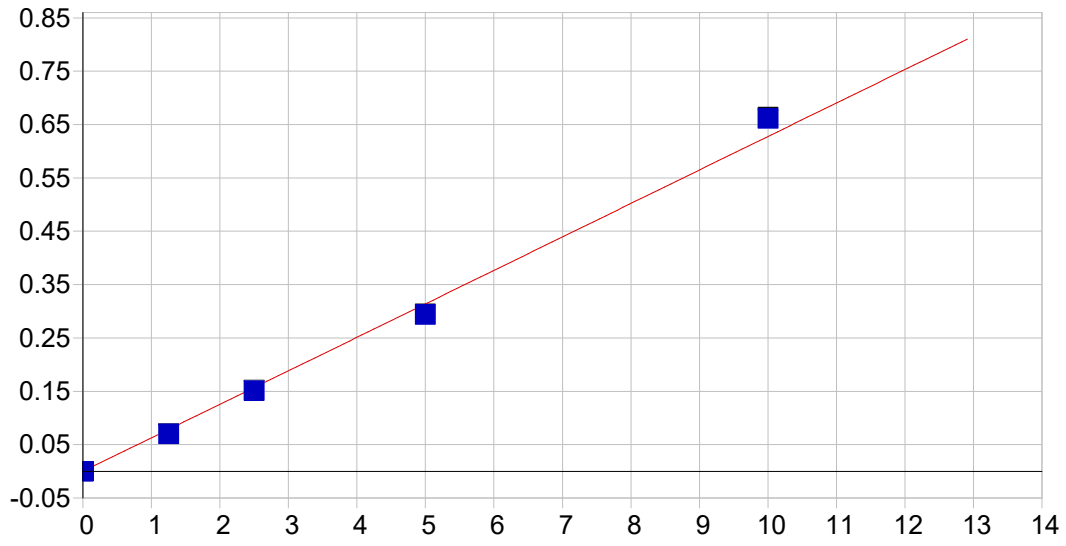
Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4



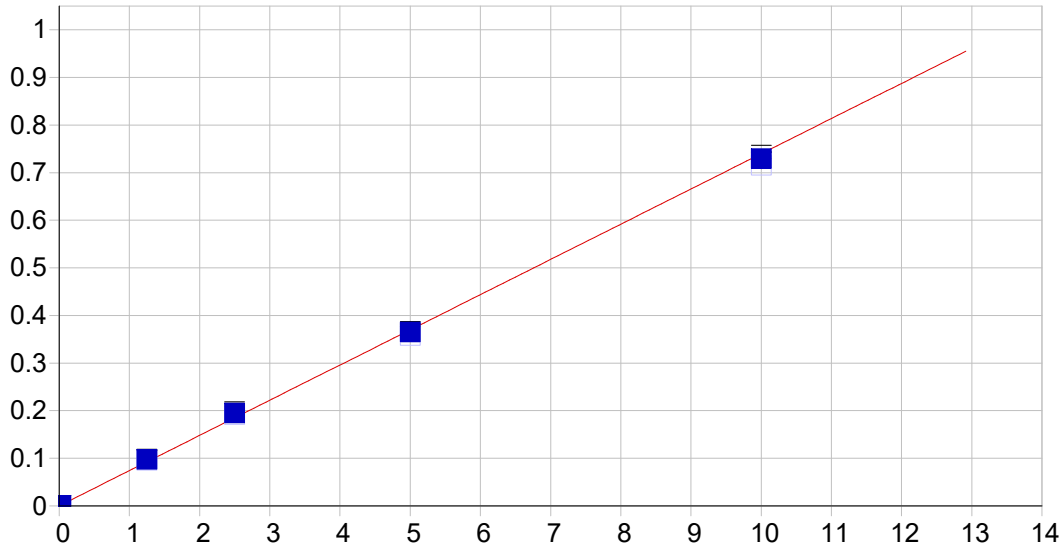
As 189.042 {479}

Date of Fit:	1/23/2025 17:27:55	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000037	Re-Slope:	1.000000
A1 (Gain):	0.062761	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.998200	Status:	OK.
Std Error of Est:	0.000063		
Predicted MDL:	0.002534		
Predicted MQL:	0.008448		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00004	.000	1
S1	.01000	.00752	-.002	-24.8	.00051	.000	1
S3	2.5000	2.4083	-.092	-3.67	.15091	.001	1
S4	5.0000	4.6837	-.316	-6.33	.29343	.001	1
S5	10.000	10.543	.543	5.43	.66060	.002	1
S2	1.2500	1.1176	-.132	-10.6	.07004	.000	1

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4



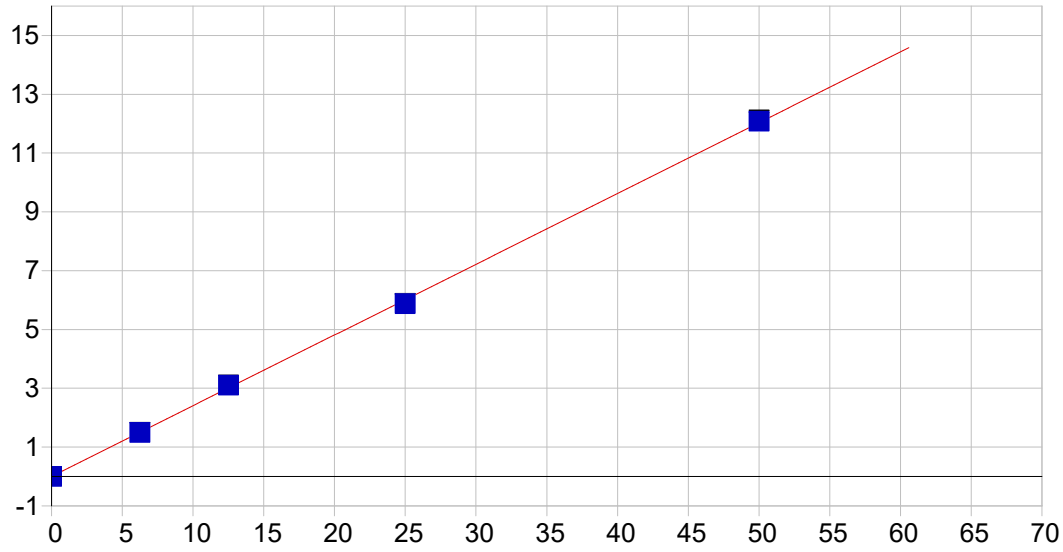
Tl 190.856 {477}

Date of Fit:	1/23/2025 17:27:55	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000184	Re-Slope:	1.000000
A1 (Gain):	0.073947	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999609	Status:	OK.
Std Error of Est:	0.000054		
Predicted MDL:	0.001900		
Predicted MQL:	0.006333		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00018	.000	1
S1	.02500	.02712	.002	8.48	.00211	.000	1
S3	2.5000	2.6373	.137	5.49	.19163	.002	1
S4	5.0000	4.9300	-.070	-1.40	.35759	.002	1
S5	10.000	9.8638	-.136	-1.36	.71529	.007	1
S2	1.2500	1.3169	.067	5.35	.09578	.001	1

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4



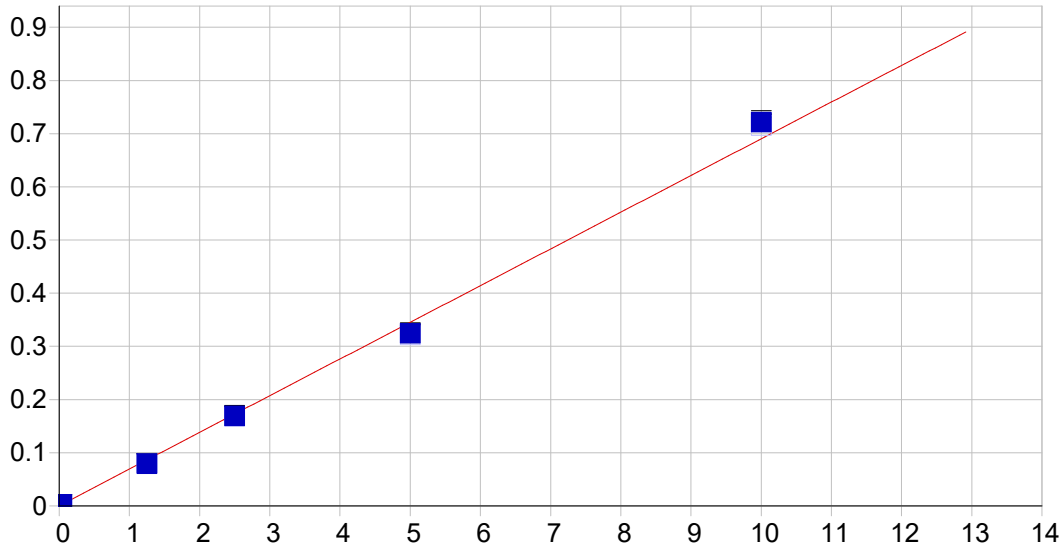
Pb 220.353 {453}

Date of Fit:	1/23/2025 17:27:55	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000084	Re-Slope:	1.000000
A1 (Gain):	0.240652	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999853	Status:	OK.
Std Error of Est:	0.000155		
Predicted MDL:	0.001474		
Predicted MQL:	0.004913		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00008	.000	1
S1	.01000	.00844	-.002	-15.6	.00210	.000	1
S3	12.500	12.899	.399	3.19	3.1017	.003	1
S4	25.000	24.420	-.580	-2.32	5.8718	.010	1
S5	50.000	50.216	.216	.431	12.075	.041	1
S2	6.2500	6.2168	-.033	-.531	1.4949	.002	1

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4



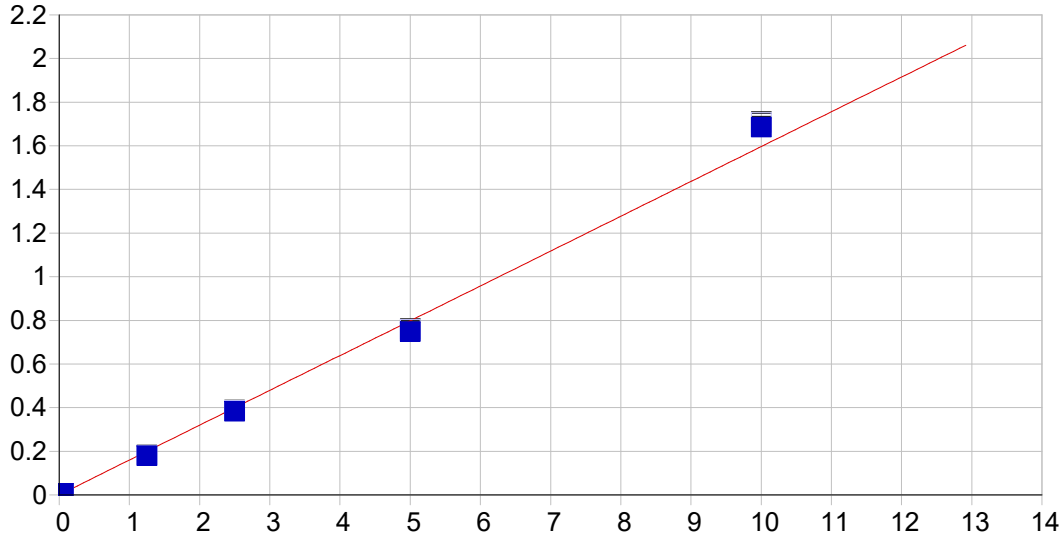
Se 196.090 {472}

Date of Fit:	1/23/2025 17:27:55	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000307	Re-Slope:	1.000000
A1 (Gain):	0.069001	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.998715	Status:	OK.
Std Error of Est:	0.000109		
Predicted MDL:	0.002906		
Predicted MQL:	0.009686		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00031	.000	1
S1	.03500	.03435	-.001	-1.86	.00267	.000	1
S3	2.5000	2.4495	-.050	-2.02	.16774	.001	1
S4	5.0000	4.6993	-.301	-6.01	.32138	.001	1
S5	10.000	10.452	.452	4.52	.71512	.003	1
S2	1.2500	1.1502	-.100	-7.99	.07887	.000	1

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4



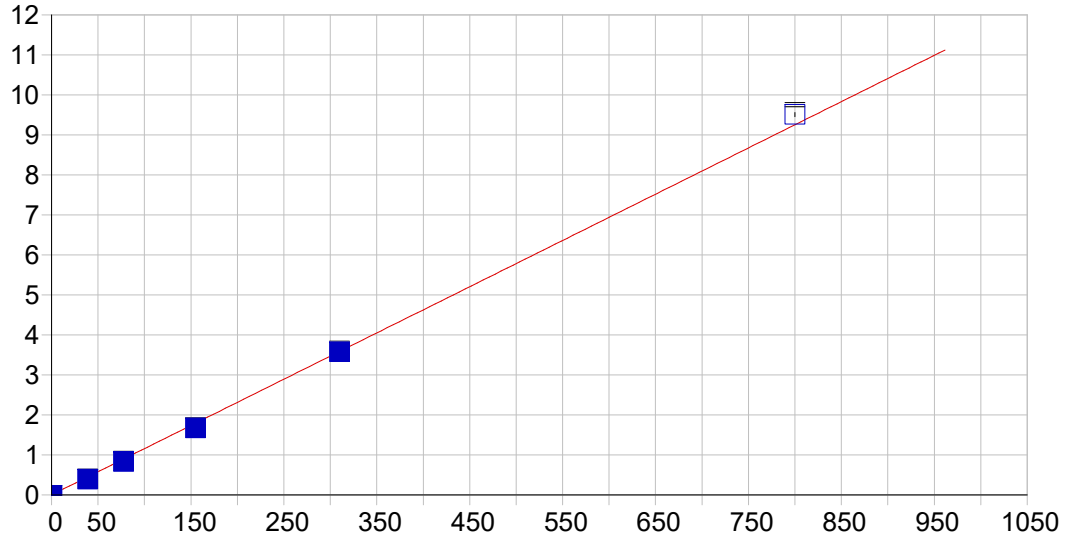
Sb 206.833 {463}

Date of Fit:	1/23/2025 17:27:55	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000305	Re-Slope:	1.000000
A1 (Gain):	0.159593	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.998207	Status:	OK.
Std Error of Est:	0.000399		
Predicted MDL:	0.001582		
Predicted MQL:	0.005275		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00002	.000	.000	.00031	.000	1
S1	.06000	.05332	-.007	-11.1	.00880	.000	1
S3	2.5000	2.3937	-.106	-4.25	.38764	.001	1
S4	5.0000	4.6845	-.316	-6.31	.75856	.003	1
S5	10.000	10.557	.557	5.57	1.7064	.004	1
S2	1.2500	1.1214	-.129	-10.3	.18193	.001	1

