73.46408
#2	.0023950	.0018287	533.4895	.0445239	.0667154	.0972223	73.60862
#3	.0027308	.0016691	530.3256	.0444263	.0665861	.0713030	73.32294

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.511178	87.68364	.0537593	-.005326	.6304700	.0794986	.3362683
Stddev	.008518	.04603	.0020190	.000737	.0032566	.0080047	.0007395
%RSD	.1888296	.0524938	3.755605	13.83749	.5165394	10.06905	.2199290
#1	4.501710	87.72993	.0535757	-.005881	.6305694	.0702616	.3364786
#2	4.518221	87.63788	.0518384	-.004490	.6271648	.0838264	.3354464
#3	4.513603	87.68311	.0558639	-.005608	.6336757	.0844078	.3368800

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.751040	2.436213	-.132633	.0058153	.8943472	5.283821	.0063029
Stddev	.112226	.002568	.001473	.0009622	.0080126	.066455	.0015538
%RSD	4.079392	.1054219	1.110854	16.54515	.8959198	1.257700	24.65257
#1	2.864623	2.433898	-.131130	.0050525	.8933813	5.360514	.0080622
#2	2.748274	2.435767	-.132695	.0054971	.8868614	5.243281	.0057279
#3	2.640223	2.438976	-.134074	.0068962	.9027991	5.247667	.0051184

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5086-14DLX2 Acquired: 01/04/2025 1:56:41 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLN7 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.4089994	.5053291	.0384086
Stddev	.0090976	.0003379	.0039225
%RSD	2.224351	.0668608	10.21249
#1	.4144270	.5056428	.0353248
#2	.3984964	.5049714	.0370777
#3	.4140750	.5053732	.0428234

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1856.273	18983.41	1891.617	1388.583	1761.222
Stddev	5.993	162.70	9.265	10.045	5.421
%RSD	.3228538	.8570760	.4897832	.7233647	.3078191
#1	1860.572	19170.70	1881.089	1399.332	1764.740
#2	1858.819	18876.94	1895.235	1379.435	1763.946
#3	1849.427	18902.59	1898.527	1386.983	1754.978

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5086-15DLX4 Acquired: 01/04/2025 2:00:31 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLN8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0296493	.0230270	.1265331	-.014755	.0098522	9.088867	.2760621
Stddev	.0025340	.0033687	.0047829	.007456	.0067295	.328422	.0136351
%RSD	8.546435	14.62921	3.779952	50.53376	68.30480	3.613451	4.939156
#1	.0268143	.0268921	.1314854	-.006156	.0090561	9.468076	.2917632
#2	.0304401	.0207154	.1219398	-.019417	.0035561	8.895986	.2671995
#3	.0316936	.0214735	.1261740	-.018694	.0169444	8.902537	.2692236

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0015988	.0008451	516.3044	.0162886	.0541444	.0389335	55.02856
Stddev	.0000631	.0001447	18.5821	.0007305	.0003879	.0123711	1.87766
%RSD	3.946646	17.12434	3.599050	4.484958	.7164480	31.77497	3.412154
#1	.0016049	.0006800	537.7038	.0155245	.0538660	.0293246	57.19641
#2	.0015329	.0009050	504.2473	.0163613	.0545875	.0345840	53.91420
#3	.0016586	.0009502	506.9622	.0169801	.0539798	.0528920	53.97507

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.131934	101.4679	.0379988	-.003057	.5689561	.0230569	.0962787
Stddev	.106181	3.3578	.0003767	.001083	.0482497	.0234271	.0013471
%RSD	3.390276	3.309261	.9913575	35.41817	8.480393	101.6058	1.399112
#1	3.254524	105.2942	.0383571	-.004216	.6245216	.0324699	.0947549
#2	3.068834	99.0116	.0376060	-.002886	.5446937	-.003613	.0973108
#3	3.072444	100.0981	.0380334	-.002070	.5376531	.040313	.0967704

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.825471	1.352482	-.086381	.0067154	1.010144	2.232629	-.005720
Stddev	.088368	.001038	.002816	.0008231	.006093	.066008	.002462
%RSD	4.840830	.0767756	3.259960	12.25671	.6031424	2.956502	43.03829
#1	1.926245	1.351300	-.089205	.0074756	1.008799	2.308829	-.007978
#2	1.761217	1.352903	-.086367	.0058413	1.016796	2.193038	-.003095
#3	1.788949	1.353244	-.083573	.0068294	1.004836	2.196021	-.006088

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5086-15DLX4 Acquired: 01/04/2025 2:00:31 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLN8 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.0372757	.3378509	.0137268
Stddev	.0101131	.0119288	.0052445
%RSD	27.13061	3.530792	38.20591
#1	.0441382	.3514619	.0170754
#2	.0420270	.3292144	.0164222
#3	.0256618	.3328765	.0076828

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1788.293	18312.69	1789.709	1334.185	1773.010
Stddev	3.591	57.70	45.266	3.830	4.373
%RSD	.2007881	.3150959	2.529259	.2870364	.2466554
#1	1787.155	18354.95	1737.615	1337.365	1769.311
#2	1792.314	18246.95	1812.058	1329.934	1777.837
#3	1785.409	18336.18	1819.454	1335.256	1771.881

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5086-16DLX2 Acquired: 01/04/2025 2:04:26 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLN9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0331808	.0213837	.1828026	-.011701	.0107743	18.72312
Stddev	.0031400	.0014838	.0046199	.004282	.0019606	.18916
%RSD	9.463240	6.938872	2.527283	36.59554	18.19698	1.010305
#1	.0296784	.0208749	.1781376	-.007266	.0114347	18.66826
#2	.0357439	.0230550	.1828940	-.012025	.0085687	18.56746
#3	.0341200	.0202213	.1873761	-.015812	.0123193	18.93365

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2625448	.0025854	.0013323	F 911.8427	.0322012	.0725877
Stddev	.0033886	.0001543	.0001991	4.8613	.0006534	.0002837
%RSD	1.290681	5.968254	14.94724	.5331271	2.029009	.3908314
#1	.2643018	.0024227	.0015534	912.0738	.0326037	.0728306
#2	.2586385	.0027296	.0011671	906.8700	.0314473	.0726565
#3	.2646940	.0026038	.0012764	916.5843	.0325525	.0722759

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0725743	80.06243	3.500888	165.5226	.0721377	-.005743
Stddev	.0051658	.71163	.028688	1.6188	.0004526	.001748
%RSD	7.117944	.8888437	.8194617	.9779795	.6273887	30.43338
#1	.0688938	80.06596	3.480515	164.9864	.0724183	-.006810
#2	.0784798	79.34905	3.488453	164.2399	.0723793	-.006694
#3	.0703493	80.77230	3.533696	167.3414	.0716156	-.003726

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9849958	.0288487	.1204675	4.147422	2.300787	-.108628
Stddev	.0459876	.0145898	.0001815	.022951	.009333	.002857
%RSD	4.668807	50.57335	.1506936	.5533722	.4056391	2.629990
#1	1.035493	.0121404	.1203492	4.122548	2.295189	-.105731
#2	.973973	.0353359	.1206765	4.151939	2.295611	-.111444
#3	.945521	.0390698	.1203767	4.167777	2.311561	-.108710

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5086-16DLX2 Acquired: 01/04/2025 2:04:26 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLN9 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0036694	1.815486	4.760790	-.001543	.0634950	.6811817
Stddev	.0009588	.005572	.041362	.000824	.0055318	.0044734
%RSD	26.13057	.3069281	.8688124	53.38777	8.712178	.6567121
#1	.0028316	1.815889	4.770616	-.000661	.0670336	.6805512
#2	.0047151	1.809723	4.715400	-.001676	.0571203	.6770570
#3	.0034613	1.820845	4.796355	-.002293	.0663310	.6859369

Elem	Li6707
Units	ppm
Avg	.0443265
Stddev	.0037252
%RSD	8.404094
#1	.0431760
#2	.0413123
#3	.0484913

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1799.349	18489.11	1848.138	1339.541	1670.591
Stddev	3.624	77.66	19.808	1.607	.819
%RSD	.2014225	.4200264	1.071778	.1199869	.0490034
#1	1801.836	18496.98	1840.398	1340.209	1671.511
#2	1795.191	18562.54	1870.647	1340.707	1670.319
#3	1801.020	18407.82	1833.368	1337.708	1669.943

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5084-05DLX2 Acquired: 01/04/2025 2:08:17 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLW9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0230487	.0204087	.1536771	-.000040	.0160358	27.87533	.3260551
Stddev	.0012141	.0037879	.0039960	.005463	.0046873	.07145	.0014478
%RSD	5.267664	18.56030	2.600240	13612.97	29.23025	.2563347	.4440275
#1	.0244457	.0222620	.1582883	-.005869	.0106985	27.83074	.3260882
#2	.0224522	.0160510	.1515145	.000787	.0179260	27.95775	.3245911
#3	.0222482	.0229131	.1512285	.004962	.0194828	27.83752	.3274861

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0026268	.0019008	474.5685	.0460179	.0788331	.1665709	77.60795
Stddev	.0000382	.0000313	2.8487	.0003684	.0005140	.0097207	.35864
%RSD	1.452942	1.647789	.6002755	.8005488	.6520257	5.835779	.4621234
#1	.0026564	.0018647	472.9777	.0463566	.0794216	.1576398	77.68876
#2	.0025837	.0019169	477.8574	.0460714	.0786060	.1769244	77.91930
#3	.0026403	.0019209	472.8706	.0456257	.0784718	.1651484	77.21580

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.839550	88.20774	.0768761	-.006478	.6097143	.0725084	.2904284
Stddev	.038444	.63255	.0006747	.000584	.0299799	.0061998	.0028914
%RSD	.7943672	.7171166	.8776939	9.009504	4.917048	8.550523	.9955612
#1	4.820508	88.36706	.0774601	-.005841	.5836043	.0786983	.2873651
#2	4.883798	88.74541	.0770309	-.006606	.6030842	.0725282	.2931100
#3	4.814343	87.51077	.0761375	-.006987	.6424543	.0662987	.2908101

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.586895	4.000910	-.134687	.0068008	.7156956	5.921098	.0017974
Stddev	.098196	.007825	.005582	.0002743	.0076780	.044855	.0010910
%RSD	2.140794	.1955721	4.144700	4.034104	1.072795	.7575399	60.69633
#1	4.699822	3.997060	-.132315	.0070666	.7072088	5.899139	.0029624
#2	4.539274	4.009914	-.141063	.0065186	.7221598	5.972701	.0016302
#3	4.521590	3.995757	-.130682	.0068171	.7177182	5.891454	.0007998

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5084-05DLX2 Acquired: 01/04/2025 2:08:17 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLW9 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.3944351	.3693818	.0586068
Stddev	.0085026	.0017493	.0025245
%RSD	2.155642	.4735790	4.307439
#1	.3949230	.3678940	.0609360
#2	.4026832	.3713089	.0559243
#3	.3856990	.3689425	.0589601

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1878.753	19116.33	1911.229	1399.037	1777.622
Stddev	6.257	35.43	14.246	4.168	5.978
%RSD	.3330450	.1853410	.7454090	.2979345	.3362816
#1	1873.400	19089.30	1914.995	1396.066	1773.825
#2	1877.226	19103.26	1895.478	1397.244	1774.529
#3	1885.632	19156.44	1923.215	1403.802	1784.513

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5084-06DLX2 Acquired: 01/04/2025 2:12:07 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLX0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0306260	.0138974	.1462998	.0125963	.0175042	30.50373	.3636464
Stddev	.0064326	.0078258	.0035869	.0018578	.0019600	.27738	.0054376
%RSD	21.00375	56.31126	2.451743	14.74893	11.19741	.9093226	1.495307
#1	.0243038	.0173140	.1484153	.0144859	.0152978	30.18396	.3694031
#2	.0371637	.0194340	.1483259	.0107720	.0190438	30.64792	.3585971
#3	.0304105	.0049442	.1421584	.0125309	.0181711	30.67932	.3629389