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4



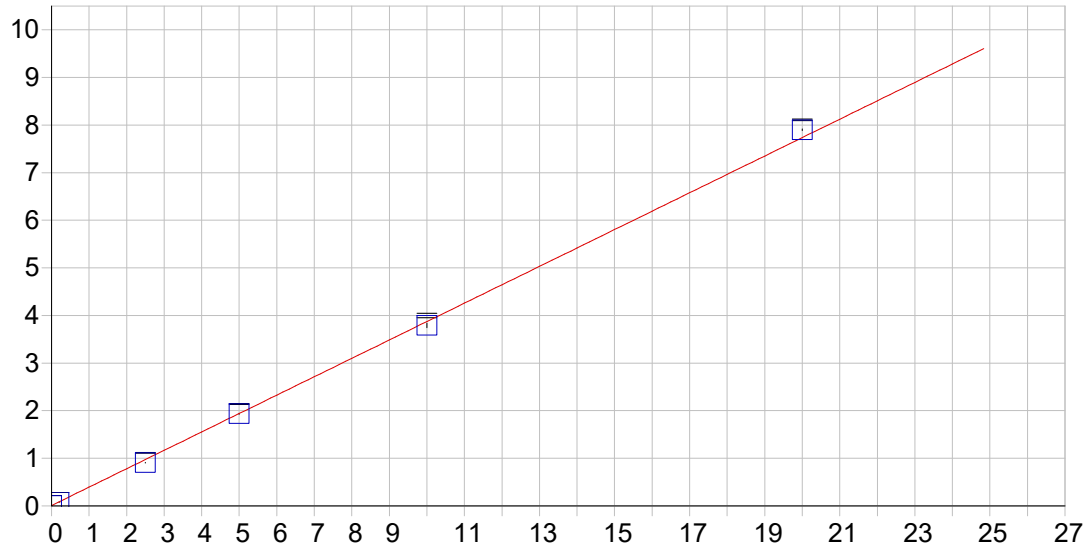
Al 396.152 { 85}

Date of Fit:	1/23/2025 17:27:55	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000125	Re-Slope:	1.000000
A1 (Gain):	0.011566	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999138	Status:	OK.
Std Error of Est:	0.000299		
Predicted MDL:	0.009674		
Predicted MQL:	0.032246		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00008	.000	.000	.00013	.000	1
S1	.20000	.16851	-.031	-15.7	.00208	.000	1
S3	77.500	72.148	-5.35	-6.91	.83568	.004	1
S4	155.00	144.48	-10.5	-6.79	1.6734	.006	1
S5	310.00	308.93	-1.07	-.345	3.5776	.018	1
S2	38.750	33.610	-5.14	-13.3	.38941	.002	1
S6	800.00	822.14	22.1	2.77	9.5094	.055	1

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4



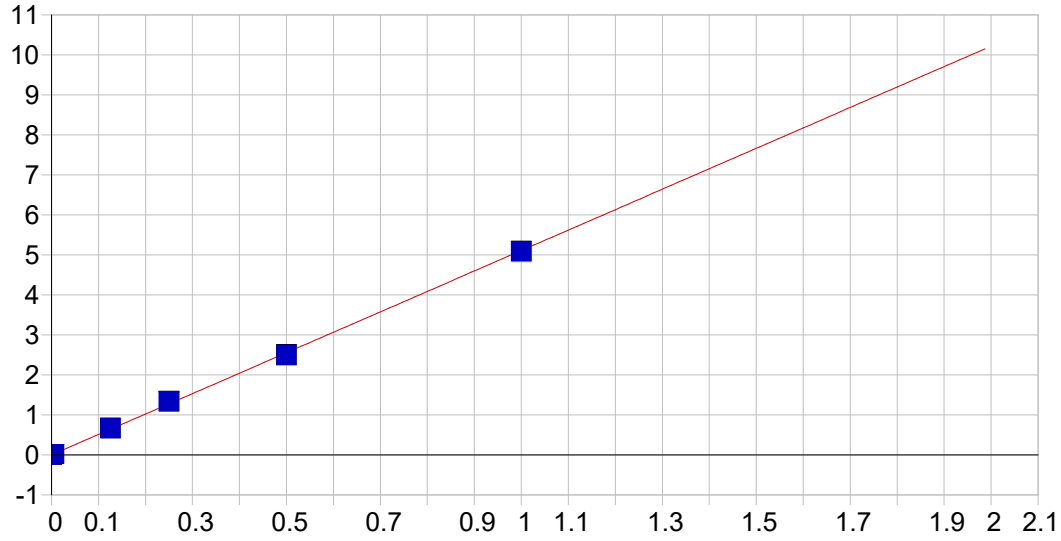
Ba 493.409 { 68}

Date of Fit:	1/23/2025 17:27:55	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.008477	Re-Slope:	1.000000
A1 (Gain):	0.386430	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999646	Status:	OK.
Std Error of Est:	0.001092		
Predicted MDL:	0.000940		
Predicted MQL:	0.003132		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00003	.000	.000	.00849	.000	1
S1	.20000	.18660	-.013	-6.70	.08059	.000	1
S3	5.0000	4.9800	-.020	-.399	1.9329	.008	1
S4	10.000	9.7858	-.214	-2.14	3.7900	.047	1
S5	20.000	20.422	.422	2.11	7.9002	.017	1
S2	2.5000	2.3255	-.175	-6.98	.90710	.004	1

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4



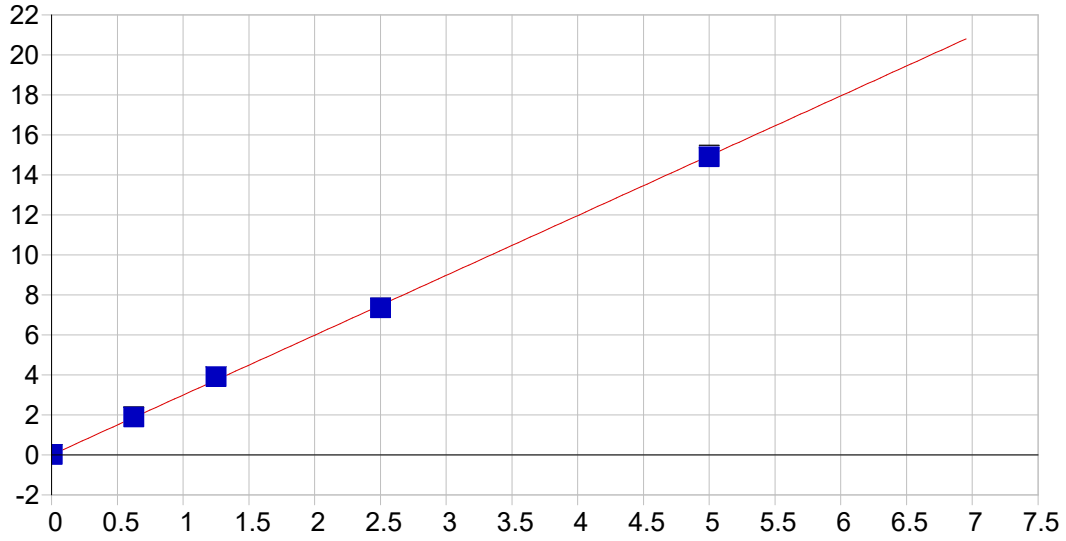
Be 234.861 {144}

Date of Fit:	1/23/2025 17:27:55	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000254	Re-Slope:	1.000000
A1 (Gain):	5.109673	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999706	Status:	OK.
Std Error of Est:	0.000463		
Predicted MDL:	0.000076		
Predicted MQL:	0.000255		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00026	.000	1
S1	.00500	.00537	.000	7.42	.02716	.000	1
S3	.25000	.26158	.012	4.63	1.3306	.009	1
S4	.50000	.48779	-.012	-2.44	2.4807	.018	1
S5	1.0000	.99514	-.005	-.486	5.0616	.010	1
S2	.12500	.13012	.005	4.10	.66175	.004	1

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4



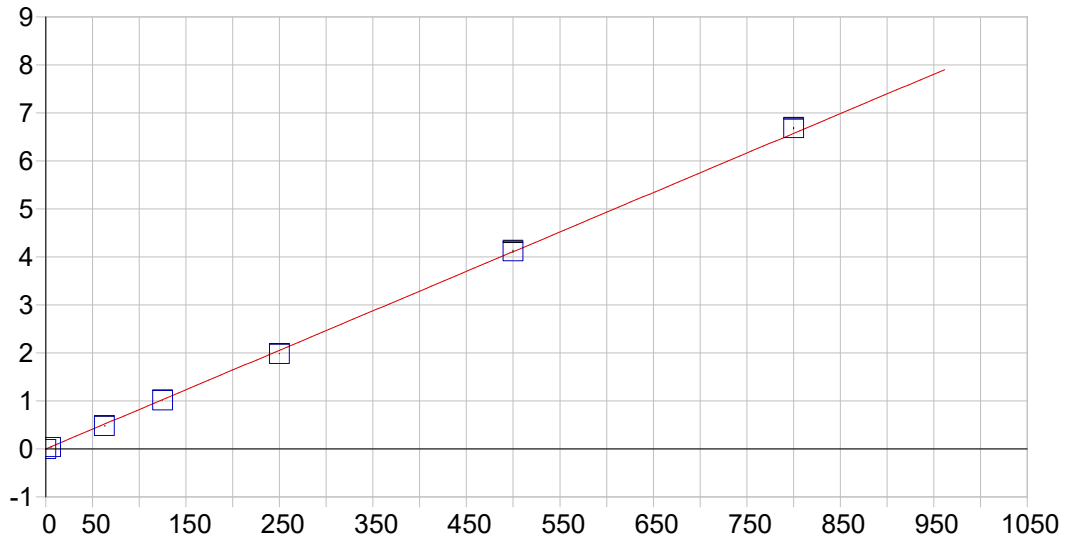
Cd 214.438 {457}

Date of Fit:	1/23/2025 17:27:55	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000063	Re-Slope:	1.000000
A1 (Gain):	2.991992	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999823	Status:	OK.
Std Error of Est:	0.000473		
Predicted MDL:	0.000076		
Predicted MQL:	0.000255		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00006	.000	1
S1	.00500	.00508	.000	1.67	.01528	.000	1
S3	1.2500	1.3052	.055	4.42	3.9126	.008	1
S4	2.5000	2.4568	-.043	-1.73	7.3656	.012	1
S5	5.0000	4.9810	-.019	-.380	14.933	.061	1
S2	.62500	.63191	.007	1.11	1.8944	.003	1

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4



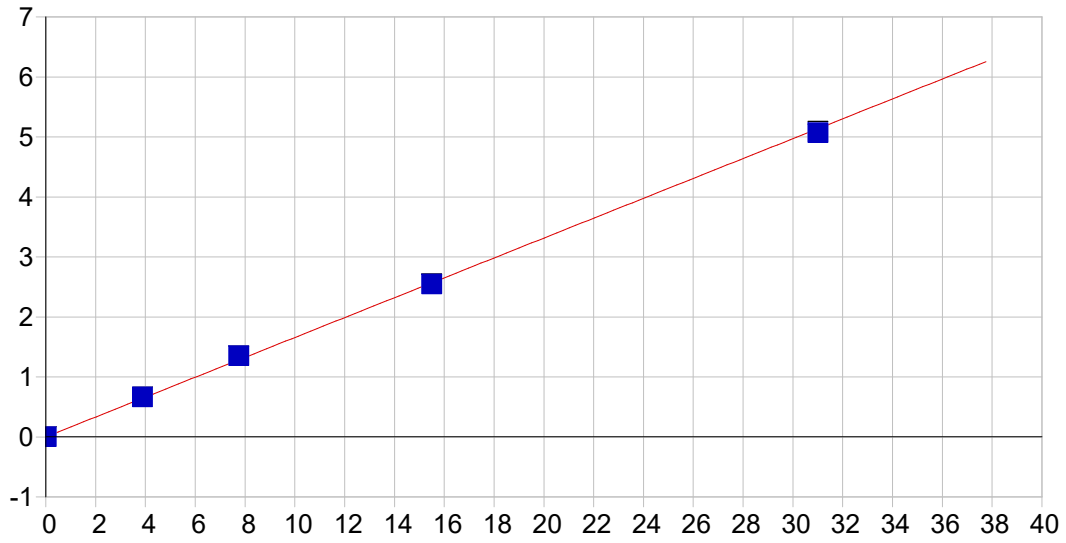
Ca 373.690 { 90}

Date of Fit:	1/23/2025 17:27:55	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000036	Re-Slope:	1.000000
A1 (Gain):	0.008217	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999761	Status:	OK.
Std Error of Est:	0.000627		
Predicted MDL:	0.010624		
Predicted MQL:	0.035412		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00068	.001	.000	.00004	.000	1
S2	62.500	58.361	-4.14	-6.62	.47962	.001	1
S3	125.00	123.66	-1.34	-1.07	1.0162	.005	1
S4	250.00	241.23	-8.77	-3.51	1.9823	.005	1
S5	500.00	501.03	1.03	.206	4.1172	.023	1
S1	5.0000	4.7891	-.211	-4.22	.03939	.000	1
S6	800.00	813.43	13.4	1.68	6.6843	.018	1

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4



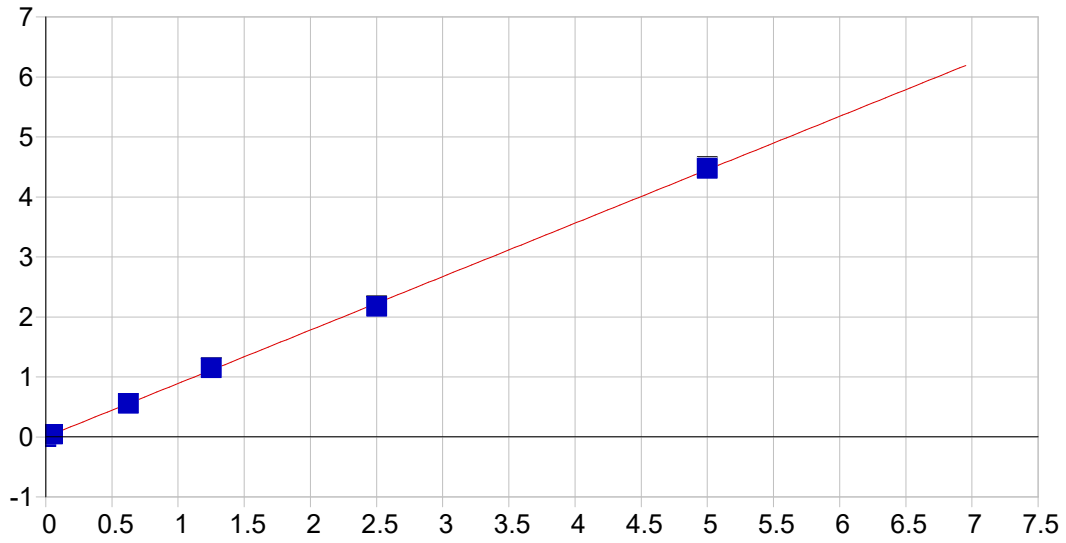
Cr 267.716 {126}

Date of Fit:	1/23/2025 17:27:55	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000055	Re-Slope:	1.000000
A1 (Gain):	0.165700	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999710	Status:	OK.
Std Error of Est:	0.000118		
Predicted MDL:	0.000444		
Predicted MQL:	0.001480		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00006	.000	1
S1	.01000	.01083	.001	8.29	.00174	.000	1
S3	7.7500	8.1546	.405	5.22	1.3515	.003	1
S4	15.500	15.367	-.133	-.856	2.5470	.007	1
S5	31.000	30.579	-.421	-1.36	5.0681	.026	1
S2	3.8750	4.0235	.148	3.83	.66679	.000	1

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4



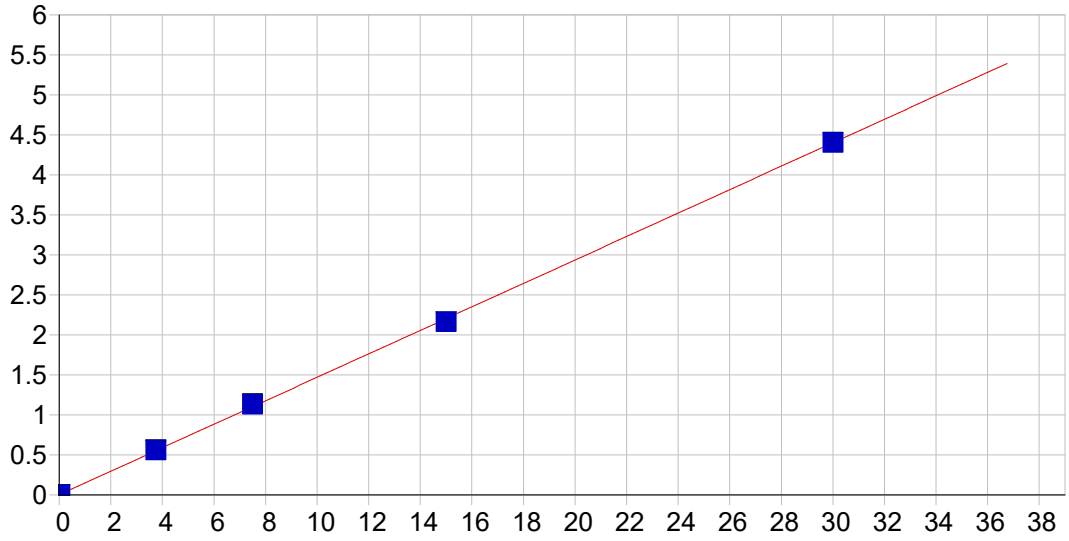
Co 228.616 {448}

Date of Fit:	1/23/2025 17:27:55	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000031	Re-Slope:	1.000000
A1 (Gain):	0.890435	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999853	Status:	OK.
Std Error of Est:	0.000407		
Predicted MDL:	0.000276		
Predicted MQL:	0.000921		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00003	.000	1
S1	.05000	.04941	-.001	-1.18	.04414	.000	1
S3	1.2500	1.2885	.039	3.08	1.1515	.002	1
S4	2.5000	2.4392	-.061	-2.43	2.1804	.003	1
S5	5.0000	5.0242	.024	.484	4.4906	.016	1
S2	.62500	.62370	-.001	-.208	.55745	.001	1

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4



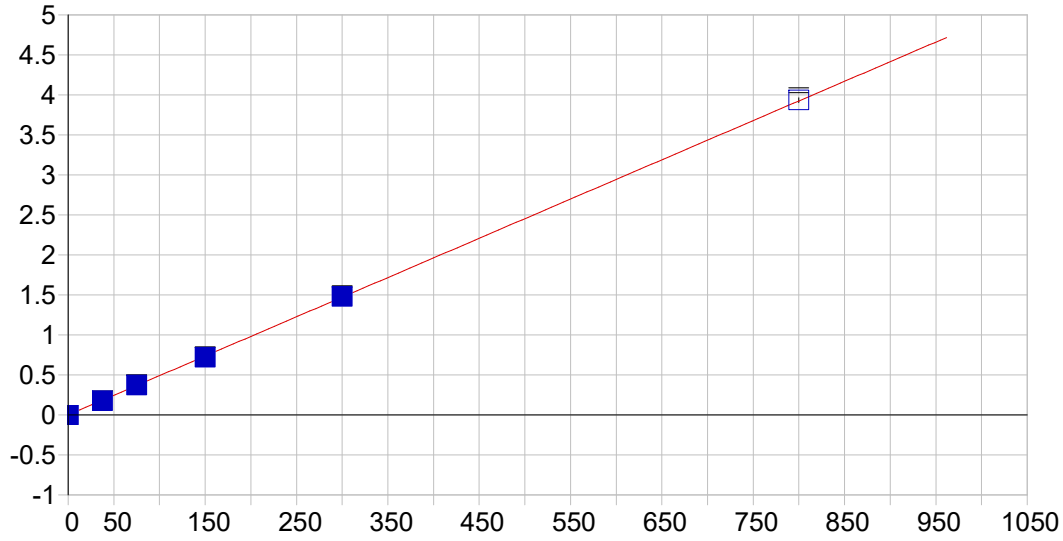
Cu 324.754 {104}

Date of Fit:	1/23/2025 17:27:55	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.003630	Re-Slope:	1.000000
A1 (Gain):	0.146628	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999901	Status:	OK.
Std Error of Est:	0.000095		
Predicted MDL:	0.002872		
Predicted MQL:	0.009575		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00363	.000	1
S1	.02500	.02951	.005	18.0	.00796	.000	1
S3	7.5000	7.6976	.198	2.63	1.1322	.006	1
S4	15.000	14.738	-.262	-1.75	2.1644	.005	1
S5	30.000	30.016	.016	.053	4.4044	.003	1
S2	3.7500	3.7943	.044	1.18	.55992	.002	1

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4



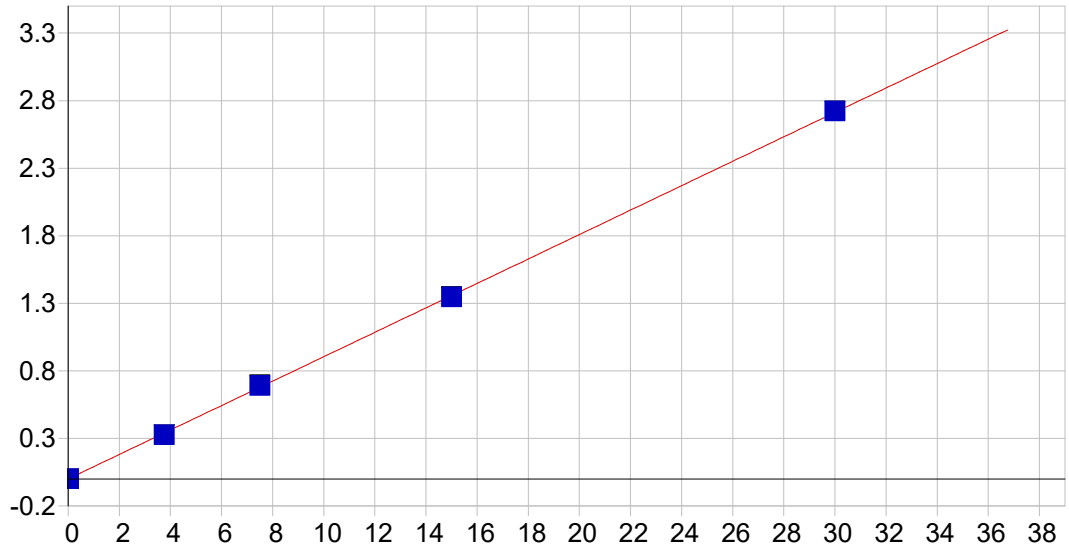
Fe 259.837 {130}

Date of Fit:	1/23/2025 17:27:55	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000012	Re-Slope:	1.000000
A1 (Gain):	0.004906	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999947	Status:	OK.
Std Error of Est:	0.000022		
Predicted MDL:	0.007324		
Predicted MQL:	0.024413		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00001	.000	1
S1	.10000	.09545	-.005	-4.55	.00047	.000	1
S3	75.000	75.911	.911	1.22	.37205	.002	1
S4	150.00	146.89	-3.11	-2.07	.71990	.002	1
S5	300.00	301.58	1.58	.525	1.4780	.007	1
S2	37.500	36.067	-1.43	-3.82	.17676	.001	1
S6	800.00	802.06	2.06	.257	3.9348	.030	1

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4



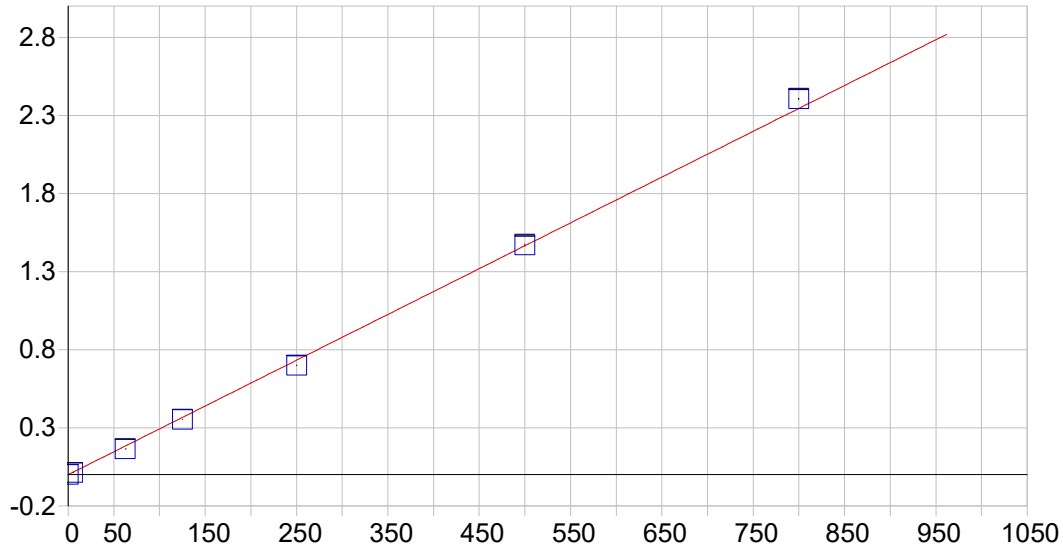
Mn 257.610 {131}

Date of Fit:	1/23/2025 17:27:55	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000019	Re-Slope:	1.000000
A1 (Gain):	0.090428	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999918	Status:	OK.
Std Error of Est:	0.000041		
Predicted MDL:	0.000386		
Predicted MQL:	0.001286		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00002	.000	1
S1	.01500	.01516	.000	1.04	.00135	.000	1
S3	7.5000	7.6504	.150	2.00	.69132	.003	1
S4	15.000	14.884	-.116	-.771	1.3450	.004	1
S5	30.000	30.101	.101	.338	2.7201	.002	1
S2	3.7500	3.6139	-.136	-3.63	.32655	.001	1