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0032244	.0023692	591.6067	.0555669	.0891033	.1699438	94.29083
Stddev	.0001953	.0000811	1.7348	.0009531	.0006398	.0036798	.48267
%RSD	6.058068	3.422556	.2932311	1.715271	.7180236	2.165329	.5118966
#1	.0030089	.0023132	591.1599	.0560076	.0884334	.1687149	93.82827
#2	.0032744	.0024622	590.1391	.0544732	.0891685	.1740809	94.25285
#3	.0033898	.0023322	593.5212	.0562200	.0897080	.1670357	94.79137

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.063244	72.40717	.1005495	-.007001	.7075041	.0631169	.2624518
Stddev	.033664	.54460	.0009798	.001328	.0236582	.0079541	.0016705
%RSD	.5552096	.7521330	.9744794	18.96767	3.343895	12.60214	.6364795
#1	6.028721	71.78476	.0994227	-.007784	.7019221	.0675187	.2628453
#2	6.065034	72.64067	.1012008	-.005468	.6871361	.0539349	.2638903
#3	6.095977	72.79609	.1010251	-.007752	.7334542	.0678971	.2606197

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.224892	4.305148	-.155720	.0066275	.6855876	5.766728	.0041139
Stddev	.054231	.006154	.002029	.0007747	.0025990	.032528	.0028092
%RSD	.8711947	.1429501	1.303052	11.68965	.3790929	.5640615	68.28621
#1	6.166746	4.305781	-.157762	.0075192	.6847041	5.795037	.0058048
#2	6.233833	4.298701	-.153704	.0062438	.6885131	5.731196	.0008711
#3	6.274096	4.310961	-.155694	.0061195	.6835454	5.773952	.0056659

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5084-06DLX2 Acquired: 01/04/2025 2:12:07 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLX0 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.4432243	.4339069	.0666367
Stddev	.0013960	.0019403	.0038407
%RSD	.3149712	.4471687	5.763630
#1	.4417515	.4316666	.0647340
#2	.4433932	.4350019	.0641189
#3	.4445282	.4350521	.0710573

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1883.880	19262.98	1914.913	1408.323	1762.609
Stddev	3.385	51.32	11.388	6.066	2.051
%RSD	.1796891	.2664186	.5947089	.4307017	.1163695
#1	1879.993	19277.48	1906.765	1414.893	1760.731
#2	1885.469	19305.50	1927.925	1402.936	1764.797
#3	1886.179	19205.97	1910.048	1407.141	1762.298

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5084-07DLX2 Acquired: 01/04/2025 2:16:14 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLX1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0131509	.0118100	.0725808	.0162386	.0222721	37.15878	.3293256
Stddev	.0049807	.0012002	.0019299	.0023758	.0026012	.07722	.0025541
%RSD	37.87331	10.16215	2.658920	14.63049	11.67917	.2078202	.7755573
#1	.0183875	.0129715	.0711028	.0187224	.0252470	37.22526	.3302478
#2	.0125921	.0118838	.0718755	.0160051	.0204263	37.07407	.3264384
#3	.0084732	.0105746	.0747641	.0139881	.0211429	37.17700	.3312905

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0038502	.0024747	630.1917	.0768064	.0938328	.1017311	110.7607
Stddev	.0003044	.0000506	1.5935	.0009144	.0003142	.0048121	.1563
%RSD	7.906916	2.045904	.2528598	1.190538	.3348481	4.730240	.1411418
#1	.0040022	.0024760	631.8427	.0776014	.0939911	.1065989	110.8948
#2	.0040487	.0025247	630.0699	.0770106	.0940364	.1016176	110.7982
#3	.0034997	.0024235	628.6626	.0758071	.0934710	.0969767	110.5890

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.626103	69.50380	.1256791	-.010291	.7224180	.0712220	.2191939
Stddev	.006092	.16965	.0013800	.000862	.0080651	.0051822	.0019820
%RSD	.0919459	.2440895	1.098054	8.372553	1.116403	7.276121	.9042202
#1	6.632819	69.55796	.1261086	-.010396	.7156187	.0652464	.2214118
#2	6.620930	69.31368	.1241354	-.011094	.7203065	.0739357	.2185738
#3	6.624562	69.63976	.1267934	-.009381	.7313288	.0744838	.2175961

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.058304	3.907698	-.177577	.0069141	.4932676	6.037923	.0070425
Stddev	.112355	.013748	.004467	.0009450	.0031676	.065536	.0022760
%RSD	1.394277	.3518269	2.515748	13.66776	.6421605	1.085403	32.31854
#1	8.012420	3.920964	-.176243	.0080053	.4906808	6.074679	.0095049
#2	7.976153	3.893514	-.182560	.0063574	.4923215	6.076831	.0066068
#3	8.186340	3.908615	-.173929	.0063798	.4968004	5.962259	.0050158

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5084-07DLX2 Acquired: 01/04/2025 2:16:14 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLX1 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.7228457	.4287217	.0888789
Stddev	.0024455	.0005936	.0046190
%RSD	.3383187	.1384675	5.196976
#1	.7234276	.4286497	.0853297
#2	.7249478	.4281673	.0872056
#3	.7201617	.4293480	.0941013

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1908.329	19528.22	1936.321	1420.459	1754.912
Stddev	3.084	135.18	9.240	7.206	4.478
%RSD	.1615897	.6922222	.4771861	.5072706	.2551769
#1	1905.129	19593.15	1930.822	1420.616	1749.791
#2	1911.282	19618.69	1931.153	1427.584	1756.850
#3	1908.575	19372.83	1946.989	1413.176	1758.094

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5084-08DLX5 Acquired: 01/04/2025 2:20:05 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLX2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000929	.0204592	.0318586	-.005503	.0068961	13.41024	.0939608
Stddev	.0043948	.0031694	.0023395	.005172	.0037742	.03934	.0000734
%RSD	4728.965	15.49145	7.343353	93.98496	54.72874	.2933776	.0781219
#1	.0051655	.0204923	.0338680	-.000633	.0028011	13.36489	.0940444
#2	-.002318	.0172733	.0324175	-.010932	.0076524	13.43522	.0939309
#3	-.002569	.0236119	.0292902	-.004945	.0102348	13.43062	.0939070

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0014217	.0006222	221.1467	.0267072	.0500923	.0631979	40.16863
Stddev	.0000707	.0000950	.7756	.0001864	.0004138	.0085510	.07378
%RSD	4.973443	15.27412	.3507277	.6977818	.8260231	13.53056	.1836706
#1	.0013738	.0006709	222.0248	.0266505	.0504824	.0541959	40.20655
#2	.0015030	.0006830	220.5550	.0265558	.0501361	.0712122	40.08360
#3	.0013885	.0005127	220.8603	.0269154	.0496584	.0641854	40.21574

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.991814	29.84255	.0317391	-.002010	.2747174	.0299711	.0844649
Stddev	.008748	.04135	.0004300	.000669	.0137150	.0097134	.0006744
%RSD	.4392199	.1385759	1.354914	33.30106	4.992409	32.40920	.7984643
#1	2.000822	29.80582	.0315348	-.001434	.2651175	.0388350	.0836867
#2	1.983350	29.88734	.0322332	-.001851	.2686093	.0195874	.0848286
#3	1.991269	29.83448	.0314492	-.002744	.2904252	.0314909	.0848794

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.721876	1.742782	-.072354	.0069093	.1719566	2.363256	-.008741
Stddev	.183721	.004273	.003174	.0008654	.0022592	.022749	.001849
%RSD	6.749794	.2451987	4.386613	12.52566	1.313833	.9626126	21.15718
#1	2.594586	1.742829	-.073118	.0065650	.1722543	2.353773	-.006797
#2	2.638547	1.747032	-.075077	.0078939	.1740522	2.389212	-.010478
#3	2.932495	1.738485	-.068868	.0062691	.1695633	2.346782	-.008948

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5084-08DLX5 Acquired: 01/04/2025 2:20:05 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLX2 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.3160725	.1895239	.0226257
Stddev	.0057505	.0011669	.0031868
%RSD	1.819359	.6156767	14.08500
#1	.3188672	.1906475	.0258701
#2	.3094588	.1883181	.0194998
#3	.3198915	.1896060	.0225073

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1861.066	18895.09	1837.388	1381.779	1898.471
Stddev	6.705	15.28	13.776	2.829	7.223
%RSD	.3603036	.0808716	.7497733	.2047247	.3804798
#1	1856.016	18877.62	1840.892	1379.115	1895.206
#2	1858.509	18901.72	1822.198	1381.474	1893.456
#3	1868.674	18905.94	1849.074	1384.748	1906.750

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5084-18DLX2 Acquired: 01/04/2025 2:24:01 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHM32 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0366193	.0132910	.1507564	.0105521	.0136434	31.39467	.2985881
Stddev	.0016620	.0048678	.0044125	.0037968	.0035619	.33448	.0039711
%RSD	4.538702	36.62453	2.926906	35.98179	26.10665	1.065418	1.329965
#1	.0369039	.0128882	.1456706	.0077663	.0149001	31.76920	.3003092
#2	.0381206	.0183477	.1530336	.0148768	.0096236	31.12571	.2940467
#3	.0348333	.0086372	.1535651	.0090132	.0164066	31.28911	.3014083

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0033550	.0023907	583.7893	.0632873	.0875558	.1475810	98.00113
Stddev	.0001434	.0000591	1.7777	.0007916	.0006109	.0081244	.52436
%RSD	4.274699	2.471793	.3045027	1.250747	.6977736	5.505057	.5350515
#1	.0032039	.0023982	585.8420	.0637949	.0878783	.1540727	98.54677
#2	.0033717	.0023282	582.7615	.0636918	.0879379	.1384700	97.50102
#3	.0034893	.0024457	582.7645	.0623753	.0868511	.1502002	97.95561

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.439747	63.66725	.1028697	-.009405	.6788700	.0726579	.2674334
Stddev	.033166	.37726	.0014422	.000997	.0389111	.0100455	.0007489
%RSD	.6097014	.5925445	1.402008	10.59616	5.731743	13.82574	.2800218
#1	5.474917	63.89310	.1037753	-.010508	.6384258	.0841839	.2666373
#2	5.409036	63.23173	.1012065	-.009141	.7160412	.0680239	.2681238
#3	5.435287	63.87691	.1036272	-.008567	.6821428	.0657658	.2675392

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.208623	4.646048	-.161963	.0071868	.6504694	5.291294	.0018246
Stddev	.295003	.000669	.002440	.0013927	.0079621	.003781	.0022970
%RSD	4.751512	.0143926	1.506748	19.37804	1.224048	.0714624	125.8893
#1	6.439167	4.645282	-.160162	.0059926	.6480286	5.295618	.0039538
#2	6.310524	4.646342	-.160987	.0068512	.6593661	5.288609	-.000610
#3	5.876178	4.646519	-.164741	.0087166	.6440135	5.289654	.002130

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5084-18DLX2 Acquired: 01/04/2025 2:24:01 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHM32 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.4298260	.4761172	.0696361
Stddev	.0070111	.0037166	.0029632
%RSD	1.631141	.7806040	4.255260
#1	.4355700	.4804045	.0663755
#2	.4220133	.4741401	.0703681
#3	.4318945	.4738071	.0721646

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1896.703	19378.79	1923.521	1415.474	1760.311
Stddev	2.942	154.85	15.474	8.019	1.707
%RSD	.1551025	.7990952	.8044588	.5665401	.0969963
#1	1898.497	19217.75	1906.401	1408.648	1760.612
#2	1893.308	19526.61	1936.511	1424.306	1758.474
#3	1898.304	19392.02	1927.652	1413.469	1761.848

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: CCV109 Acquired: 01/04/2025 2:27:52 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV109 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.943924	4.918765	25.03191	4.927135	4.957909	411.7450	10.19297
Stddev	.009176	.018452	.02645	.008489	.016670	1.7190	.06701
%RSD	.1856041	.3751374	.1056696	.1722867	.3362295	.4174922	.6574555
#1	4.942336	4.911996	25.02262	4.917439	4.938673	413.4145	10.24571
#2	4.935646	4.904653	25.01136	4.930740	4.966934	409.9804	10.11756
#3	4.953791	4.939645	25.06176	4.933227	4.968122	411.8402	10.21565