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4



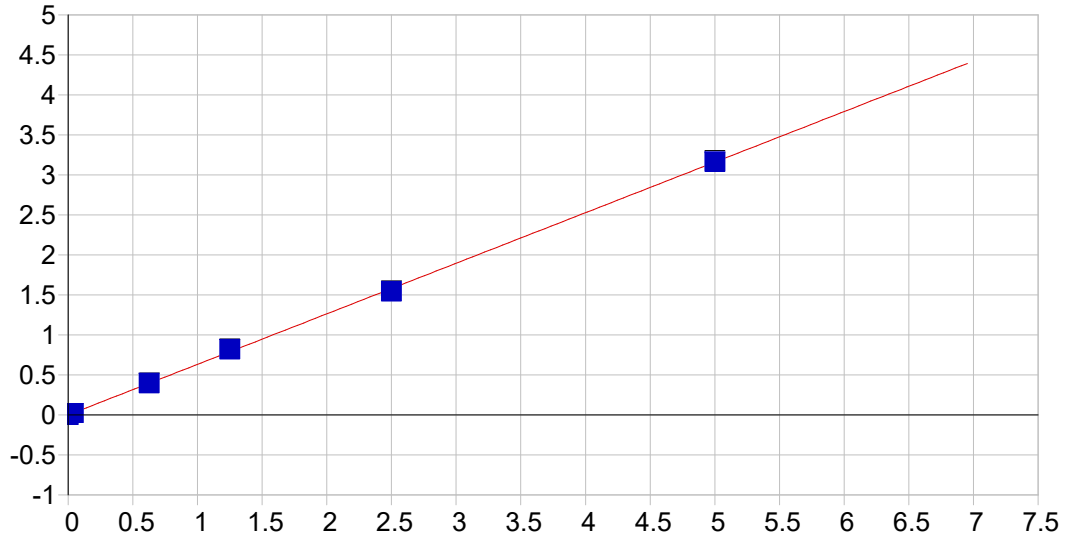
Mg 279.079 {121}

Date of Fit:	1/23/2025 17:27:55	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000076	Re-Slope:	1.000000
A1 (Gain):	0.002931	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999467	Status:	OK.
Std Error of Est:	0.000334		
Predicted MDL:	0.016041		
Predicted MQL:	0.053471		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00132	.001	.000	-.00007	.000	1
S2	62.500	56.415	-6.09	-9.74	.16528	.000	1
S3	125.00	120.76	-4.24	-3.39	.35388	.002	1
S4	250.00	238.75	-11.3	-4.50	.69970	.002	1
S5	500.00	501.33	1.33	.266	1.4693	.006	1
S1	5.0000	4.4133	-.587	-11.7	.01286	.000	1
S6	800.00	820.84	20.8	2.60	2.4058	.004	1

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4



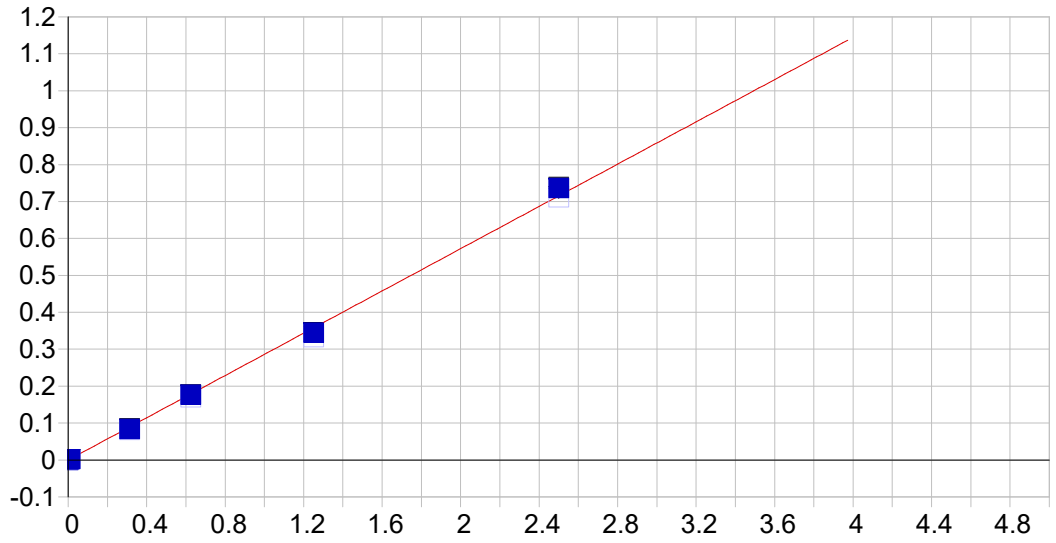
Ni 231.604 {446}

Date of Fit:	1/23/2025 17:27:55	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000285	Re-Slope:	1.000000
A1 (Gain):	0.631952	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999833	Status:	OK.
Std Error of Est:	0.000275		
Predicted MDL:	0.000435		
Predicted MQL:	0.001451		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00029	.000	1
S1	.04000	.04039	.000	.963	.02527	.000	1
S3	1.2500	1.2974	.047	3.79	.82147	.002	1
S4	2.5000	2.4427	-.057	-2.29	1.5471	.003	1
S5	5.0000	5.0044	.004	.088	3.1697	.011	1
S2	.62500	.63005	.005	.808	.39880	.001	1

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4



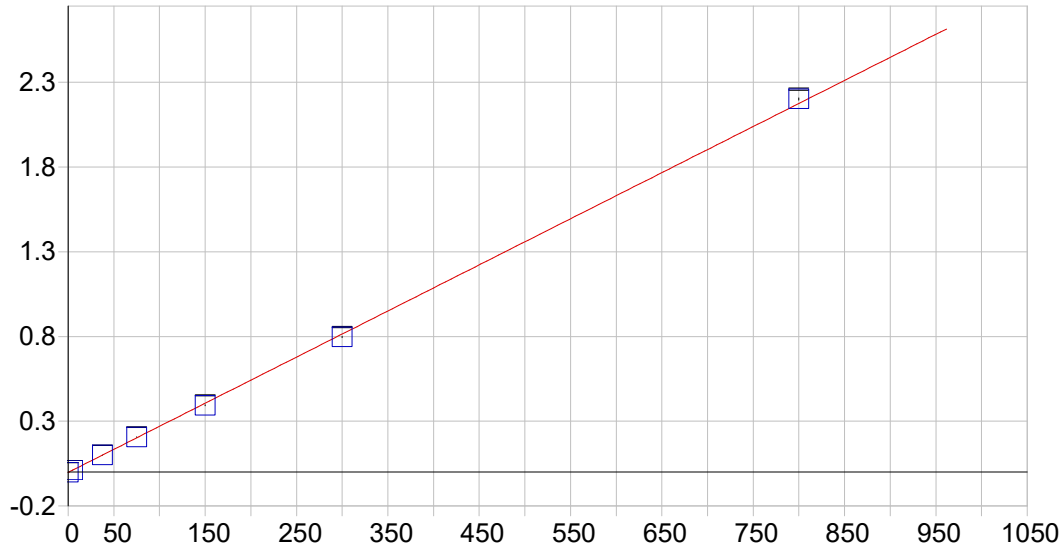
Ag 328.068 {103}

Date of Fit:	1/23/2025 17:27:55	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000141	Re-Slope:	1.000000
A1 (Gain):	0.286214	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999419	Status:	OK.
Std Error of Est:	0.000079		
Predicted MDL:	0.000416		
Predicted MQL:	0.001387		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00014	.000	1
S1	.01000	.00913	-.001	-8.69	.00245	.000	1
S3	.62500	.61562	-.009	-1.50	.16975	.000	1
S4	1.2500	1.2051	-.045	-3.59	.33218	.001	1
S5	2.5000	2.5736	.074	2.94	.71124	.003	1
S2	.31250	.29405	-.018	-5.91	.08087	.000	1

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4



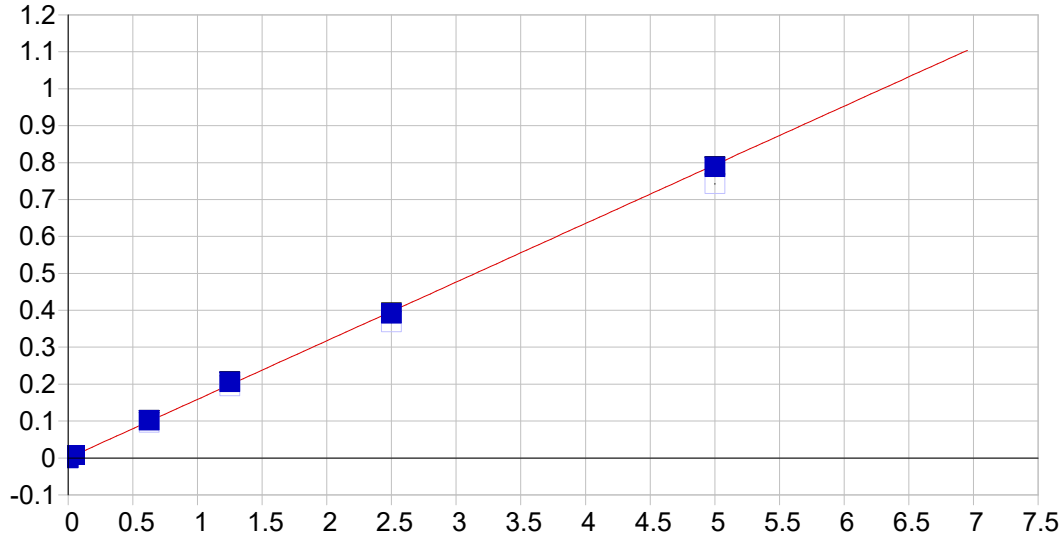
Na 818.326 { 41}

Date of Fit:	1/23/2025 17:27:55	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.002130	Re-Slope:	1.000000
A1 (Gain):	0.002722	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999846	Status:	OK.
Std Error of Est:	0.000148		
Predicted MDL:	0.460167		
Predicted MQL:	1.533890		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00031	.000	.000	-.00213	.001	1
S2	37.500	37.429	-.071	-.188	.09974	.001	1
S3	75.000	76.428	1.43	1.90	.20589	.002	1
S4	150.00	145.40	-4.60	-3.07	.39361	.003	1
S5	300.00	293.77	-6.23	-2.08	.79742	.004	1
S1	5.0000	4.8056	-.194	-3.89	.01095	.001	1
S6	800.00	809.67	9.67	1.21	2.2016	.006	1

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4



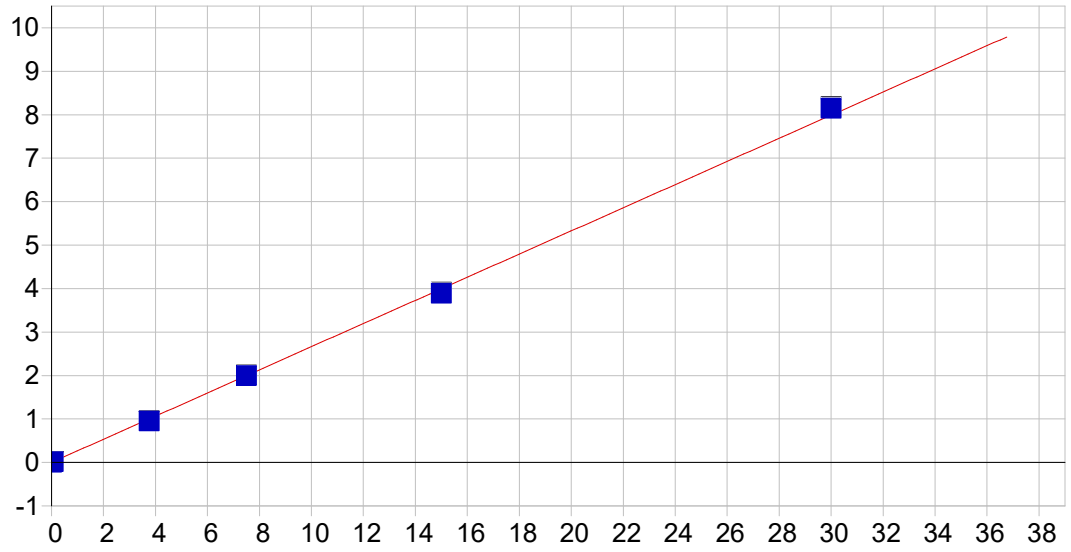
V 292.402 {115}

Date of Fit:	1/23/2025 17:27:55	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000111	Re-Slope:	1.000000
A1 (Gain):	0.158822	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999802	Status:	OK.
Std Error of Est:	0.000079		
Predicted MDL:	0.002269		
Predicted MQL:	0.007564		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00011	.000	1
S1	.05000	.05357	.004	7.14	.00838	.000	1
S3	1.2500	1.2984	.048	3.87	.19449	.001	1
S4	2.5000	2.4644	-.036	-1.42	.36808	.002	1
S5	5.0000	4.9665	-.033	-.669	.74224	.001	1
S2	.62500	.64184	.017	2.69	.09602	.000	1

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4



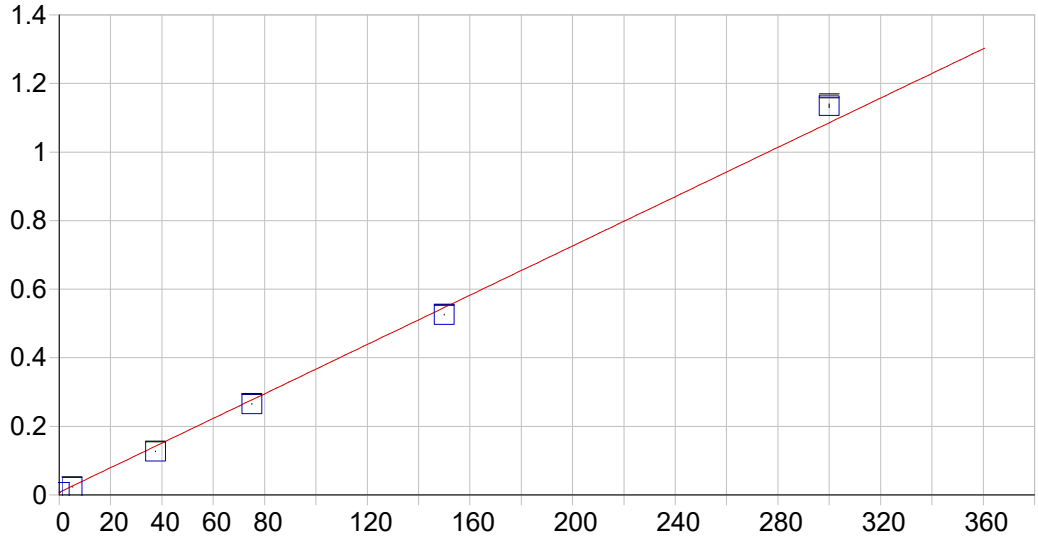
Zn 213.856 {158}

Date of Fit:	1/23/2025 17:27:55	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000500	Re-Slope:	1.000000
A1 (Gain):	0.266318	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999722	Status:	OK.
Std Error of Est:	0.000449		
Predicted MDL:	0.001855		
Predicted MQL:	0.006183		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00050	.001	1
S1	.06000	.05689	-.003	-5.19	.01574	.000	1
S3	7.5000	7.5002	.000	.003	2.0055	.009	1
S4	15.000	14.611	-.389	-2.59	3.9068	.012	1
S5	30.000	30.585	.585	1.95	8.1758	.014	1
S2	3.7500	3.5571	-.193	-5.14	.95157	.001	1

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4



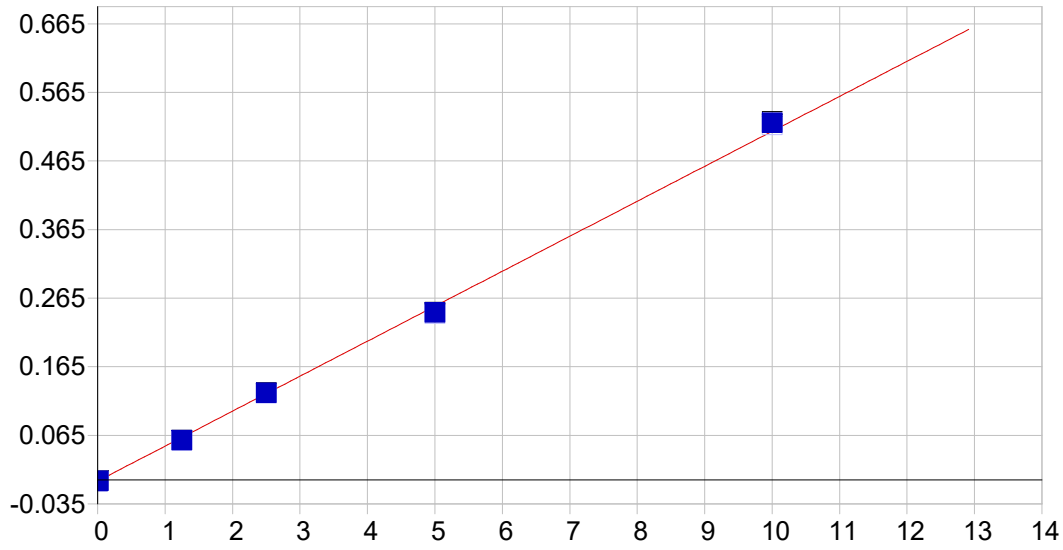
K 769.896 { 44}

Date of Fit:	1/23/2025 17:27:55	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.007441	Re-Slope:	1.000000
A1 (Gain):	0.003594	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.998668	Status:	OK.
Std Error of Est:	0.000383		
Predicted MDL:	0.058514		
Predicted MQL:	0.195047		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00125	.001	.000	.00745	.000	1
S2	37.500	33.282	-4.22	-11.2	.12705	.001	1
S3	75.000	71.799	-3.20	-4.27	.26547	.001	1
S4	150.00	144.21	-5.79	-3.86	.52568	.001	1
S5	300.00	313.72	13.7	4.57	1.1349	.006	1
S1	5.0000	4.4899	-.510	-10.2	.02358	.000	1

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4



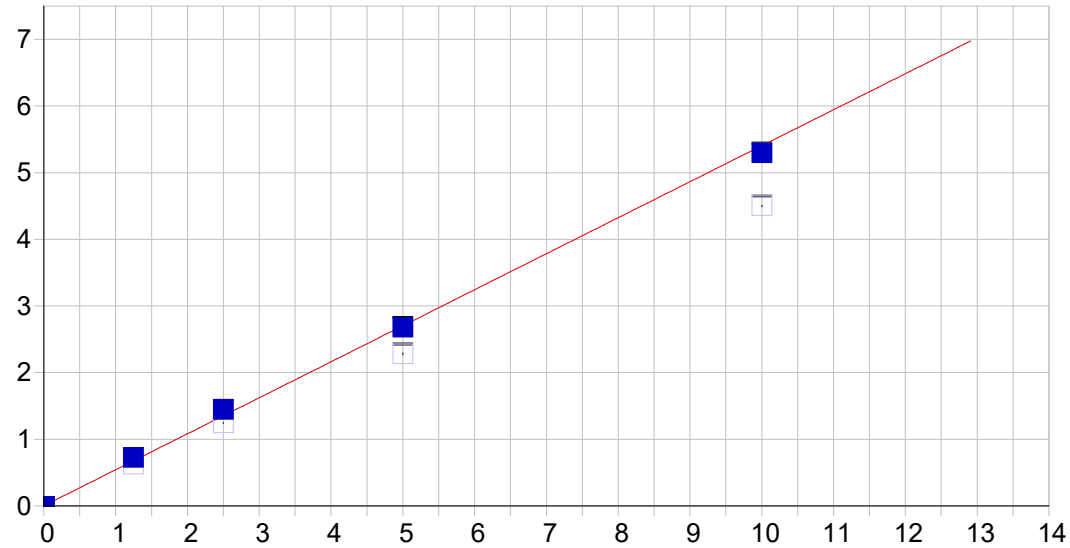
P 177.495 {490}

Date of Fit:	1/23/2025 17:27:55	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.001771	Re-Slope:	1.000000
A1 (Gain):	0.050998	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999497	Status:	OK.
Std Error of Est:	0.000027		
Predicted MDL:	0.002271		
Predicted MQL:	0.007571		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00177	.000	1
S1	.01000	.01038	.000	3.76	-.00124	.000	1
S3	2.5000	2.5199	.020	.795	.12583	.000	1
S4	5.0000	4.8171	-.183	-3.66	.24207	.001	1
S5	10.000	10.247	.247	2.47	.51715	.002	1
S2	1.2500	1.1658	-.084	-6.73	.05723	.000	1

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4



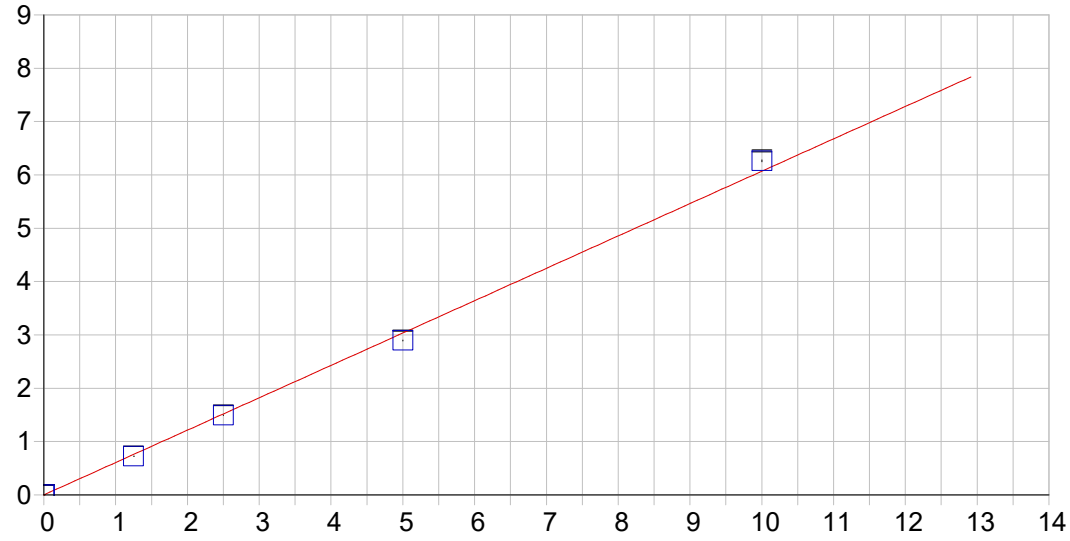
B 249.678 {135}

Date of Fit:	1/23/2025 17:27:55	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.001774	Re-Slope:	1.000000
A1 (Gain):	0.540286	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.998872	Status:	OK.
Std Error of Est:	0.000367		
Predicted MDL:	0.000770		
Predicted MQL:	0.002568		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00178	.000	1
S1	.01000	.00069	-.009	-93.1	.00187	.000	1
S3	2.5000	2.6699	.170	6.80	1.2456	.007	1
S4	5.0000	4.9530	-.047	-.941	2.2804	.015	1
S5	10.000	9.7997	-.200	-2.00	4.5017	.013	1
S2	1.2500	1.3378	.088	7.02	.62522	.002	1

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4



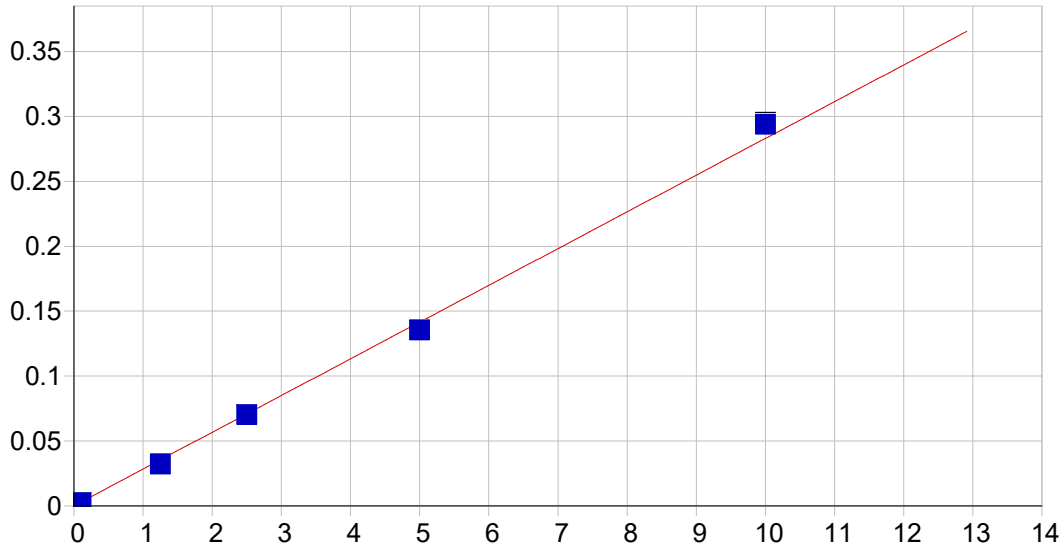
Mo 202.030 {467}

Date of Fit:	1/23/2025 17:27:55	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000387	Re-Slope:	1.000000
A1 (Gain):	0.606904	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999380	Status:	OK.
Std Error of Est:	0.000359		
Predicted MDL:	0.000353		
Predicted MQL:	0.001175		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00039	.000	1
S1	.01000	.00965	-.000	-3.45	.00625	.000	1
S3	2.5000	2.4635	-.037	-1.46	1.4955	.005	1
S4	5.0000	4.7721	-.228	-4.56	2.8966	.009	1
S5	10.000	10.318	.318	3.18	6.2623	.019	1
S2	1.2500	1.1969	-.053	-4.25	.72679	.002	1

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4



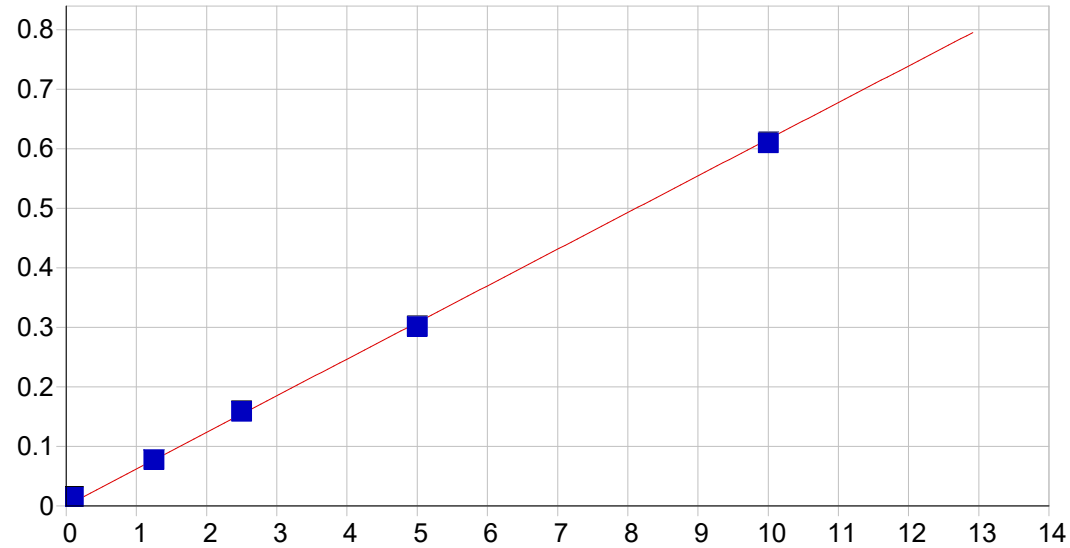
S 182.034 {485}

Date of Fit:	1/23/2025 17:27:55	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000144	Re-Slope:	1.000000
A1 (Gain):	0.028291	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.998999	Status:	OK.
Std Error of Est:	0.000067		
Predicted MDL:	0.004053		
Predicted MQL:	0.013509		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00003	.000	.000	.00014	.000	1
S1	.10000	.08562	-.014	-14.4	.00257	.000	1
S3	2.5000	2.4741	-.026	-1.04	.07023	.000	1
S4	5.0000	4.7796	-.220	-4.41	.13554	.000	1
S5	10.000	10.380	.380	3.80	.29416	.001	1
S2	1.2500	1.1307	-.119	-9.54	.03218	.000	1