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5219263	2.517306	411.2567	15.78485	2.549512	15.51866	417.3956
Stddev	.0049868	.002968	2.3836	.05175	.003212	.07813	2.4841
%RSD	.9554685	.1178840	.5795894	.3278390	.1259680	.5034369	.5951440
#1	.5273589	2.515877	412.9648	15.78069	2.546776	15.59098	419.3773
#2	.5175566	2.515324	408.5336	15.73531	2.548711	15.43580	414.6088
#3	.5208635	2.520718	412.2718	15.83855	2.553048	15.52920	418.2007

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.45350	418.6681	2.536470	1.261636	431.7587	2.586279	15.02152
Stddev	.07221	2.4881	.004142	.001357	1.5509	.041242	.06007
%RSD	.4672664	.5942947	.1632854	.1075597	.3592047	1.594663	.3998801
#1	15.50132	419.9038	2.531980	1.262658	433.5440	2.615119	15.04662
#2	15.37043	415.8040	2.537290	1.260096	430.7447	2.539040	14.95297
#3	15.48873	420.2965	2.540140	1.262153	430.9872	2.604680	15.06496

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	152.7419	5.051940	4.580884	4.967104	4.980198	5.140287	5.072625
Stddev	.9147	.016710	.046722	.018099	.023292	.045746	.007332
%RSD	.5988847	.3307716	1.019930	.3643708	.4676831	.8899563	.1445449
#1	153.2141	5.033226	4.605626	4.948389	4.968696	5.180140	5.068649
#2	151.6875	5.057226	4.526995	4.968406	4.964896	5.090335	5.068139
#3	153.3239	5.065369	4.610032	4.984516	5.007003	5.150385	5.081086

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: CCV109 Acquired: 01/04/2025 2:27:52 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV109 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	5.152857	4.872593	4.879240
Stddev	.038314	.023172	.032998
%RSD	.7435457	.4755658	.6762845
#1	5.189030	4.893977	4.898183
#2	5.112712	4.847973	4.841138
#3	5.156831	4.875831	4.898398

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1498.646	16259.37	1654.463	1112.037	1614.149
Stddev	4.559	48.88	10.118	2.027	2.232
%RSD	.3041959	.3006339	.6115472	.1822366	.1382476
#1	1503.889	16305.97	1644.843	1113.341	1616.431
#2	1495.615	16263.66	1665.014	1113.067	1611.972
#3	1496.434	16208.49	1653.530	1109.702	1614.043

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: CCB109 Acquired: 01/04/2025 2:31:37 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB109 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0052237	.0006778	.0018156	.0056040	-.002142	.0657738	-.000425
Stddev	.0046000	.0026378	.0044961	.0056169	.002809	.0328987	.002601
%RSD	88.06017	389.1788	247.6382	100.2296	131.1525	50.01800	611.8747
#1	.0099033	.0036414	.0069716	.0115274	-.004891	.0491405	-.000710
#2	.0050602	-.001413	-.000237	.0049303	-.002257	.0445130	.002307
#3	.0007076	-.000195	-.001288	.0003544	.000723	.1036680	-.002871

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000068	-.000002	-.099664	.0000071	-.000099	-.015298	-.019155
Stddev	.000253	.000073	.039865	.0011728	.000457	.011583	.043174
%RSD	371.2863	4683.135	39.99924	16518.06	461.1433	75.71803	225.3958
#1	-.000194	-.000085	-.128687	.0011640	.000371	-.002076	.010625
#2	-.000234	.000050	-.054210	.0000381	-.000542	-.023659	-.068668
#3	.000224	.000031	-.116095	-.001181	-.000127	-.020157	.000579

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0023734	-.144779	-.000698	.0009500	.1383779	-.002269	-.000031
Stddev	.0019788	.078184	.000670	.0015277	.0251482	.008430	.000250
%RSD	83.37398	54.00219	95.92252	160.8161	18.17354	371.5474	803.9492
#1	.0001061	-.221266	-.001457	.0013775	.1621179	-.008884	-.000173
#2	.0037522	-.065002	-.000445	.0022184	.1120255	.007223	-.000177
#3	.0032621	-.148071	-.000192	-.000746	.1409904	-.005146	.000257

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2617495	-.000401	.0051023	.0006496	-.011464	-.001465	.0006529
Stddev	.1170810	.002897	.0019418	.0004627	.003602	.000477	.0017397
%RSD	44.73017	721.7965	38.05677	71.22172	31.42078	32.57730	266.4701
#1	.2536759	.002856	.0071898	.0001591	-.014010	-.001926	.0006762
#2	.1489143	-.002690	.0033499	.0010782	-.007343	-.001497	.0023808
#3	.3826583	-.001371	.0047671	.0007115	-.013040	-.000973	-.001098

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: CCB109 Acquired: 01/04/2025 2:31:37 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB109 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	-.007910	-.000104	-.000411
Stddev	.003719	.000341	.004214
%RSD	47.01326	328.7156	1025.825
#1	-.011227	.000284	-.005234
#2	-.008614	-.000238	.002556
#3	-.003890	-.000357	.001446

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1833.856	18497.47	1787.589	1359.318	2034.621
Stddev	2.802	117.91	6.651	9.793	3.320
%RSD	.1527773	.6374321	.3720462	.7204623	.1631601
#1	1836.765	18501.97	1782.147	1360.933	2038.340
#2	1833.626	18377.37	1785.618	1348.818	2031.957
#3	1831.176	18613.06	1795.003	1368.204	2033.565

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5083-14DLX2 Acquired: 01/04/2025 2:35:38 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLM3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0367130	.0157157	.1465466	.0109188	.0170240	28.61047	.2785085
Stddev	.0048163	.0028497	.0018091	.0059771	.0023070	.22715	.0052111
%RSD	13.11880	18.13290	1.234506	54.74128	13.55125	.7939383	1.871074
#1	.0317452	.0129670	.1455308	.0133457	.0173505	28.86814	.2845258
#2	.0413619	.0186567	.1486353	.0153007	.0191503	28.43919	.2755115
#3	.0370319	.0155235	.1454737	.0041100	.0145712	28.52406	.2754883

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0029154	.0017260	496.7320	.0463212	.0758402	.1352774	82.63332
Stddev	.0000763	.0000939	2.2201	.0005339	.0003941	.0061448	.35904
%RSD	2.618961	5.440788	.4469379	1.152660	.5196781	4.542403	.4344993
#1	.0029756	.0017104	499.1010	.0457338	.0758508	.1376306	83.04196
#2	.0029411	.0016409	494.6991	.0464525	.0762290	.1398978	82.36842
#3	.0028295	.0018268	496.3959	.0467772	.0754409	.1283037	82.48959

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.835829	58.96840	.0667380	-.006065	.6442474	.0614444	.2827419
Stddev	.030869	.65167	.0004312	.000708	.0132835	.0116310	.0011817
%RSD	.6383391	1.105122	.6461022	11.67548	2.061870	18.92926	.4179477
#1	4.871239	59.71501	.0662704	-.005508	.6566617	.0667806	.2821441
#2	4.814584	58.51385	.0668234	-.005826	.6458418	.0694497	.2841031
#3	4.821665	58.67632	.0671200	-.006862	.6302385	.0481028	.2819786

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.585057	2.650619	-.120358	.0058341	.7919705	4.854670	.0017982
Stddev	.122945	.007734	.001525	.0005738	.0013379	.054312	.0021175
%RSD	2.681420	.2917637	1.266718	9.836095	.1689360	1.118763	117.7545
#1	4.697307	2.643136	-.118823	.0054757	.7934993	4.910647	.0009915
#2	4.604201	2.658581	-.121872	.0064959	.7913993	4.802192	.0042005
#3	4.453664	2.650140	-.120381	.0055306	.7910131	4.851171	.0002027

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5083-14DLX2 Acquired: 01/04/2025 2:35:38 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLM3 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.2544852	.4375203	.0527102
Stddev	.0039361	.0023107	.0035127
%RSD	1.546695	.5281284	6.664073
#1	.2548469	.4401865	.0487147
#2	.2503807	.4362750	.0553128
#3	.2582280	.4360993	.0541032

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1894.880	19297.24	1923.790	1415.370	1781.759
Stddev	7.800	134.32	32.382	6.755	6.608
%RSD	.4116333	.6960350	1.683262	.4772892	.3708434
#1	1903.763	19142.26	1887.663	1411.796	1789.255
#2	1891.724	19369.49	1950.204	1411.152	1779.242
#3	1889.151	19379.96	1933.504	1423.161	1776.780

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5083-15DLX4 Acquired: 01/04/2025 2:39:28 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLM4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0172612	.0267003	.0867461	-.016861	.0047385	13.49014	.1605794
Stddev	.0030804	.0016286	.0021599	.007689	.0030664	.01833	.0006964
%RSD	17.84563	6.099591	2.489899	45.60152	64.71308	.1358873	.4336570
#1	.0208157	.0249317	.0855465	-.008736	.0060999	13.51082	.1604144
#2	.0153683	.0270312	.0892396	-.017824	.0068885	13.47589	.1599804
#3	.0155998	.0281381	.0854523	-.024022	.0012271	13.48370	.1613435

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0016986	.0005301	493.9759	.0226194	.0535498	.0382119	40.84920
Stddev	.0001284	.0000923	.4986	.0007759	.0007772	.0057968	.19459
%RSD	7.556176	17.40600	.1009371	3.430436	1.451293	15.17006	.4763588
#1	.0015578	.0005525	493.4390	.0232752	.0527049	.0413776	40.63060
#2	.0018090	.0004287	494.4244	.0228202	.0537101	.0417365	41.00350
#3	.0017290	.0006092	494.0643	.0217628	.0542343	.0315216	40.91349

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.938895	17.26184	.0272837	-.002541	.6727118	.0292621	.0686400
Stddev	.006671	.05820	.0009750	.000727	.0156757	.0036954	.0012347
%RSD	.3440466	.3371348	3.573665	28.59670	2.330219	12.62863	1.798792
#1	1.944259	17.20713	.0275457	-.001734	.6704883	.0272865	.0696397
#2	1.940999	17.25542	.0281009	-.003144	.6582667	.0335253	.0672599
#3	1.931425	17.32298	.0262044	-.002745	.6893805	.0269744	.0690205

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.553496	1.544818	-.052608	.0058508	.6245024	2.575627	-.002746
Stddev	.076043	.007383	.001729	.0011914	.0043043	.015191	.002257
%RSD	2.978013	.4779266	3.285778	20.36309	.6892434	.5897962	82.18708
#1	2.513411	1.553108	-.050928	.0049764	.6284585	2.564197	-.004431
#2	2.641195	1.538952	-.054381	.0072078	.6199187	2.592865	-.003625
#3	2.505881	1.542392	-.052516	.0053683	.6251301	2.569820	-.000182

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5083-15DLX4 Acquired: 01/04/2025 2:39:28 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLM4 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.0277690	.8363781	.0205029
Stddev	.0059692	.0020101	.0022322
%RSD	21.49593	.2403320	10.88704
#1	.0234961	.8340626	.0221785
#2	.0252217	.8373971	.0179690
#3	.0345893	.8376746	.0213612

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1816.938	18567.16	1830.721	1360.825	1835.293
Stddev	3.681	100.88	2.353	13.671	5.124
%RSD	.2025819	.5433186	.1285332	1.004620	.2792127
#1	1813.175	18489.85	1831.394	1350.285	1830.026
#2	1817.108	18681.28	1828.104	1376.272	1835.593
#3	1820.531	18530.36	1832.664	1355.917	1840.262

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5083-16DLX4 Acquired: 01/04/2025 2:43:23 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLM5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0094162	.0235669	.0721695	-.019909	.0055295	16.98477	.1750792
Stddev	.0029989	.0034732	.0033760	.006174	.0022545	.15021	.0037976
%RSD	31.84832	14.73781	4.677912	31.01144	40.77253	.8843627	2.169058
#1	.0104479	.0259855	.0718375	-.016286	.0079506	17.15819	.1722613
#2	.0117630	.0251281	.0689718	-.016403	.0034903	16.89549	.1735785
#3	.0060376	.0195870	.0756993	-.027038	.0051476	16.90064	.1793978

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0017068	.0005844	510.5024	.0250821	.0625509	.0508496	42.77462
Stddev	.0001532	.0001009	.3831	.0003208	.0004410	.0051352	.20240
%RSD	8.976873	17.26210	.0750411	1.278980	.7049956	10.09881	.4731683
#1	.0018640	.0006720	510.9172	.0254524	.0620804	.0507698	42.99971
#2	.0015579	.0004741	510.4282	.0248901	.0629548	.0457547	42.71652
#3	.0016985	.0006073	510.1619	.0249037	.0626176	.0560242	42.60763

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.086842	27.64341	.0388614	-.003146	.6000405	.0445611	.1199036
Stddev	.011251	.04745	.0006828	.001027	.0122399	.0091687	.0008588
%RSD	.3644946	.1716326	1.757029	32.64860	2.039839	20.57548	.7162033
#1	3.099767	27.63673	.0381862	-.003277	.6015253	.0540306	.1199599
#2	3.081515	27.59966	.0395516	-.004102	.6114702	.0439264	.1207328
#3	3.079242	27.69384	.0388463	-.002060	.5871259	.0357263	.1190181

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.681712	1.550121	-.057008	.0066602	.4006673	2.817918	-.003307
Stddev	.068618	.004067	.001466	.0001356	.0029210	.003532	.002547
%RSD	1.863761	.2623494	2.572269	2.035856	.7290402	.1253284	77.01714
#1	3.725381	1.545899	-.055486	.0068165	.4006354	2.821973	-.000625
#2	3.602622	1.550453	-.057125	.0065907	.3977623	2.816263	-.003603
#3	3.717133	1.554012	-.058412	.0065735	.4036041	2.815517	-.005693

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5083-16DLX4 Acquired: 01/04/2025 2:43:23 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLM5 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.0951814	.5753451	.0267195
Stddev	.0068825	.0035205	.0011472
%RSD	7.230962	.6118851	4.293527
#1	.0901587	.5792433	.0280072
#2	.0923590	.5723977	.0258063
#3	.1030265	.5743943	.0263451

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1806.715	18406.07	1811.884	1349.421	1815.570
Stddev	7.489	82.92	3.721	7.833	6.585
%RSD	.4145354	.4505202	.2053785	.5804565	.3626712
#1	1800.980	18356.20	1808.996	1345.970	1809.765
#2	1815.188	18360.23	1810.573	1343.906	1822.725
#3	1803.976	18501.80	1816.083	1358.387	1814.220

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5092-09DLX4 Acquired: 01/04/2025 2:47:17 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLP6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0128919	.0283098	.0853275	-.019247	.0021702	13.80145	.3370489
Stddev	.0014069	.0021868	.0022360	.004022	.0036417	.01869	.0015530
%RSD	10.91332	7.724680	2.620551	20.89664	167.8079	.1354232	.4607681
#1	.0118916	.0308264	.0866693	-.022554	.0026076	13.78441	.3371236
#2	.0122835	.0272310	.0827462	-.020417	-.001670	13.82144	.3354598
#3	.0145007	.0268720	.0865670	-.014770	.005573	13.79850	.3385632

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0013764	.0007167	405.3595	.0214172	.0563856	.0329354	35.87812
Stddev	.0002613	.0000775	1.2971	.0002511	.0008416	.0061098	.13848
%RSD	18.98510	10.81106	.3199814	1.172495	1.492557	18.55096	.3859686
#1	.0015649	.0008058	406.6845	.0216339	.0554406	.0399904	36.00804
#2	.0014862	.0006653	405.3019	.0211420	.0566622	.0293904	35.73243
#3	.0010781	.0006789	404.0922	.0214759	.0570541	.0294254	35.89387

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.451856	20.97238	.0345475	-.002126	.4479326	.0169883	.1085342
Stddev	.008869	.15928	.0012994	.001323	.0041361	.0154195	.0006341
%RSD	.2569366	.7594595	3.761136	62.20031	.9233792	90.76558	.5842793
#1	3.450106	21.08130	.0336258	-.001332	.4524149	.0347888	.1088274
#2	3.461469	21.04626	.0360337	-.003653	.4471197	.0077464	.1078066
#3	3.443992	20.78958	.0339831	-.001394	.4442634	.0084295	.1089688

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.066664	.7857185	-.040568	.0073246	.6097651	2.164382	-.005381
Stddev	.233127	.0041068	.002055	.0003367	.0029668	.010063	.000928
%RSD	7.601988	.5226853	5.065586	4.596279	.4865437	.4649338	17.24924
#1	2.961594	.7825897	-.039774	.0074513	.6118420	2.174327	-.005288
#2	3.333836	.7903690	-.039029	.0075795	.6110861	2.154205	-.004504
#3	2.904564	.7841967	-.042902	.0069430	.6063673	2.164614	-.006353

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5092-09DLX4 Acquired: 01/04/2025 2:47:17 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLP6 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.0343923	.3951492	.0198678
Stddev	.0021403	.0002975	.0041479
%RSD	6.223267	.0752843	20.87760
#1	.0321442	.3948965	.0184101
#2	.0364055	.3954771	.0245478
#3	.0346271	.3950740	.0166455

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1819.063	18395.15	1818.042	1354.710	1853.925
Stddev	3.358	80.70	7.280	7.897	2.594
%RSD	.1846223	.4387109	.4004453	.5829200	.1399139
#1	1822.934	18482.56	1811.695	1359.256	1856.680
#2	1816.921	18323.47	1816.442	1345.591	1853.566
#3	1817.334	18379.41	1825.990	1359.282	1851.530

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5092-16DLX2 Acquired: 01/04/2025 2:51:12 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLT7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0424847	.0147332	.9317271	-.002555	.0156155	26.47449	.6709972
Stddev	.0030213	.0002320	.0017115	.002515	.0008414	.03568	.0056492
%RSD	7.111551	1.574450	.1836931	98.42436	5.388563	.1347825	.8419121
#1	.0414184	.0149877	.9332737	-.002209	.0165871	26.47357	.6760376
#2	.0401411	.0146782	.9298883	-.000231	.0151328	26.43928	.6720630
#3	.0458946	.0145337	.9320195	-.005225	.0151266	26.51063	.6648910

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0030591	.0035296	629.9576	.0680227	.0764714	.1534528	80.36994
Stddev	.0001341	.0000073	.3132	.0004832	.0007984	.0011425	.07132
%RSD	4.383872	.2053407	.0497113	.7104164	1.044042	.7445012	.0887404
#1	.0029382	.0035287	630.2898	.0684716	.0761675	.1539211	80.42056
#2	.0030359	.0035373	629.9152	.0675112	.0758696	.1521506	80.40088
#3	.0032033	.0035228	629.6677	.0680854	.0773771	.1542868	80.28837

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.680739	101.0485	.0796511	-.005406	.8781666	.0723783	.7993556
Stddev	.009120	.2079	.0009395	.000917	.0087715	.0032422	.0047258
%RSD	.1948438	.2057895	1.179575	16.96994	.9988421	4.479503	.5911985
#1	4.680196	100.8985	.0793155	-.005699	.8830284	.0707879	.8047258
#2	4.690118	101.2859	.0807124	-.006141	.8834306	.0702383	.7958315
#3	4.671902	100.9612	.0789254	-.004378	.8680408	.0761085	.7975097

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.194215	6.753627	-.127065	.0087660	1.754186	5.158088	.0509520
Stddev	.147986	.023551	.006289	.0012563	.010509	.036960	.0025181
%RSD	3.528341	.3487169	4.949058	14.33143	.5990947	.7165473	4.942089
#1	4.297553	6.748641	-.133649	.0078363	1.765772	5.200147	.0486996
#2	4.024687	6.732968	-.126423	.0101952	1.745268	5.130786	.0504857
#3	4.260406	6.779272	-.121121	.0082664	1.751517	5.143330	.0536706

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5092-16DLX2 Acquired: 01/04/2025 2:51:12 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLT7 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.4134303	.4915902	.0417402
Stddev	.0043253	.0016580	.0025178
%RSD	1.046201	.3372808	6.032011
#1	.4123308	.4911857	.0442355
#2	.4181993	.4934131	.0417847
#3	.4097609	.4901718	.0392005

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1828.686	18641.29	1851.756	1354.948	1738.423
Stddev	2.200	75.24	4.386	4.946	2.841
%RSD	.1202839	.4036150	.2368768	.3650581	.1634049
#1	1827.446	18727.49	1847.389	1355.011	1736.134
#2	1831.226	18588.83	1851.718	1349.970	1741.602
#3	1827.386	18607.54	1856.162	1359.862	1737.532

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5130-15 Acquired: 01/04/2025 2:55:02 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHMH5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1414501	-.027483	5.008409	.1113629	.0504482	59.66435
Stddev	.0020652	.003483	.010151	.0039674	.0026522	.43846
%RSD	1.460034	12.67499	.2026747	3.562583	5.257186	.7348734
#1	.1426781	-.026445	5.019902	.1149740	.0528327	60.11378
#2	.1390657	-.024637	5.004658	.1071160	.0509202	59.23776
#3	.1426064	-.031367	5.000668	.1119987	.0475918	59.64151

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.292012	.0059577	.0163770	135.4270	.1519720	.1331187
Stddev	.017792	.0000757	.0002230	.1529	.0005026	.0002264
%RSD	.5404647	1.270237	1.361562	.1129373	.3307030	.1700785
#1	3.276392	.0058932	.0161204	135.5914	.1525149	.1331800
#2	3.311379	.0059389	.0164867	135.4008	.1518779	.1328679
#3	3.288265	.0060410	.0165239	135.2889	.1515231	.1333081

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5801397	227.3338	16.34279	40.69461	.1715213	-.016137
Stddev	.0119232	1.4300	.09676	.21224	.0009202	.000683
%RSD	2.055226	.6290309	.5920751	.5215349	.5364867	4.234418
#1	.5881895	228.9466	16.45445	40.92900	.1725705	-.016915
#2	.5857876	226.8341	16.29038	40.63936	.1711418	-.015861
#3	.5664420	226.2207	16.28354	40.51545	.1708515	-.015634

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8248728	.1616333	5.564655	7.035384	F 28.28203	-.421883
Stddev	.0147735	.0022299	.008837	.136475	.01914	.004511
%RSD	1.791001	1.379601	.1588116	1.939842	.0676733	1.069246
#1	.8109753	.1641486	5.572118	7.103990	28.27553	-.420746
#2	.8403890	.1608523	5.566951	7.123944	28.26698	-.418049
#3	.8232542	.1598989	5.554896	6.878217	28.30357	-.426853

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5130-15 Acquired: 01/04/2025 2:55:02 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHMH5 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0171274	7.124567	7.198200	.7161384	.9103026	.2361071
Stddev	.0008607	.010013	.022659	.0027284	.0024450	.0016062
%RSD	5.025426	.1405383	.3147915	.3809890	.2685914	.6802959
#1	.0170998	7.134688	7.219178	.7130436	.9091348	.2379500
#2	.0162807	7.114666	7.174169	.7181964	.9086606	.2350046
#3	.0180015	7.124348	7.201252	.7171753	.9131126	.2353666

Elem	Li6707
Units	ppm
Avg	.0749341
Stddev	.0016900
%RSD	2.255308
#1	.0744859
#2	.0735134
#3	.0768030

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2106.993	21365.52	2104.523	1565.764	1857.439
Stddev	3.457	91.31	8.203	7.478	3.603
%RSD	.1640660	.4273782	.3897604	.4776033	.1939768
#1	2110.969	21292.76	2095.685	1560.904	1860.526
#2	2104.696	21335.81	2105.993	1562.013	1858.311
#3	2105.315	21467.98	2111.891	1574.376	1853.480

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5130-16 Acquired: 01/04/2025 2:58:48 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHMH5D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1306761	-.026934	4.990568	.1169278	.0486285	60.08481
Stddev	.0030841	.001751	.008591	.0136946	.0010835	.26905
%RSD	2.360106	6.502144	.1721520	11.71205	2.228054	.4477765
#1	.1342308	-.024953	4.984550	.1327156	.0486949	59.81308
#2	.1290849	-.027573	4.986747	.1098098	.0496773	60.09026
#3	.1287126	-.028276	5.000407	.1082580	.0475134	60.35109

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.294776	.0059416	.0161348	135.6397	.1505778	.1329988
Stddev	.006626	.0000812	.0000634	.3189	.0011139	.0006526
%RSD	.2011122	1.366376	.3929661	.2351071	.7397649	.4906861
#1	3.289537	.0060307	.0160616	135.3214	.1514510	.1329300
#2	3.292567	.0058718	.0161725	135.6386	.1509591	.1323832
#3	3.302225	.0059223	.0161703	135.9591	.1493233	.1336830