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4



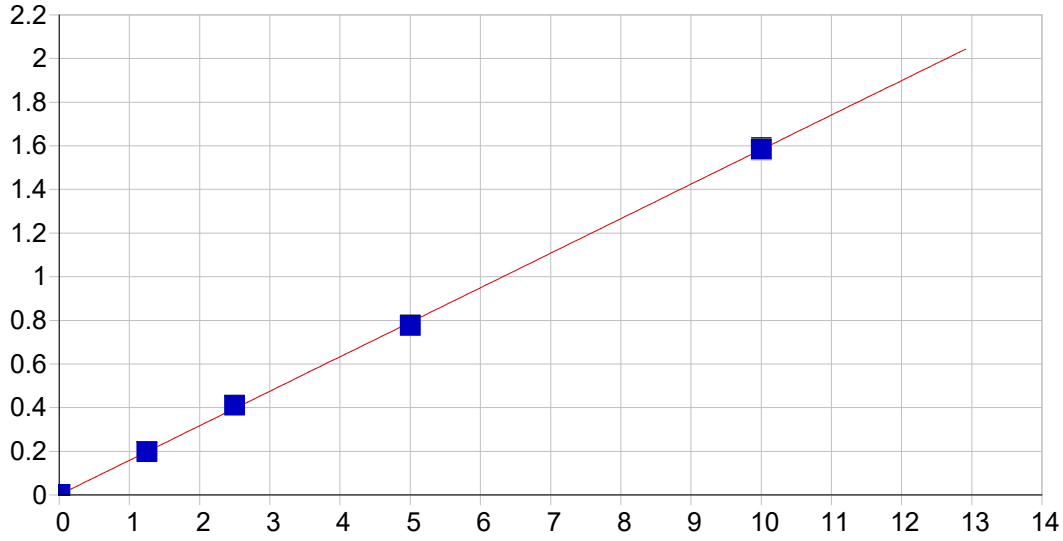
Si 251.611 {134}

Date of Fit:	1/23/2025 17:27:55	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000361	Re-Slope:	1.000000
A1 (Gain):	0.061582	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.994754	Status:	OK.
Std Error of Est:	0.000338		
Predicted MDL:	0.003649		
Predicted MQL:	0.012164		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00014	-.000	.000	.00035	.000	1
S1	.10000	.23947	.139	139.	.01511	.000	1
S3	2.5000	2.5721	.072	2.89	.15922	.001	1
S4	5.0000	4.8845	-.116	-2.31	.30208	.001	1
S5	10.000	9.8989	-.101	-1.01	.61181	.001	1
S2	1.2500	1.2553	.005	.428	.07790	.000	1

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4



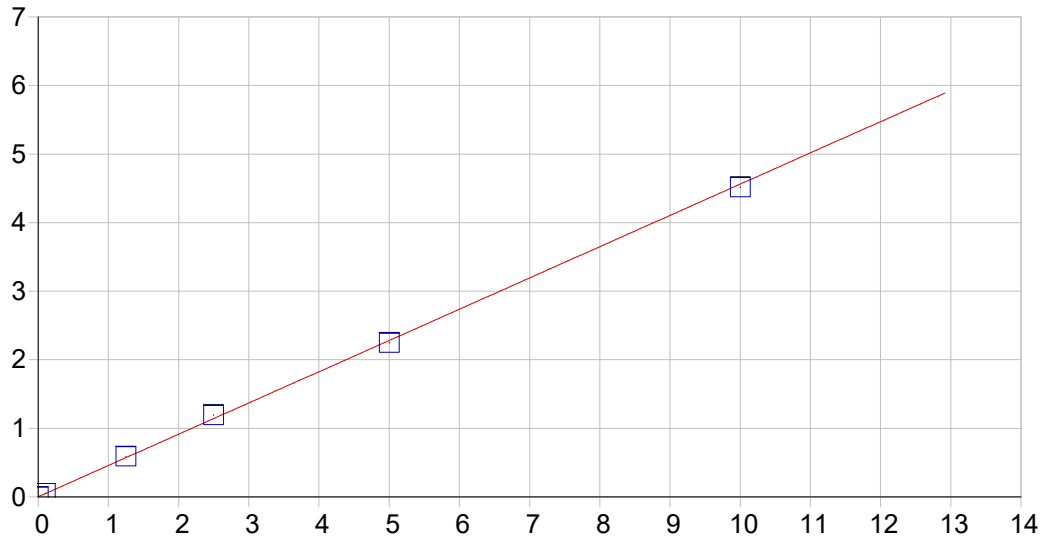
Sn 189.989 {478}

Date of Fit:	1/23/2025 17:27:55	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000232	Re-Slope:	1.000000
A1 (Gain):	0.158233	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999856	Status:	OK.
Std Error of Est:	0.000037		
Predicted MDL:	0.000834		
Predicted MQL:	0.002779		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00023	.000	1
S1	.00700	.00670	-.000	-4.27	.00124	.000	1
S3	2.5000	2.5930	.093	3.72	.40931	.001	1
S4	5.0000	4.9035	-.097	-1.93	.77368	.002	1
S5	10.000	10.007	.007	.073	1.5788	.007	1
S2	1.2500	1.2465	-.004	-.283	.19685	.000	1

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4



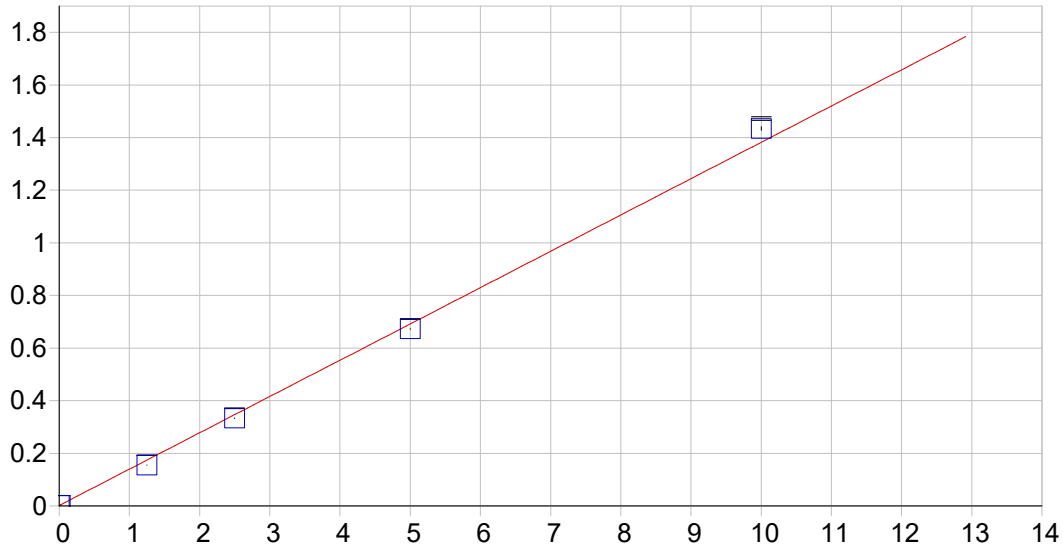
Ti 336.121 {100}

Date of Fit:	1/23/2025 17:27:55	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.002578	Re-Slope:	1.000000
A1 (Gain):	0.455833	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999771	Status:	OK.
Std Error of Est:	0.000518		
Predicted MDL:	0.001060		
Predicted MQL:	0.003535		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00257	.001	1
S1	.10000	.10543	.005	5.43	.05064	.000	1
S3	2.5000	2.6140	.114	4.56	1.1941	.005	1
S4	5.0000	4.9316	-.068	-1.37	2.2506	.005	1
S5	10.000	9.9078	-.092	-.922	4.5189	.004	1
S2	1.2500	1.2911	.041	3.29	.59110	.001	1

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4



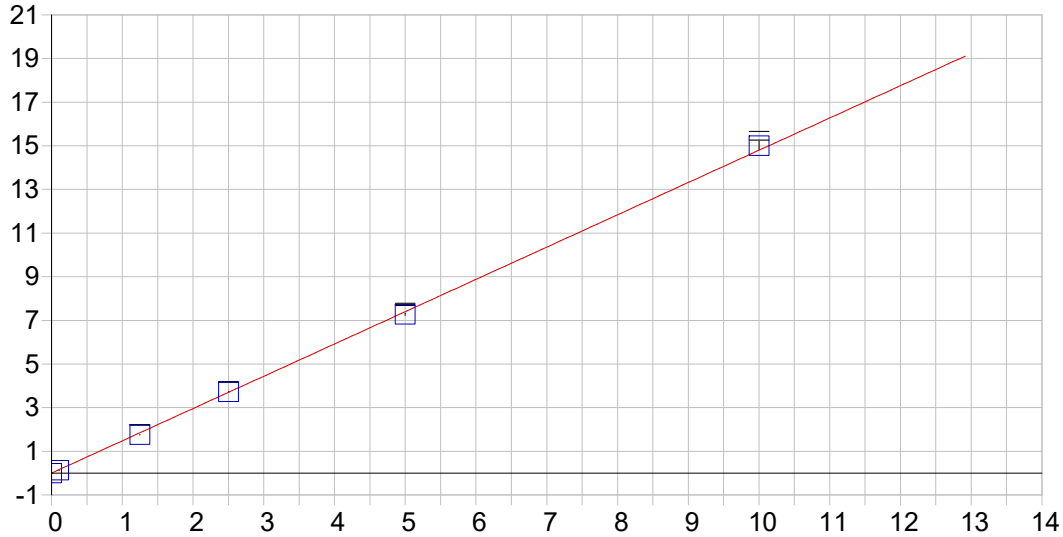
Li 670.784 { 50}

Date of Fit:	1/23/2025 17:27:55	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.001631	Re-Slope:	1.000000
A1 (Gain):	0.138026	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.998984	Status:	OK.
Std Error of Est:	0.000128		
Predicted MDL:	0.001528		
Predicted MQL:	0.005095		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00163	.000	1
S5	10.000	10.381	.381	3.81	1.4344	.007	1
S4	5.0000	4.8610	-.139	-2.78	.67257	.001	1
S3	2.5000	2.4000	-.100	-4.00	.33290	.001	1
S1	.01500	.01300	-.002	-13.4	.00342	.000	1
S2	1.2500	1.1104	-.140	-11.2	.15490	.001	1

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4



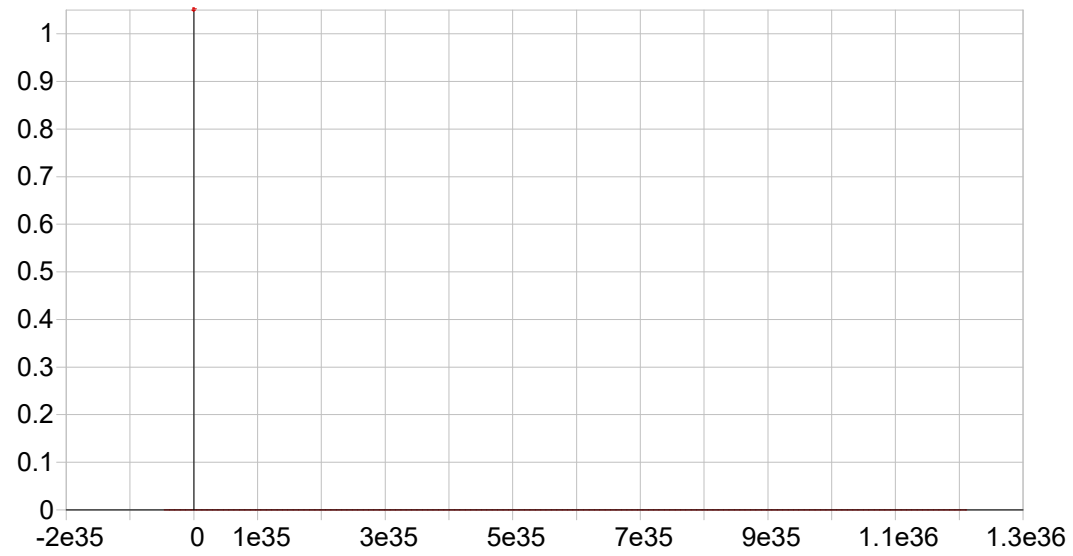
Sr 407.771 { 83}

Date of Fit:	1/23/2025 17:27:55	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000011	Re-Slope:	1.000000
A1 (Gain):	1.479803	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999772	Status:	OK.
Std Error of Est:	0.001678		
Predicted MDL:	0.000076		
Predicted MQL:	0.000254		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00002	.000	.000	.00004	.000	1
S1	.10000	.08629	-.014	-13.7	.12771	.001	1
S3	2.5000	2.5194	.019	.775	3.7282	.016	1
S4	5.0000	4.9170	-.083	-1.66	7.2762	.049	1
S5	10.000	10.141	.141	1.41	15.006	.199	1
S2	1.2500	1.1868	-.063	-5.05	1.7563	.009	1