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5764503	227.5835	16.41210	40.79906	.1715066	-.015474
Stddev	.0167133	.7181	.06443	.30836	.0009684	.000793
%RSD	2.899356	.3155305	.3925889	.7557910	.5646273	5.127411
#1	.5771047	226.9909	16.34225	40.50164	.1725870	-.014643
#2	.5594194	227.3776	16.42486	41.11730	.1712162	-.015553
#3	.5928268	228.3821	16.46920	40.77824	.1707167	-.016224

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8260291	.1642029	5.547545	7.265500	F 28.20418	-.430131
Stddev	.0069042	.0171203	.044571	.180158	.02698	.002935
%RSD	.8358338	10.42633	.8034360	2.479642	.0956450	.6823719
#1	.8180883	.1533462	5.502320	7.282911	28.17547	-.427191
#2	.8293863	.1839387	5.591432	7.436321	28.22900	-.433061
#3	.8306127	.1553237	5.548884	7.077268	28.20808	-.430140

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5130-16 Acquired: 01/04/2025 2:58:48 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHMH5D Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0174013	7.102141	7.321456	.7145536	.9128795	.2373879
Stddev	.0005572	.021145	.013140	.0023118	.0038936	.0013735
%RSD	3.202280	.2977326	.1794693	.3235304	.4265179	.5785832
#1	.0167578	7.108781	7.310733	.7172113	.9108999	.2359438
#2	.0177215	7.078473	7.317522	.7130086	.9103733	.2375422
#3	.0177245	7.119169	7.336114	.7134408	.9173651	.2386778

Elem	Li6707
Units	ppm
Avg	.0732691
Stddev	.0025643
%RSD	3.499788
#1	.0723489
#2	.0712918
#3	.0761664

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2117.487	21581.81	2099.267	1585.545	1870.764
Stddev	6.668	127.69	8.273	17.979	5.801
%RSD	.3148885	.5916342	.3940743	1.133948	.3100756
#1	2124.531	21642.15	2107.868	1602.488	1877.458
#2	2111.273	21435.14	2091.367	1566.683	1867.217
#3	2116.657	21668.15	2098.568	1587.463	1867.616

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5130-15LX5 Acquired: 01/04/2025 3:02:34 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHMH5L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0320775	-.002456	1.006520	.0218371	.0104906	14.04900	.7693796
Stddev	.0029585	.002093	.004039	.0054629	.0030782	.05478	.0047523
%RSD	9.223103	85.21879	.4012484	25.01678	29.34271	.3899288	.6176855
#1	.0327976	-.004870	1.002102	.0271582	.0127273	14.07567	.7747692
#2	.0346094	-.001175	1.007438	.0162426	.0117647	13.98600	.7657910
#3	.0288253	-.001321	1.010021	.0221104	.0069799	14.08535	.7675785

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0013474	.0030834	31.82430	.0354906	.0357130	.1303099	53.47003
Stddev	.0002030	.0000846	.06950	.0004145	.0004016	.0065195	.17873
%RSD	15.06746	2.744697	.2183891	1.167917	1.124465	5.003059	.3342547
#1	.0011243	.0029954	31.90454	.0353278	.0357604	.1259276	53.31938
#2	.0015213	.0030905	31.78275	.0351821	.0360887	.1378020	53.66751
#3	.0013966	.0031642	31.78562	.0359617	.0352898	.1272000	53.42320

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.877005	9.640129	.0306230	-.002897	.1848880	.0376852	1.335571
Stddev	.005728	.083029	.0006447	.001497	.0261564	.0075097	.005307
%RSD	.1477429	.8612869	2.105336	51.67224	14.14714	19.92749	.3973907
#1	3.881412	9.627073	.0313624	-.004066	.1550465	.0443716	1.339806
#2	3.879073	9.564402	.0301781	-.003416	.1957750	.0391237	1.337289
#3	3.870530	9.728913	.0303285	-.001210	.2038424	.0295603	1.329617

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.824557	5.679637	-.107107	.0053964	1.408983	1.777443	.1284998
Stddev	.106011	.015537	.001933	.0003981	.004835	.017626	.0003341
%RSD	5.810247	.2735587	1.804977	7.377953	.3431791	.9916385	.2599883
#1	1.897877	5.688174	-.109021	.0054995	1.406848	1.788379	.1284128
#2	1.703006	5.661703	-.105155	.0049568	1.405583	1.786841	.1288688
#3	1.872788	5.689033	-.107146	.0057329	1.414518	1.757110	.1282178

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5130-15LX5 Acquired: 01/04/2025 3:02:34 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHMH5L Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.2074165	.0552241	.0120734
Stddev	.0028329	.0003472	.0034942
%RSD	1.365820	.6286308	28.94153
#1	.2105640	.0549143	.0098406
#2	.2066142	.0555993	.0102794
#3	.2050712	.0551588	.0161003

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1884.076	19042.33	1850.759	1401.599	1989.431
Stddev	2.447	63.87	16.318	4.852	5.558
%RSD	.1298901	.3354282	.8816983	.3461410	.2793833
#1	1884.667	18985.38	1840.664	1396.881	1993.148
#2	1886.174	19111.39	1842.029	1401.341	1992.103
#3	1881.387	19030.23	1869.585	1406.574	1983.042

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5130-17 Acquired: 01/04/2025 3:06:26 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHMH5S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2081371	.0565114	4.971901	.2521171	.1960040	62.58250
Stddev	.0027632	.0036879	.001202	.0040996	.0035413	.53691
%RSD	1.327591	6.525888	.0241835	1.626077	1.806734	.8579178
#1	.2049839	.0546851	4.973265	.2490040	.1921083	63.18271
#2	.2092914	.0607561	4.971440	.2567621	.1968758	62.41684
#3	.2101360	.0540931	4.970997	.2505854	.1990280	62.14794

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.632518	.0907025	.1119298	134.4807	.5071557	1.129426
Stddev	.054074	.0004651	.0001562	1.1501	.0012506	.001144
%RSD	.8152849	.5127251	.1395604	.8552450	.2465889	.1012935
#1	6.694493	.0911378	.1118345	135.8032	.5085486	1.128268
#2	6.594949	.0902126	.1118448	133.9239	.5061294	1.129456
#3	6.608112	.0907571	.1121101	133.7149	.5067890	1.130555

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9784959	227.8052	17.10524	40.41469	1.179042	.0458825
Stddev	.0113228	1.6760	.13174	.42446	.000960	.0012933
%RSD	1.157164	.7357262	.7701483	1.050251	.0814402	2.818787
#1	.9897889	229.4835	17.24942	40.80011	1.179275	.0444186
#2	.9671435	227.8006	17.07517	40.48418	1.177987	.0463588
#3	.9785554	226.1314	16.99115	39.95978	1.179864	.0468702

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8293592	1.031488	6.266160	7.236639	F 27.82137	-.423658
Stddev	.0134103	.021105	.036965	.032786	.02917	.004967
%RSD	1.616952	2.046067	.5899084	.4530492	.1048568	1.172349
#1	.8419317	1.055389	6.300126	7.267438	27.79523	-.421788
#2	.8152444	1.023656	6.271564	7.202175	27.81604	-.419897
#3	.8309014	1.015419	6.226791	7.240303	27.85284	-.429288

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5130-17 Acquired: 01/04/2025 3:06:26 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHMH5S Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0172722	7.007776	7.367985	.7085824	.9118938	.2324532
Stddev	.0006521	.013280	.020540	.0012002	.0079494	.0023236
%RSD	3.775329	.1895074	.2787784	.1693869	.8717474	.9996164
#1	.0179732	7.006286	7.391578	.7095435	.9192047	.2349715
#2	.0166837	6.995304	7.354085	.7089667	.9034315	.2319957
#3	.0171597	7.021739	7.358292	.7072371	.9130452	.2303923

Elem	Li6707
Units	ppm
Avg	.0700933
Stddev	.0046283
%RSD	6.603051
#1	.0697189
#2	.0656635
#3	.0748974

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2117.816	21491.61	2107.363	1571.207	1878.215
Stddev	1.785	61.95	12.269	11.238	.856
%RSD	.0842705	.2882699	.5822141	.7152661	.0455822
#1	2116.406	21420.12	2095.228	1558.638	1877.415
#2	2119.823	21525.26	2119.762	1574.695	1879.118
#3	2117.221	21529.46	2107.098	1580.288	1878.110

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5335-03LX4 Acquired: 01/04/2025 3:10:11 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME2908 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0511505	-.065145	1.523845	.1726575	.0855670	11.50324	.2607747
Stddev	.0024198	.000634	.006169	.0022961	.0016878	.05819	.0026637
%RSD	4.730753	.9738471	.4048581	1.329887	1.972521	.5058560	1.021456
#1	.0485418	-.065873	1.529344	.1752598	.0872903	11.44811	.2590771
#2	.0515878	-.064708	1.517174	.1717957	.0839171	11.56407	.2594022
#3	.0533218	-.064855	1.525018	.1709169	.0854936	11.49755	.2638447

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0055444	.0094824	143.1032	.9567978	.0527894	.1040487	359.5824
Stddev	.0001581	.0000307	.3314	.0008536	.0007199	.0125748	.4965
%RSD	2.850913	.3231967	.2315760	.0892089	1.363746	12.08552	.1380725
#1	.0057139	.0094569	143.1569	.9573331	.0530300	.1110436	359.0810
#2	.0055182	.0094738	142.7483	.9558135	.0533583	.0895317	359.5923
#3	.0054011	.0095164	143.4045	.9572470	.0519800	.1115707	360.0738

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.30827	24.69108	.5313828	-.025655	.8781089	.1088488	4.172068
Stddev	.03984	.08367	.0012429	.000869	.0056175	.0118834	.015970
%RSD	.2602357	.3388626	.2338889	3.388329	.6397288	10.91732	.3827894
#1	15.33874	24.59709	.5318918	-.025055	.8718111	.0953774	4.154943
#2	15.26319	24.75745	.5299663	-.025259	.8826030	.1178441	4.186554
#3	15.32289	24.71871	.5322904	-.026652	.8799125	.1133249	4.174708

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.204158	1.278508	-.704130	.0249869	1.297241	3.983499	.0321652
Stddev	.086369	.003379	.001221	.0003023	.006020	.007017	.0002821
%RSD	7.172547	.2642556	.1733679	1.209901	.4640532	.1761390	.8770126
#1	1.111789	1.279900	-.705023	.0248328	1.304086	3.978941	.0322866
#2	1.217775	1.274656	-.704628	.0247926	1.292771	3.979975	.0318427
#3	1.282909	1.280969	-.702739	.0253352	1.294865	3.991578	.0323662

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5335-03LX4 Acquired: 01/04/2025 3:10:11 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME2908 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.6200799	-.188989	.0053225
Stddev	.0049932	.000939	.0027238
%RSD	.8052570	.4967920	51.17478
#1	.6190092	-.188406	.0037247
#2	.6255217	-.188489	.0084676
#3	.6157089	-.190072	.0037753

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1798.288	18333.37	1802.115	1344.755	1954.975
Stddev	.704	82.69	7.389	3.249	1.162
%RSD	.0391550	.4510382	.4100032	.2416187	.0594583
#1	1797.650	18239.47	1794.577	1341.292	1954.455
#2	1798.171	18365.34	1809.345	1345.236	1956.307
#3	1799.044	18395.31	1802.422	1347.737	1954.164

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5335-09LX4 Acquired: 01/04/2025 3:14:01 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME2912 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0430292	-.060012	.2995182	.1527066	.0685744	14.07522	.5133216
Stddev	.0027842	.002436	.0067999	.0103785	.0030501	.13254	.0039643
%RSD	6.470411	4.059146	2.270278	6.796359	4.447883	.9416501	.7722918
#1	.0451606	-.057200	.2949531	.1449546	.0699343	13.92975	.5088341
#2	.0440478	-.061476	.3073333	.1644973	.0707080	14.10678	.5163480
#3	.0398792	-.061361	.2962684	.1486678	.0650808	14.18914	.5147829

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0063182	.0010454	96.50392	.0685399	.0459853	-.004217	314.9925
Stddev	.0002768	.0001660	.38503	.0009892	.0003333	.003923	2.4608
%RSD	4.380529	15.87839	.3989751	1.443318	.7248657	93.04250	.7812267
#1	.0064761	.0009991	96.06144	.0691057	.0463052	-.000823	312.2302
#2	.0059986	.0012297	96.76262	.0691163	.0456400	-.008513	315.7971
#3	.0064798	.0009075	96.68770	.0673976	.0460106	-.003315	316.9504

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.015879	30.21548	.0609771	-.025968	.6550798	.0421484	.3507102
Stddev	.068213	.26675	.0011131	.001053	.0148354	.0079418	.0022368
%RSD	.7565866	.8828097	1.825408	4.056360	2.264663	18.84244	.6377792
#1	8.940961	29.99746	.0622623	-.027130	.6458866	.0428638	.3514014
#2	9.032279	30.13607	.0603218	-.025075	.6471583	.0497084	.3482094
#3	9.074397	30.51292	.0603472	-.025698	.6721944	.0338732	.3525198

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.779233	.7281097	-.629380	.0068069	1.298241	4.370170	.0124774
Stddev	.292130	.0023705	.006721	.0007462	.003967	.027242	.0023418
%RSD	16.41887	.3255692	1.067836	10.96205	.3055897	.6233555	18.76853
#1	1.443097	.7303712	-.635464	.0065026	1.294989	4.387518	.0140788
#2	1.922817	.7283145	-.622166	.0076571	1.302661	4.338772	.0097897
#3	1.971785	.7256435	-.630511	.0062610	1.297073	4.384220	.0135635

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5335-09LX4 Acquired: 01/04/2025 3:14:01 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME2912 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.4076217	-.173172	.0163993
Stddev	.0033003	.001404	.0035982
%RSD	.8096399	.8110448	21.94126
#1	.4066555	-.171550	.0202397
#2	.4049124	-.173978	.0158522
#3	.4112973	-.173988	.0131059

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1839.159	18594.66	1801.608	1369.392	1974.356
Stddev	3.028	33.15	8.962	2.280	1.539
%RSD	.1646418	.1782640	.4974423	.1665220	.0779329
#1	1842.201	18627.05	1799.547	1371.451	1972.863
#2	1839.131	18560.80	1811.421	1369.785	1974.268
#3	1836.145	18596.13	1793.857	1366.941	1975.937

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5335-11DLX2 Acquired: 01/04/2025 3:17:51 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME2914 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0810742	-.086043	2.048133	.2412579	.1121515	27.87405
Stddev	.0021206	.002697	.004421	.0054827	.0015004	.09275
%RSD	2.615614	3.134465	.2158449	2.272552	1.337817	.3327441
#1	.0814111	-.088778	2.052938	.2356847	.1124775	27.88559
#2	.0830061	-.083385	2.047225	.2466454	.1134621	27.96048
#3	.0788053	-.085967	2.044237	.2414437	.1105149	27.77606

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6545266	.0075127	.0103284	293.4114	1.463630	.0692244
Stddev	.0059468	.0003835	.0000987	2.6688	.005916	.0000420
%RSD	.9085621	5.104630	.9553279	.9095591	.4041681	.0607409
#1	.6569542	.0076066	.0103480	295.8997	1.456808	.0691919
#2	.6588755	.0078405	.0102214	293.7416	1.466761	.0692094
#3	.6477500	.0070909	.0104158	290.5930	1.467323	.0692719

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1663329	484.2227	F 32.67968	59.44688	.5540908	-.035883
Stddev	.0113011	1.8782	.16809	.28016	.0011427	.001692
%RSD	6.794243	.3878793	.5143659	.4712785	.2062304	4.716690
#1	.1777287	485.6465	32.81785	59.74860	.5541313	-.036488
#2	.1551290	484.9276	32.72865	59.39710	.5552127	-.033971
#3	.1661409	482.0940	32.49254	59.19495	.5529284	-.037189

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.358171	.2735721	3.441295	3.846489	3.201632	-.889781
Stddev	.028743	.0156011	.030119	.157114	.012040	.008616
%RSD	2.116282	5.702749	.8752332	4.084619	.3760522	.9683826
#1	1.390399	.2588122	3.407964	3.931068	3.204785	-.892586
#2	1.335192	.2898966	3.449361	3.665204	3.211781	-.896645
#3	1.348921	.2720075	3.466560	3.943195	3.188329	-.880111

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5335-11DLX2 Acquired: 01/04/2025 3:17:51 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME2914 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0375388	2.926700	7.856613	.0476159	1.707736	-.118781
Stddev	.0004982	.007892	.062180	.0004506	.017686	.000555
%RSD	1.327293	.2696673	.7914395	.9463362	1.035617	.4672813
#1	.0370813	2.934598	7.904213	.0481001	1.726259	-.118931
#2	.0374656	2.926688	7.879366	.0475390	1.705921	-.118166
#3	.0380697	2.918813	7.786262	.0472088	1.691028	-.119245

Elem	Li6707
Units	ppm
Avg	.0243705
Stddev	.0023958
%RSD	9.830909
#1	.0266098
#2	.0218440
#3	.0246577

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1814.339	18473.15	1824.670	1342.649	1919.838
Stddev	5.586	87.02	19.502	8.331	6.785
%RSD	.3078786	.4710788	1.068792	.6205241	.3533946
#1	1820.010	18560.81	1811.836	1352.255	1924.267
#2	1808.842	18386.78	1815.062	1337.385	1912.027
#3	1814.165	18471.85	1847.111	1338.307	1923.219

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5335-12DLX4 Acquired: 01/04/2025 3:21:38 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME2915 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0294383	-.028772	.9076991	.1361480	.1051522	56.89327
Stddev	.0065335	.003476	.0083381	.0076424	.0072404	1.60245
%RSD	22.19398	12.08005	.9185959	5.613277	6.885592	2.816587
#1	.0242033	-.026829	.9061015	.1273299	.0978036	55.10029
#2	.0367604	-.032785	.9167204	.1402638	.1122793	58.18567
#3	.0273512	-.026703	.9002754	.1408504	.1053738	57.39387

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4117365	.0032446	.0036069	238.2555	.8210751	.0483301
Stddev	.0092736	.0002441	.0001255	5.0460	.0074559	.0011871
%RSD	2.252321	7.524266	3.479499	2.117896	.9080700	2.456142
#1	.4010323	.0029647	.0036396	232.4899	.8126400	.0484220
#2	.4173449	.0033559	.0037127	241.8670	.8237999	.0494686
#3	.4168322	.0034132	.0034682	240.4095	.8267853	.0470998

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9577514	283.4947	F 33.86068	32.30402	.1916618	-.018969
Stddev	.0111011	7.0248	.83939	.68937	.0031547	.001843
%RSD	1.159081	2.477915	2.478955	2.134020	1.645982	9.714286
#1	.9449980	275.4884	32.92165	31.54420	.1932869	-.016911
#2	.9652452	288.6254	34.53815	32.88946	.1936726	-.020466
#3	.9630109	286.3702	34.12223	32.47841	.1880258	-.019530

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8509807	.2165541	1.300246	1.469918	2.083551	-.497507
Stddev	.0294972	.0087094	.008028	.116400	.029304	.016526
%RSD	3.466256	4.021832	.6174378	7.918802	1.406467	3.321716
#1	.8169894	.2187340	1.291114	1.589694	2.082805	-.484761
#2	.8698538	.2069617	1.303428	1.462842	2.113221	-.516179
#3	.8660990	.2239665	1.306195	1.357217	2.054626	-.491582

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5335-12DLX4 Acquired: 01/04/2025 3:21:38 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME2915 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0171987	1.438776	5.402372	.0173812	1.329409	-.048887
Stddev	.0006438	.019401	.152867	.0014320	.027183	.000551
%RSD	3.743421	1.348439	2.829619	8.238912	2.044734	1.127103
#1	.0170554	1.429702	5.246040	.0184740	1.299198	-.048365
#2	.0179021	1.461051	5.551520	.0157601	1.351887	-.048835
#3	.0166386	1.425575	5.409557	.0179097	1.337144	-.049463

Elem	Li6707
Units	ppm
Avg	.0265018
Stddev	.0037507
%RSD	14.15281
#1	.0301092
#2	.0267736
#3	.0226225

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1781.397	17951.36	1776.988	1315.737	1890.895
Stddev	14.434	104.90	44.354	5.881	18.792
%RSD	.8102703	.5843299	2.496045	.4469643	.9938029
#1	1782.050	18071.58	1822.499	1322.450	1889.303
#2	1766.648	17904.04	1733.889	1311.490	1872.950
#3	1795.494	17878.46	1774.576	1313.272	1910.433

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5335-14DLX2 Acquired: 01/04/2025 3:25:26 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME2917 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0463398	-.035214	1.122684	.1043558	.0577068	28.87823	.3120591
Stddev	.0015000	.010810	.011804	.0147255	.0042972	2.56260	.0288599
%RSD	3.236958	30.69687	1.051432	14.11086	7.446684	8.873828	9.248226
#1	.0447253	-.023011	1.109179	.0876826	.0538166	25.97555	.2790063
#2	.0476903	-.039045	1.131033	.1155808	.0569844	29.83181	.3249073
#3	.0466038	-.043586	1.127839	.1098041	.0623195	30.82734	.3322637

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0064351	.0077985	205.8177	.5152118	.0633325	.0925861	256.4493
Stddev	.0005246	.0005088	17.6970	.0055390	.0004847	.0148434	22.4518
%RSD	8.151951	6.524665	8.598374	1.075088	.7652993	16.03199	8.754868
#1	.0058331	.0083229	185.4803	.5189906	.0627729	.0773905	230.7756
#2	.0066784	.0077658	214.2618	.5088535	.0636049	.0933177	266.1665
#3	.0067939	.0073068	217.7110	.5177913	.0636197	.1070502	272.4057

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.90490	68.89400	.2464297	-.021291	.9670077	.1240557	2.507833
Stddev	.93902	6.15414	.0013718	.004188	.0605943	.0053871	.015891
%RSD	8.610981	8.932768	.5566625	19.66927	6.266163	4.342455	.6336413
#1	9.82770	61.83918	.2460596	-.025612	.8974475	.1178647	2.517957
#2	11.33627	71.68273	.2479486	-.017250	.9952527	.1276747	2.489518
#3	11.55072	73.16008	.2452810	-.021012	1.008323	.1266276	2.516024

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.842367	2.083995	-.494458	.0179433	2.491035	9.489591	.0205366
Stddev	.337815	.007132	.026810	.0002051	.006807	.621763	.0020276
%RSD	11.88498	.3422392	5.422006	1.142811	.2732654	6.552052	9.872905
#1	2.453784	2.075775	-.463999	.0177121	2.485592	8.782751	.0208238
#2	3.066179	2.087668	-.504896	.0180145	2.488846	9.734054	.0224052
#3	3.007138	2.088542	-.514478	.0181032	2.498667	9.951968	.0183807

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5335-14DLX2 Acquired: 01/04/2025 3:25:26 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME2917 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.7043416	.0063801	.0379759
Stddev	.0583363	.0004506	.0034287
%RSD	8.282386	7.063354	9.028773
#1	.6383351	.0067449	.0341093
#2	.7257051	.0065189	.0406464
#3	.7489845	.0058763	.0391720

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1878.343	19191.95	1933.008	1400.760	1951.731
Stddev	6.358	161.23	137.268	10.871	8.044
%RSD	.3385143	.8400972	7.101273	.7760557	.4121568
#1	1881.405	19208.33	2089.629	1407.011	1954.774
#2	1871.033	19344.36	1875.789	1407.062	1942.609
#3	1882.591	19023.15	1833.605	1388.208	1957.809

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5335-15DLX2 Acquired: 01/04/2025 3:29:16 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME2918 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0603823	-.053158	1.320887	.1555782	.0752549	29.03592	.3686057
Stddev	.0054571	.006683	.007813	.0144067	.0050415	1.69923	.0207040
%RSD	9.037563	12.57245	.5914725	9.260093	6.699190	5.852174	5.616851
#1	.0643792	-.047732	1.314961	.1444976	.0702217	27.98717	.3551776
#2	.0541650	-.051119	1.317959	.1503729	.0752384	28.12416	.3581901
#3	.0626026	-.060624	1.329741	.1718641	.0803046	30.99643	.3924493