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

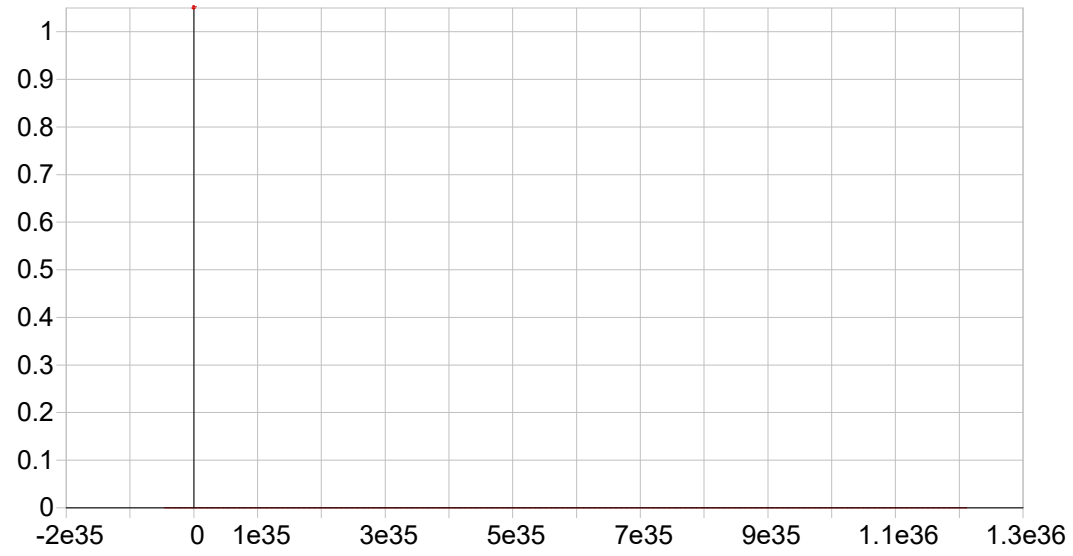


Y 224.306 {450}*

Date of Fit:	1/23/2025 17:27:55	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



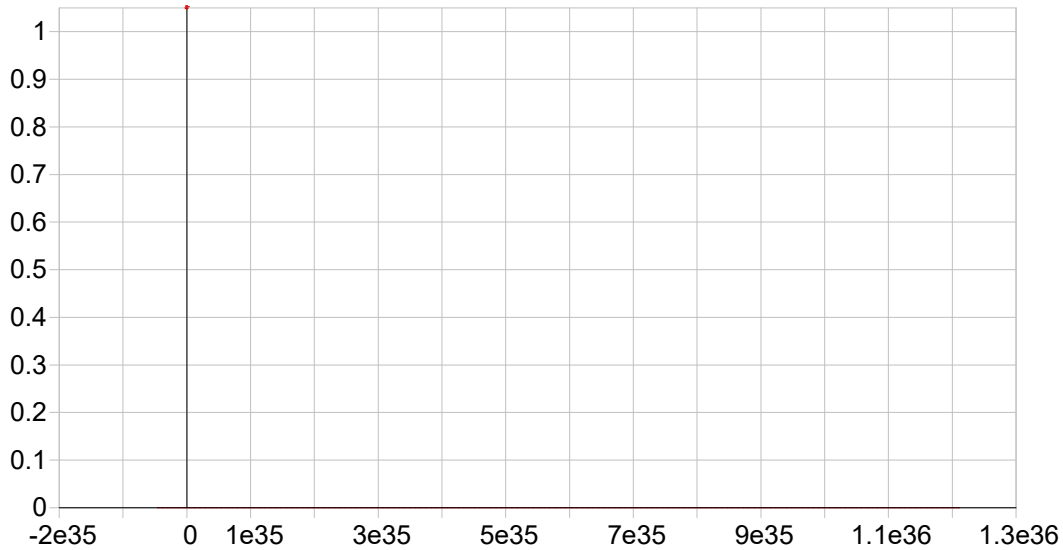
Y 360.073 { 94}*

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:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

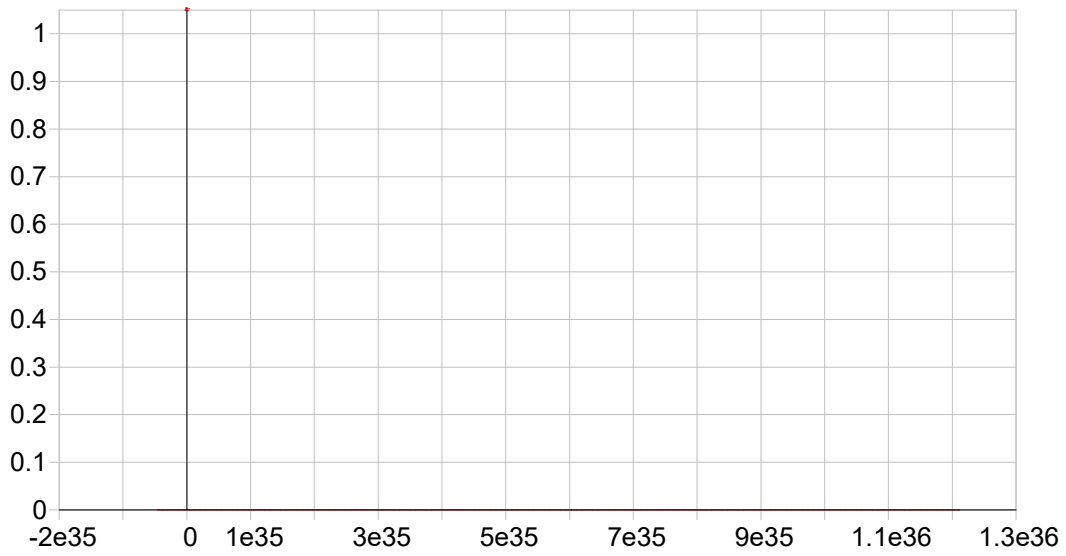
A2 (Curvature):		0.000000					
n (Exponent):		1.000000					
Correlation:		0.000000		Status:	Warning	Zero Gain	
Std Error of Est:		0.000000					
Predicted MDL:		n/a					
Predicted MQL:		n/a					
Std. Name	**Stated Conc.**	**Found Conc.**	**Difference**	**% Diff.**	**(S)IR**	**Std Dev**	**Emphasis**



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:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

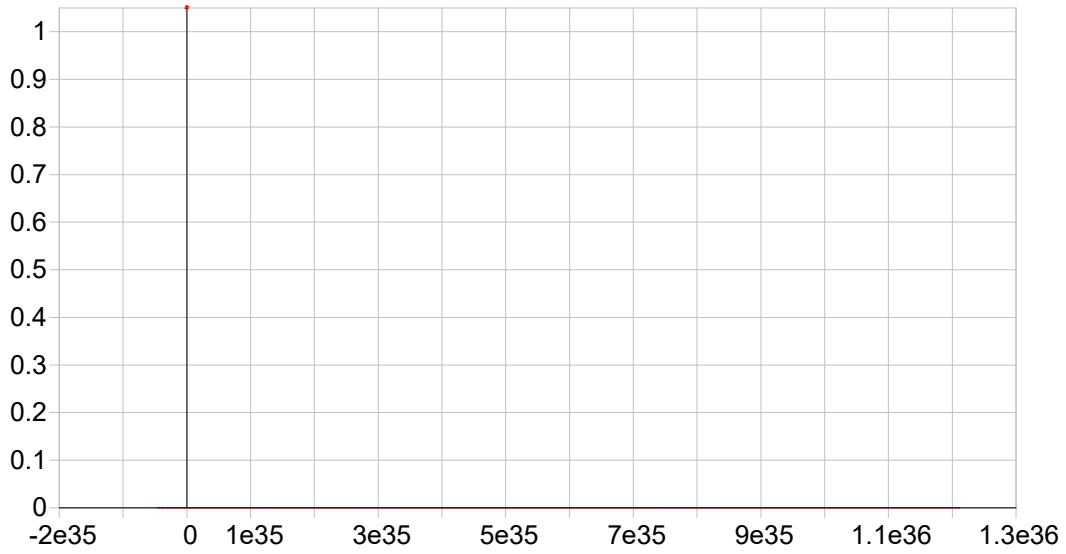


Y 224.306 {150}*

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:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

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:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: S0 Acquired: 1/23/2025 11:45:02 Type: Cal
Method: EPA SFAM01.0(v52) 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	.00004	.00018	.00008	.00031	.00031	.00013	.00849	-.00026
Stddev	.00006	.00004	.00040	.00009	.00014	.00000	.00036	.00025
%RSD	159.01	19.370	476.19	29.003	44.868	1.6720	4.2967	96.300
#1	.00005	.00016	.00024	.00024	.00028	.00012	.00820	.00003
#2	.00009	.00022	-.00037	.00027	.00019	.00013	.00837	-.00042
#3	-.00003	.00017	.00038	.00041	.00046	.00013	.00890	-.00038

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	.00006	.00004	-.00006	-.00003	.00363	.00001	-.00002	-.00007
Stddev	.00035	.00006	.00007	.00009	.00014	.00001	.00003	.00001
%RSD	565.27	134.57	121.95	299.16	3.7820	100.16	159.00	19.730
#1	-.00032	.00008	-.00002	-.00007	.00369	.00001	.00001	-.00006
#2	.00014	-.00002	-.00001	.00007	.00373	.00003	-.00004	-.00008
#3	.00037	.00006	-.00013	-.00010	.00347	.00000	-.00003	-.00008

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	-.00029	-.00014	-.00213	-.00011	.00050	.00745	-.00177	.00178
Stddev	.00009	.00006	.00074	.00022	.00057	.00019	.00005	.00041
%RSD	31.680	39.639	34.573	192.84	113.13	2.5417	2.6092	22.959
#1	-.00019	-.00008	-.00181	.00001	-.00008	.00758	-.00172	.00182
#2	-.00031	-.00016	-.00297	.00001	.00054	.00753	-.00179	.00217
#3	-.00036	-.00018	-.00160	-.00036	.00105	.00723	-.00180	.00135

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.00039	.00014	.00035	.00023	.00257	.00163	.00004
Stddev	.00016	.00003	.00010	.00006	.00055	.00005	.00015
%RSD	40.233	22.736	28.521	25.520	21.472	3.0950	402.16
#1	.00044	.00014	.00025	.00030	.00321	.00163	.00017
#2	.00051	.00018	.00045	.00020	.00228	.00158	-.00012
#3	.00021	.00011	.00036	.00020	.00223	.00168	.00006

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: S0 Acquired: 1/23/2025 11:45:02 Type: Cal
Method: EPA SFAM01.0(v52) 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	3577.3	73221.	9778.9	2600.7	4441.0
Stddev	7.6	92.	59.0	9.0	12.6
%RSD	.21185	.12587	.60286	.34417	.28368
#1	3569.2	73327.	9716.7	2610.1	4426.5
#2	3584.2	73166.	9786.3	2599.6	4449.2
#3	3578.5	73169.	9833.9	2592.3	4447.4

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: S1 Acquired: 1/23/2025 11:49:18 Type: Cal
Method: EPA SFAM01.0(v52) 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	.00051	.00211	.00210	.00267	.00880	.00208	.08059	.02716
Stddev	.00009	.00009	.00028	.00011	.00026	.00007	.00047	.00038
%RSD	18.251	4.4452	13.178	4.0857	2.9945	3.3760	.58058	1.4018
#1	.00041	.00212	.00221	.00280	.00880	.00201	.08039	.02702
#2	.00052	.00202	.00178	.00261	.00853	.00207	.08025	.02759
#3	.00060	.00220	.00230	.00260	.00906	.00215	.08112	.02687

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	.01528	.03939	.00174	.04414	.00796	.00047	.00135	.01286
Stddev	.00025	.00005	.00001	.00017	.00040	.00004	.00002	.00004
%RSD	1.6356	.11807	.69916	.39450	4.9844	8.8501	1.1772	.31762
#1	.01524	.03941	.00173	.04401	.00841	.00048	.00137	.01291
#2	.01505	.03934	.00174	.04433	.00778	.00043	.00134	.01284
#3	.01555	.03943	.00175	.04407	.00768	.00051	.00134	.01284

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	.02527	.00245	.01095	.00838	.01574	.02358	-.00124	.00187
Stddev	.00012	.00005	.00088	.00006	.00004	.00006	.00011	.00021
%RSD	.46720	2.1993	8.0029	.74075	.28475	.27468	8.8067	11.059
#1	.02539	.00239	.01083	.00831	.01574	.02359	-.00113	.00171
#2	.02515	.00247	.01188	.00842	.01579	.02351	-.00134	.00211
#3	.02526	.00249	.01014	.00841	.01570	.02363	-.00127	.00180

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.00625	.00257	.01511	.00124	.05064	.00342	.12771
Stddev	.00015	.00006	.00027	.00008	.00041	.00017	.00070
%RSD	2.4304	2.3759	1.7598	6.5570	.81812	4.9631	.54520
#1	.00641	.00263	.01531	.00130	.05066	.00358	.12732
#2	.00611	.00255	.01481	.00128	.05104	.00324	.12729
#3	.00622	.00251	.01522	.00115	.05021	.00346	.12851

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: S1 Acquired: 1/23/2025 11:49:18 Type: Cal
Method: EPA SFAM01.0(v52) 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	3574.6	72310.	9768.3	2581.9	4393.5
Stddev	3.4	247.	45.9	6.1	6.2
%RSD	.09629	.34095	.46992	.23585	.14010
#1	3570.7	72584.	9776.0	2577.8	4387.0
#2	3576.3	72106.	9719.1	2588.9	4399.3
#3	3576.9	72241.	9809.9	2579.0	4394.0

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: S2 Acquired: 1/23/2025 11:53:33 Type: Cal
Method: EPA SFAM01.0(v52) 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	.07004	.09578	1.4949	.07887	.18193	.38941	.90710	.66175
Stddev	.00009	.00060	.0024	.00039	.00053	.00182	.00434	.00394
%RSD	.12540	.62249	.15941	.49524	.29319	.46729	.47855	.59560
#1	.07013	.09620	1.4924	.07845	.18132	.38829	.90699	.66441
#2	.07003	.09604	1.4952	.07922	.18218	.38842	.90282	.66362
#3	.06996	.09510	1.4972	.07895	.18230	.39151	.91150	.65722

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	1.8944	.47962	.66679	.55745	.55992	.17676	.32655	.16528
Stddev	.0029	.00109	.00036	.00130	.00239	.00072	.00139	.00036
%RSD	.15310	.22812	.05367	.23405	.42664	.40973	.42644	.21808
#1	1.8921	.47862	.66638	.55630	.56268	.17609	.32677	.16489
#2	1.8977	.47943	.66700	.55718	.55849	.17666	.32506	.16560
#3	1.8936	.48079	.66700	.55887	.55859	.17753	.32782	.16535