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0060374	.0085386	227.2102	.6687770	.0685645	.1229669	327.2068
Stddev	.0002509	.0003697	12.8727	.0040153	.0004088	.0073984	19.1869
%RSD	4.155537	4.330250	5.665541	.6003895	.5961610	6.016602	5.863837
#1	.0059076	.0087930	219.1554	.6733199	.0685680	.1144251	315.5837
#2	.0058780	.0087085	220.4189	.6673085	.0681541	.1273606	316.6839
#3	.0063266	.0081145	242.0564	.6657028	.0689716	.1271150	349.3528

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.47587	70.59216	.3281120	-.021228	1.008920	.1807770	2.814996
Stddev	.88374	4.24756	.0013955	.004205	.041163	.0168953	.018043
%RSD	5.710437	6.017036	.4253068	19.80885	4.079858	9.345909	.6409430
#1	14.92234	68.16961	.3296438	-.024612	.978179	.1633091	2.821336
#2	15.01021	68.11016	.3277792	-.022550	.992897	.1819874	2.829013
#3	16.49506	75.49669	.3269131	-.016520	1.055685	.1970345	2.794639

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.215824	2.453193	-.613896	.0208832	2.683903	8.085578	.0250893
Stddev	.464230	.004445	.022485	.0005667	.007216	.342755	.0030566
%RSD	14.43579	.1811766	3.662657	2.713873	.2688779	4.239096	12.18278
#1	2.973714	2.448590	-.599928	.0202529	2.691776	7.889134	.0272381
#2	2.922699	2.453529	-.601926	.0210459	2.677602	7.886245	.0215901
#3	3.751061	2.457460	-.639834	.0213508	2.682333	8.481354	.0264397

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5335-15DLX2 Acquired: 01/04/2025 3:29:16 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME2918 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.9109566	-.055746	.0394594
Stddev	.0546714	.003817	.0056761
%RSD	6.001533	6.847128	14.38455
#1	.8732925	-.054336	.0341096
#2	.8859136	-.052834	.0388553
#3	.9736637	-.060067	.0454134

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1857.365	18921.30	1810.408	1383.343	1936.891
Stddev	9.544	98.26	84.005	9.284	6.803
%RSD	.5138614	.5192907	4.640124	.6711443	.3512424
#1	1852.081	19020.68	1866.488	1394.012	1935.224
#2	1868.383	18919.00	1850.910	1377.097	1944.373
#3	1851.632	18824.21	1713.825	1378.920	1931.076

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5335-16DLX2 Acquired: 01/04/2025 3:33:05 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME2919 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0638602	-.059871	1.357677	.1694466	.0828233	35.14781	.4185436
Stddev	.0071273	.020353	.013042	.0412086	.0149695	5.54473	.0684508
%RSD	11.16082	33.99379	.9606157	24.31953	18.07399	15.77547	16.35452
#1	.0559800	-.040247	1.343396	.1234982	.0695309	29.14197	.3448289
#2	.0657448	-.080882	1.368957	.2031309	.0990387	40.07205	.4801016
#3	.0698558	-.058485	1.360677	.1817108	.0799003	36.22941	.4307004

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0059976	.0110530	299.7027	1.122055	.0796754	.1413232	372.3476
Stddev	.0008018	.0011848	45.4084	.007227	.0014501	.0259190	58.3838
%RSD	13.36833	10.71909	15.15115	.6440867	1.820060	18.34022	15.67991
#1	.0051938	.0123002	250.7335	1.128396	.0812759	.1172704	309.5355
#2	.0067973	.0099424	340.4181	1.114186	.0784488	.1687733	424.9584
#3	.0060018	.0109166	307.9566	1.123582	.0793015	.1379259	382.5488

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.85557	85.48327	.4056298	-.028216	1.153010	.3016059	2.982628
Stddev	3.69349	13.34165	.0007529	.007715	.160144	.0401380	.026940
%RSD	15.48274	15.60732	.1856084	27.34250	13.88918	13.30810	.9032448
#1	19.87744	71.08387	.4048451	-.036813	.982633	.2595232	3.013709
#2	27.17608	97.42559	.4056981	-.021896	1.300446	.3394653	2.965945
#3	24.51318	87.94036	.4063463	-.025938	1.175950	.3058293	2.968232

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.467618	3.514851	-.701262	.0252777	3.001037	8.572830	.0323473
Stddev	1.086407	.010564	.079080	.0003159	.002975	1.097906	.0067404
%RSD	24.31736	.3005639	11.27675	1.249880	.0991165	12.80681	20.83751
#1	3.372017	3.518116	-.615057	.0255705	2.998620	7.399872	.0258386
#2	5.544592	3.503040	-.770444	.0249429	3.000132	9.575873	.0392977
#3	4.486246	3.523398	-.718285	.0253197	3.004359	8.742744	.0319058

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5335-16DLX2 Acquired: 01/04/2025 3:33:05 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME2919 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	1.506029	-.005542	.0500022
Stddev	.237843	.001554	.0075595
%RSD	15.79273	28.04375	15.11828
#1	1.251168	-.003965	.0417001
#2	1.722080	-.007072	.0564882
#3	1.544839	-.005587	.0518184

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1839.067	18941.32	1900.423	1379.677	1898.275
Stddev	7.794	61.62	260.305	7.990	5.869
%RSD	.4238102	.3253053	13.69721	.5791192	.3091663
#1	1839.647	19012.45	2186.340	1385.951	1899.395
#2	1846.554	18907.35	1677.170	1370.682	1903.504
#3	1830.998	18904.17	1837.760	1382.398	1891.928

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5335-17DLX2 Acquired: 01/04/2025 3:36:51 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME2920 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0999725	-.122776	2.481659	.3150252	.1388482	38.16034
Stddev	.0073894	.010290	.004402	.0125035	.0047210	.50764
%RSD	7.391397	8.381250	.1773993	3.969041	3.400092	1.330290
#1	.0922799	-.112131	2.477094	.3008831	.1334563	37.59470
#2	.1006217	-.123527	2.482005	.3195788	.1408495	38.30999
#3	.1070158	-.132670	2.485879	.3246138	.1422390	38.57634

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4774888	.0099619	.0162983	297.1733	1.675251	.0807917
Stddev	.0089186	.0001405	.0002274	4.8631	.002251	.0002643
%RSD	1.867802	1.410026	1.395396	1.636447	.1343909	.3271163
#1	.4677624	.0098594	.0165498	291.6117	1.673010	.0810815
#2	.4794215	.0101220	.0162378	299.2823	1.677513	.0807295
#3	.4852826	.0099043	.0161072	300.6258	1.675231	.0805640

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1969831	623.9216	F 34.51050	63.07430	.6136301	-.049081
Stddev	.0048252	10.9078	.57307	1.12392	.0023478	.000552
%RSD	2.449555	1.748262	1.660569	1.781904	.3826014	1.125600
#1	.1933859	611.4053	33.85144	61.79174	.6121361	-.049713
#2	.1950968	628.9605	34.78867	63.54391	.6124179	-.048845
#3	.2024665	631.3990	34.89139	63.88726	.6163361	-.048686

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.621370	.4118302	6.036926	3.428283	3.808551	F -1.20327
Stddev	.010227	.0195073	.017600	.102268	.010806	.01268
%RSD	.6307842	4.736726	.2915396	2.983068	.2837364	1.053923
#1	1.619896	.4010592	6.053096	3.343051	3.796106	-1.21587
#2	1.632254	.4343482	6.018180	3.541683	3.815558	-1.20342
#3	1.611960	.4000831	6.039502	3.400115	3.813990	-1.19051

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5335-17DLX2 Acquired: 01/04/2025 3:36:51 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME2920 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0310466	2.850400	9.236742	.0609651	1.828098	-.211141
Stddev	.0009781	.012733	.048189	.0017899	.029064	.003357
%RSD	3.150270	.4467256	.5217089	2.935973	1.589856	1.589912
#1	.0311986	2.836630	9.181957	.0593740	1.794918	-.207273
#2	.0300015	2.861749	9.272566	.0606182	1.840329	-.213298
#3	.0319398	2.852819	9.255704	.0629031	1.849048	-.212851

Elem	Li6707
Units	ppm
Avg	.0485107
Stddev	.0062748
%RSD	12.93489
#1	.0439188
#2	.0556604
#3	.0459529

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1817.143	18479.39	1834.838	1347.319	1920.404
Stddev	6.986	23.91	10.108	2.560	6.738
%RSD	.3844682	.1293900	.5508756	.1899824	.3508513
#1	1822.140	18494.05	1846.021	1344.756	1925.924
#2	1820.129	18451.80	1826.353	1347.325	1922.393
#3	1809.160	18492.32	1832.140	1349.875	1912.896

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5131-01 Acquired: 01/04/2025 3:40:38 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHMM0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2408131	-.030998	5.308404	.1190933	.0475254	65.42351
Stddev	.0098451	.000955	.002385	.0024739	.0035406	.79699
%RSD	4.088291	3.080402	.0449352	2.077241	7.449853	1.218207
#1	.2486667	-.031199	5.305661	.1212065	.0435367	64.83408
#2	.2297682	-.029958	5.309992	.1163722	.0487429	65.10615
#3	.2440043	-.031836	5.309560	.1197013	.0502965	66.33029

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.689865	.0070290	.0093098	151.8223	.1374880	.1351903
Stddev	.015700	.0000470	.0000799	1.1690	.0013814	.0004579
%RSD	.9290412	.6692034	.8577489	.7699495	1.004738	.3387444
#1	1.672095	.0070578	.0092820	150.5759	.1390563	.1346687
#2	1.695642	.0069747	.0093999	151.9969	.1369561	.1353757
#3	1.701857	.0070545	.0092476	152.8941	.1364517	.1355265

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8156700	227.3723	14.58658	22.24753	.1740595	-.011806
Stddev	.0117925	2.7776	.18236	.28187	.0007974	.001461
%RSD	1.445739	1.221609	1.250163	1.266989	.4580991	12.37707
#1	.8151616	224.7240	14.41312	22.02139	.1737874	-.010334
#2	.8041400	227.1297	14.56995	22.15788	.1734338	-.011828
#3	.8277085	230.2633	14.77669	22.56333	.1749573	-.013257

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.756216	.1912997	2.983907	8.982447	F 14.81850	-.423413
Stddev	.023169	.0050117	.019040	.232519	.02687	.001855
%RSD	1.319253	2.619828	.6380764	2.588592	.1813001	.4380017
#1	1.730086	.1931638	2.985827	8.816822	14.84708	-.424198
#2	1.764312	.1951122	3.001914	8.882253	14.81466	-.424746
#3	1.774251	.1856230	2.963981	9.248266	14.79376	-.421295

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5131-01 Acquired: 01/04/2025 3:40:38 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHMM0 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0185524	2.793757	10.10116	.2640416	.7019110	.2151542
Stddev	.0009829	.017384	.09932	.0034374	.0109028	.0023212
%RSD	5.297914	.6222372	.9832577	1.301834	1.553305	1.078834
#1	.0196863	2.812378	9.98717	.2679391	.6957005	.2141646
#2	.0180279	2.790940	10.14721	.2627431	.6955324	.2134918
#3	.0179430	2.777954	10.16909	.2614426	.7145001	.2178061

Elem	Li6707
Units	ppm
Avg	.0901065
Stddev	.0024299
%RSD	2.696674
#1	.0927796
#2	.0880314
#3	.0895086

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2120.762	21322.84	2098.221	1574.831	1938.704
Stddev	3.503	115.09	22.896	1.840	5.174
%RSD	.1651564	.5397606	1.091206	.1168206	.2668947
#1	2118.519	21298.36	2121.540	1576.660	1937.281
#2	2118.970	21448.21	2097.350	1574.850	1934.390
#3	2124.798	21221.96	2075.773	1572.981	1944.441

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5131-02 Acquired: 01/04/2025 3:44:25 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHMM1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2947579	-.023187	3.319205	.1257583	.0461194	91.07334
Stddev	.0022561	.003385	.004089	.0016420	.0023646	.23181
%RSD	.7654002	14.59716	.1231813	1.305699	5.127119	.2545277
#1	.2959144	-.020271	3.321376	.1273442	.0468467	91.34056
#2	.2921581	-.026898	3.314489	.1258654	.0434766	90.92638
#3	.2962012	-.022391	3.321751	.1240654	.0480350	90.95307

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.605551	.0079696	.0077116	89.39734	.1410160	.1787872
Stddev	.009465	.0000514	.0001912	.24182	.0006072	.0001786
%RSD	.5894879	.6454924	2.478666	.2705021	.4305923	.0998785
#1	1.611766	.0080268	.0078866	89.58412	.1406742	.1787185
#2	1.610227	.0079270	.0077407	89.48371	.1406567	.1786532
#3	1.594658	.0079552	.0075076	89.12420	.1417171	.1789899

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4286851	225.3651	24.99837	26.99734	.2046407	-.012857
Stddev	.0021150	.8125	.08595	.11492	.0000905	.000222
%RSD	.4933799	.3605474	.3438414	.4256720	.0442411	1.728918
#1	.4280978	226.1218	25.07679	26.91052	.2047300	-.012895
#2	.4269259	225.4671	25.01183	27.12766	.2045490	-.012618
#3	.4310318	224.5063	24.90647	26.95383	.2046430	-.013057

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6126281	.2225232	1.261317	10.54619	F 12.91136	-.425971
Stddev	.0149389	.0171006	.003545	.16328	.01233	.004831
%RSD	2.438499	7.684846	.2810723	1.548206	.0954796	1.134201
#1	.6272982	.2345811	1.262675	10.73454	12.91936	-.431535
#2	.6131520	.2029523	1.263982	10.45928	12.89716	-.422845
#3	.5974341	.2300363	1.257293	10.44474	12.91755	-.423531

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5131-02 Acquired: 01/04/2025 3:44:25 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHMM1 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0176737	2.057971	10.36284	.1969018	.6636961	.1173011
Stddev	.0000492	.004490	.07860	.0006715	.0010483	.0003098
%RSD	.2786023	.2181760	.7585224	.3410155	.1579487	.2641288
#1	.0176888	2.054411	10.45361	.1970380	.6629407	.1176285
#2	.0177136	2.056488	10.31754	.1974948	.6648929	.1172624
#3	.0176187	2.063015	10.31738	.1961728	.6632547	.1170125

Elem	Li6707
Units	ppm
Avg	.0971779
Stddev	.0019311
%RSD	1.987183
#1	.0979542
#2	.0949794
#3	.0986000

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2339.940	23578.61	2288.762	1736.819	1946.769
Stddev	4.567	77.16	19.740	3.532	3.706
%RSD	.1951890	.3272617	.8624838	.2033690	.1903657
#1	2335.434	23538.25	2266.455	1732.919	1943.456
#2	2344.566	23667.58	2303.976	1739.804	1950.771
#3	2339.821	23529.99	2295.853	1737.734	1946.080

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5131-03 Acquired: 01/04/2025 3:48:14 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHMM2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1542235	-.028300	2.591016	.1052652	.0483753	83.01204
Stddev	.0049705	.002867	.006599	.0087817	.0041042	4.02889
%RSD	3.222914	10.13208	.2547040	8.342426	8.484088	4.853375
#1	.1597672	-.026935	2.584027	.0958411	.0439291	79.83960
#2	.1527385	-.026371	2.591881	.1132188	.0520190	87.54506
#3	.1501647	-.031595	2.597141	.1067357	.0491779	81.65147

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.581332	.0084722	.0120754	157.5047	.1896834	.1487110
Stddev	.077479	.0004270	.0002197	7.7051	.0009174	.0004592
%RSD	4.899616	5.040072	1.819715	4.892007	.4836612	.3087863
#1	1.523525	.0080006	.0121482	151.8276	.1887439	.1481813
#2	1.669369	.0088325	.0118285	166.2760	.1905771	.1489555
#3	1.551103	.0085834	.0122495	154.4107	.1897293	.1489962

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5345543	219.4828	13.91561	75.15079	.2522267	-.014777
Stddev	.0283528	10.9463	.67505	3.46687	.0014697	.002154
%RSD	5.304009	4.987317	4.850996	4.613212	.5826710	14.57415
#1	.5170126	211.3273	13.41221	72.38827	.2529513	-.016028
#2	.5672646	231.9234	14.68270	79.04114	.2531933	-.012290
#3	.5193855	215.1976	13.65193	74.02297	.2505354	-.016012

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9488308	.2451321	2.686061	13.16689	F 14.56980	-.382171
Stddev	.0379920	.0176950	.007278	.78545	.02639	.011538
%RSD	4.004087	7.218555	.2709628	5.965370	.1811279	3.019026
#1	.9127477	.2302306	2.694223	12.66653	14.58812	-.370474
#2	.9884802	.2646895	2.680247	14.07218	14.53955	-.393543
#3	.9452646	.2404761	2.683712	12.76196	14.58174	-.382496

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: P5131-03 Acquired: 01/04/2025 3:48:14 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHMM2 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0156165	7.145602	10.45426	.1976985	1.257919	.1184497
Stddev	.0005761	.027632	.37965	.0036272	.061080	.0066250
%RSD	3.689158	.3867003	3.631556	1.834713	4.855676	5.593100
#1	.0149906	7.141555	10.08473	.1935501	1.208906	.1135082
#2	.0161247	7.120216	10.84329	.2002721	1.326347	.1259778
#3	.0157340	7.175034	10.43476	.1992733	1.238503	.1158630

Elem	Li6707
Units	ppm
Avg	.1039420
Stddev	.0063378
%RSD	6.097439
#1	.0973540
#2	.1099958
#3	.1044764

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2101.459	21255.82	2021.055	1565.549	1907.825
Stddev	1.190	168.32	75.715	9.297	.479
%RSD	.0566208	.7918906	3.746323	.5938590	.0251047
#1	2100.453	21311.63	2090.010	1557.767	1907.333
#2	2101.153	21066.68	1940.029	1563.036	1908.290
#3	2102.773	21389.14	2033.126	1575.845	1907.852

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: CCV110 Acquired: 01/04/2025 3:52:00 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV110 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.921814	4.903759	25.01579	4.901091	4.968084	415.7027	10.10545
Stddev	.008579	.023278	.07738	.009687	.006319	.8456	.01223
%RSD	.1743035	.4746952	.3093392	.1976525	.1271892	.2034088	.1210371
#1	4.914048	4.910979	24.99919	4.910523	4.961759	414.9248	10.09517
#2	4.920372	4.877727	24.94806	4.891167	4.968097	415.5807	10.11898
#3	4.931023	4.922572	25.10013	4.901582	4.974396	416.6027	10.10218

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5239597	2.514211	410.5554	15.80561	2.550607	15.50577	421.4443
Stddev	.0022031	.007471	.5601	.02846	.008167	.02263	.8860
%RSD	.4204627	.2971648	.1364203	.1800552	.3202090	.1459284	.2102216
#1	.5263908	2.513575	409.9853	15.81746	2.550857	15.50363	420.7501
#2	.5233931	2.507077	411.1049	15.77314	2.542317	15.48429	421.1406
#3	.5220953	2.521979	410.5759	15.82624	2.558646	15.52939	422.4422

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.55265	421.3141	2.532243	1.249971	435.3089	2.636129	15.07646
Stddev	.03581	1.2107	.007657	.001305	3.4215	.024366	.05591
%RSD	.2302206	.2873567	.3023832	.1044081	.7859998	.9243146	.3708282
#1	15.52767	420.4997	2.532987	1.248525	438.8332	2.619295	15.04205
#2	15.53661	420.7373	2.524241	1.251060	432.0004	2.625023	15.04636
#3	15.59367	422.7053	2.539500	1.250328	435.0931	2.664070	15.14097

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	152.3754	5.066172	4.631264	4.959729	4.976188	5.185021	5.063119
Stddev	.6647	.002892	.008267	.009129	.022338	.026803	.015409
%RSD	.4362221	.0570785	.1785008	.1840607	.4489021	.5169279	.3043462
#1	151.8206	5.066595	4.640725	4.961258	4.972511	5.215959	5.063483
#2	153.1121	5.063091	4.627633	4.949931	4.955917	5.170280	5.047531
#3	152.1934	5.068828	4.625434	4.967996	5.000137	5.168824	5.078343

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: CCV110 Acquired: 01/04/2025 3:52:00 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV110 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	5.179369	4.908212	4.810596
Stddev	.016292	.012298	.008834
%RSD	.3145622	.2505594	.1836376
#1	5.161794	4.894108	4.800396
#2	5.182343	4.913831	4.815583
#3	5.193969	4.916696	4.815808

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1500.747	16189.88	1637.212	1109.788	1613.815
Stddev	2.341	22.50	7.503	4.872	1.956
%RSD	.1560217	.1389808	.4582957	.4389793	.1211846
#1	1498.229	16188.01	1628.610	1111.820	1613.098
#2	1502.859	16213.25	1640.617	1113.315	1616.027
#3	1501.152	16168.36	1642.409	1104.229	1612.318

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: CCB110 Acquired: 01/04/2025 3:55:45 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB110 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0060869	.0018781	-.001065	.0026160	.0001805	.0275441	.0022225
Stddev	.0078285	.0032854	.003003	.0029544	.0043102	.0455583	.0035664
%RSD	128.6119	174.9295	281.9952	112.9358	2388.611	165.4012	160.4682
#1	.0080171	.0055143	.001917	.0035280	-.003873	.0686751	.0021620
#2	.0127698	-.000876	-.004088	-.000687	-.000294	.0353819	-.001313
#3	-.002526	.000996	-.001024	.005007	.004708	-.021425	.005819

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000137	-.000045	-.077296	-.000587	.0000127	-.004732	.0408006
Stddev	.000206	.000112	.040332	.000393	.0001585	.018764	.0380035
%RSD	150.8000	252.3405	52.17843	66.95374	1244.943	396.5503	93.14456
#1	-.000131	-.000005	-.116970	-.000279	.0001666	.005981	.0702841
#2	-.000346	-.000171	-.036337	-.000452	-.000150	-.026398	-.002089
#3	.000066	.000043	-.078581	-.001029	.000022	.006222	.054207

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0047045	-.201892	-.000409	.0006306	.1447679	-.001195	.0017541
Stddev	.0010987	.039828	.000508	.0030680	.0212042	.004272	.0004958
%RSD	23.35479	19.72729	124.3194	486.5461	14.64701	357.4660	28.26324
#1	.0038976	-.238419	.000038	-.000602	.1361823	-.005171	.0020455
#2	.0042601	-.159430	-.000303	-.001630	.1292029	-.001737	.0011817
#3	.0059559	-.207828	-.000962	.004123	.1689185	.003322	.0020352

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1878055	-.000586	.0069209	.0000226	-.008221	-.002171	.0014285
Stddev	.0764944	.002831	.0002700	.0006196	.005417	.000865	.0001035
%RSD	40.73063	483.0887	3.901636	2746.226	65.88634	39.81978	7.247238
#1	.2610644	.002089	.0068088	.0006266	-.011919	-.002743	.0015314
#2	.1084415	-.003551	.0067249	-.000611	-.010741	-.001177	.0014297
#3	.1939105	-.000296	.0072289	.000053	-.002004	-.002594	.0013244

Reviewed By:Mohan
On:1/6/2025 4:38:30 AM
Inst Id :P5

Sample Name: CCB110 Acquired: 01/04/2025 3:55:45 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v72) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB110 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	-.004749	-.000086	-.002749
Stddev	.007484	.000096	.007105
%RSD	157.5904	111.8620	258.3966
#1	-.007304	-.000086	.000756
#2	.003678	.000010	.001921
#3	-.010622	-.000181	-.010925

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1831.339	18376.56	1766.699	1357.140	2022.961
Stddev	2.846	76.94	4.755	7.167	4.097
%RSD	.1554016	.4186774	.2691345	.5281299	.2025075
#1	1829.050	18390.68	1761.691	1357.720	2020.564
#2	1830.443	18445.45	1771.152	1364.000	2020.628
#3	1834.525	18293.53	1767.254	1349.700	2027.691