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	.39880	.08087	.09974	.09602	.95157	.12705	.05723	.62522
Stddev	.00110	.00023	.00141	.00019	.00060	.00067	.00024	.00226
%RSD	.27476	.27925	1.4119	.19834	.06259	.52494	.41762	.36181
#1	.39769	.08096	.10112	.09624	.95168	.12651	.05704	.62751
#2	.39883	.08061	.09981	.09591	.95093	.12683	.05715	.62517
#3	.39988	.08103	.09830	.09591	.95211	.12779	.05750	.62299

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.72679	.03218	.07790	.19685	.59110	.15490	1.7563
Stddev	.00189	.00024	.00026	.00034	.00134	.00082	.0087
%RSD	.25979	.73316	.32808	.17464	.22729	.53150	.49730
#1	.72615	.03244	.07819	.19693	.59265	.15442	1.7622
#2	.72530	.03199	.07777	.19715	.59042	.15443	1.7462
#3	.72891	.03211	.07773	.19647	.59024	.15585	1.7603

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: S2 Acquired: 1/23/2025 11:53:33 Type: Cal
Method: EPA SFAM01.0(v52) 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	3427.4	70520.	9681.9	2497.6	4011.8
Stddev	13.5	49.	39.6	9.5	14.0
%RSD	.39384	.06904	.40877	.38121	.34870
#1	3434.9	70558.	9650.8	2488.0	4023.0
#2	3435.4	70535.	9668.5	2497.7	4016.2
#3	3411.8	70465.	9726.5	2507.0	3996.1

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: S3 Acquired: 1/23/2025 11:57:39 Type: Cal
Method: EPA SFAM01.0(v52) 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	.15091	.19163	3.1017	.16774	.38764	.83568	1.9329	1.3306
Stddev	.00072	.00246	.0033	.00070	.00119	.00382	.0084	.0086
%RSD	.47990	1.2814	.10737	.41456	.30814	.45679	.43618	.64549
#1	.15038	.18929	3.1004	.16712	.38761	.83161	1.9233	1.3391
#2	.15061	.19141	3.0992	.16759	.38646	.83623	1.9391	1.3306
#3	.15173	.19419	3.1055	.16849	.38885	.83918	1.9364	1.3220

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3.9126	1.0162	1.3515	1.1515	1.1322	.37205	.69132	.35388
Stddev	.0077	.0047	.0025	.0019	.0058	.00216	.00292	.00172
%RSD	.19580	.45844	.18688	.16069	.50836	.58124	.42215	.48464
#1	3.9044	1.0109	1.3486	1.1508	1.1359	.36966	.68846	.35194
#2	3.9137	1.0182	1.3533	1.1501	1.1351	.37262	.69429	.35451
#3	3.9196	1.0196	1.3525	1.1536	1.1256	.37387	.69121	.35519

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	.82147	.16975	.20589	.19449	2.0055	.26547	.12583	1.2456
Stddev	.00180	.00035	.00181	.00087	.0089	.00121	.00029	.0071
%RSD	.21866	.20749	.88126	.44580	.44385	.45464	.23174	.56796
#1	.82026	.16958	.20469	.19435	1.9956	.26408	.12558	1.2537
#2	.82061	.17016	.20797	.19542	2.0129	.26606	.12575	1.2423
#3	.82353	.16952	.20499	.19371	2.0079	.26626	.12615	1.2408

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1.4955	.07023	.15922	.40931	1.1941	.33290	3.7282
Stddev	.0047	.00007	.00050	.00053	.0050	.00135	.0163
%RSD	.31473	.09586	.31528	.12968	.41678	.40649	.43649
#1	1.4912	.07016	.15974	.40922	1.1946	.33134	3.7168
#2	1.4948	.07023	.15874	.40883	1.1988	.33379	3.7468
#3	1.5005	.07029	.15918	.40988	1.1889	.33356	3.7210

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: S3 Acquired: 1/23/2025 11:57:39 Type: Cal
Method: EPA SFAM01.0(v52) 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	3176.0	66813.	9589.6	2370.0	3683.3
Stddev	6.8	171.	45.2	8.8	2.8
%RSD	.21541	.25607	.47162	.37020	.07598
#1	3183.9	66990.	9553.7	2379.8	3683.9
#2	3171.9	66649.	9574.7	2367.7	3680.2
#3	3172.2	66801.	9640.4	2362.7	3685.7

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: S4 Acquired: 1/23/2025 12:01:42 Type: Cal
Method: EPA SFAM01.0(v52) 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	.29343	.35759	5.8718	.32138	.75856	1.6734	3.7900	2.4807
Stddev	.00110	.00173	.0104	.00101	.00254	.0057	.0473	.0178
%RSD	.37613	.48463	.17697	.31341	.33433	.34388	1.2485	.71722
#1	.29348	.35588	5.8704	.32097	.75701	1.6777	3.8345	2.4864
#2	.29231	.35756	5.8622	.32064	.75719	1.6756	3.7953	2.4607
#3	.29451	.35934	5.8829	.32253	.76149	1.6668	3.7403	2.4949

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	7.3656	1.9823	2.5470	2.1804	2.1644	.71990	1.3450	.69970
Stddev	.0121	.0047	.0066	.0029	.0050	.00247	.0036	.00232
%RSD	.16372	.23793	.25710	.13227	.22889	.34244	.26361	.33124
#1	7.3628	1.9848	2.5530	2.1799	2.1677	.72124	1.3481	.70154
#2	7.3552	1.9853	2.5400	2.1777	2.1587	.72140	1.3458	.70046
#3	7.3788	1.9769	2.5478	2.1835	2.1667	.71705	1.3411	.69710

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	1.5471	.33218	.39361	.36808	3.9068	.52568	.24207	2.2804
Stddev	.0032	.00053	.00286	.00152	.0120	.00134	.00062	.0150
%RSD	.20854	.15872	.72703	.41305	.30829	.25494	.25764	.65780
#1	1.5461	.33209	.39413	.36823	3.8976	.52659	.24136	2.2816
#2	1.5445	.33170	.39053	.36649	3.9204	.52631	.24229	2.2648
#3	1.5507	.33275	.39618	.36952	3.9023	.52414	.24255	2.2948

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2.8966	.13554	.30208	.77368	2.2506	.67257	7.2762
Stddev	.0091	.00007	.00064	.00197	.0052	.00073	.0493
%RSD	.31518	.05408	.21165	.25480	.22988	.10874	.67746
#1	2.8921	.13548	.30226	.77288	2.2556	.67317	7.2627
#2	2.8906	.13553	.30137	.77223	2.2453	.67279	7.2350
#3	2.9071	.13562	.30261	.77592	2.2508	.67176	7.3308

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: S4 Acquired: 1/23/2025 12:01:42 Type: Cal
Method: EPA SFAM01.0(v52) 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	3015.6	64305.	9577.3	2271.1	3515.1
Stddev	7.9	124.	44.2	3.4	7.4
%RSD	.26221	.19320	.46111	.14855	.21167
#1	3018.3	64163.	9565.2	2274.9	3516.4
#2	3021.8	64389.	9626.2	2269.4	3521.7
#3	3006.7	64364.	9540.4	2268.8	3507.0

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: S5 Acquired: 1/23/2025 12:05:53 Type: Cal
Method: EPA SFAM01.0(v52) 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	.66060	.71529	12.075	.71512	1.7064	3.5776	7.9002	5.0616
Stddev	.00221	.00707	.041	.00280	.0042	.0179	.0169	.0104
%RSD	.33526	.98891	.34091	.39179	.24876	.50083	.21408	.20582
#1	.66061	.71071	12.061	.71547	1.7078	3.5972	7.8811	5.0561
#2	.65838	.71172	12.042	.71215	1.7017	3.5621	7.9132	5.0551
#3	.66281	.72343	12.121	.71772	1.7098	3.5735	7.9064	5.0736

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	14.933	4.1172	5.0681	4.4906	4.4044	1.4780	2.7201	1.4693
Stddev	.061	.0226	.0265	.0158	.0032	.0066	.0017	.0056
%RSD	.41095	.54792	.52229	.35237	.07221	.44774	.06246	.38044
#1	14.907	4.1433	5.0895	4.4855	4.4047	1.4853	2.7215	1.4757
#2	14.888	4.1044	5.0385	4.4780	4.4011	1.4725	2.7207	1.4651
#3	15.003	4.1041	5.0763	4.5084	4.4074	1.4761	2.7182	1.4673

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	3.1697	.71124	.79742	.74224	8.1758	1.1349	.51715	4.5017
Stddev	.0109	.00266	.00370	.00090	.0144	.0059	.00182	.0132
%RSD	.34455	.37416	.46370	.12084	.17657	.52267	.35238	.29364
#1	3.1691	.71256	.79626	.74328	8.1632	1.1414	.51651	4.4889
#2	3.1590	.70817	.80155	.74167	8.1915	1.1299	.51574	4.5008
#3	3.1809	.71298	.79443	.74178	8.1727	1.1332	.51921	4.5153

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6.2623	.29416	.61181	1.5788	4.5189	1.4344	15.006
Stddev	.0191	.00140	.00076	.0072	.0042	.0065	.199
%RSD	.30450	.47540	.12365	.45844	.09267	.45581	1.3247
#1	6.2688	.29392	.61099	1.5742	4.5175	1.4416	15.208
#2	6.2409	.29290	.61248	1.5750	4.5236	1.4288	14.811
#3	6.2773	.29566	.61195	1.5872	4.5155	1.4329	14.999

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: S5 Acquired: 1/23/2025 12:05:53 Type: Cal
Method: EPA SFAM01.0(v52) 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	2601.9	60053.	9228.7	2079.9	3151.4
Stddev	4.2	257.	19.0	4.8	7.8
%RSD	.16331	.42766	.20628	.22971	.24670
#1	2599.2	59820.	9237.3	2077.6	3155.2
#2	2606.8	60328.	9241.9	2085.4	3156.5
#3	2599.7	60011.	9206.8	2076.7	3142.4

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: S6 Acquired: 1/23/2025 12:10:27 Type: Cal
Method: EPA SFAM01.0(v52) 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	9.5094	6.6843	3.9348	2.4058	2.2016
Stddev	.0545	.0180	.0297	.0037	.0063
%RSD	.57324	.26972	.75485	.15572	.28688
#1	9.4642	6.6635	3.9109	2.4017	2.2088
#2	9.4940	6.6950	3.9254	2.4070	2.1988
#3	9.5699	6.6945	3.9680	2.4089	2.1971

Int. Std.	Y_3600	Y_3710
Units	Cts/S	Cts/S
Avg	56117.	8960.0
Stddev	86.	54.9
%RSD	.15366	.61312
#1	56022.	8897.1
#2	56190.	8984.4
#3	56139.	8998.5

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: ICV001 Acquired: 1/23/2025 12:36:38 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICV001 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.007508	1.056205	.9743454	1.061417	.9724914	2.523276
Stddev	.002037	.010363	.0033675	.006486	.0006370	.014806
%RSD	.2022212	.9811987	.3456164	.6110703	.0655043	.5867783
#1	1.005173	1.044673	.9711541	1.059260	.9718062	2.509548
#2	1.008425	1.059202	.9740169	1.056284	.9726022	2.521315
#3	1.008925	1.064740	.9778651	1.068707	.9730657	2.538965

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5453292	.4825052	.4841564	10.18213	.5293949	.4737222
Stddev	.0042311	.0020994	.0016822	.05187	.0017423	.0010740
%RSD	.7758795	.4351132	.3474598	.5094696	.3291171	.2267116
#1	.5406581	.4836393	.4823595	10.13055	.5303987	.4728592
#2	.5464246	.4837937	.4844158	10.18154	.5273830	.4733823
#3	.5489049	.4800826	.4856939	10.23430	.5304030	.4749250

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5502119	10.60016	.5511894	6.541684	.4889528	.2487321
Stddev	.0014583	.04986	.0037545	.036150	.0008844	.0003948
%RSD	.2650457	.4703373	.6811590	.5526079	.1808840	.1587437
#1	.5487428	10.54587	.5470936	6.503295	.4881795	.2491252
#2	.5516592	10.61072	.5520065	6.546684	.4887619	.2487356
#3	.5502339	10.64389	.5544680	6.575074	.4899172	.2483356

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.726646	.4979998	1.072495	10.45073	4.935844	5.188170
Stddev	.095025	.0040928	.006390	.07734	.015983	.027092
%RSD	.9769513	.8218396	.5958193	.7400914	.3238213	.5221939
#1	9.665816	.4932804	1.065154	10.36464	4.919217	5.215727
#2	9.836146	.5005751	1.076809	10.47319	4.937220	5.187216
#3	9.677976	.5001439	1.075522	10.51436	4.951095	5.161567

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: ICV001 Acquired: 1/23/2025 12:36:38 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICV001 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.318601	4.796258	F .0047791	5.367198	5.382237	5.286302
Stddev	.013105	.018220	.0013198	.013257	.023832	.034753
%RSD	.2464064	.3798846	27.61599	.2469981	.4427968	.6574213
#1	5.309410	4.781443	.0041296	5.361938	5.355405	5.250635
#2	5.312785	4.790729	.0062978	5.357378	5.400948	5.288210
#3	5.333608	4.816602	.0039099	5.382277	5.390356	5.320063

Elem	Sr4077
Units	ppm
Avg	5.003630
Stddev	.014046
%RSD	.2807248
#1	5.019191
#2	4.991889
#3	4.999809

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3380.516	70875.27	10010.57	2449.646	4096.622
Stddev	2.593	147.04	38.99	11.164	3.480
%RSD	.0767034	.2074678	.3894777	.4557485	.0849601
#1	3382.789	70832.64	9974.25	2458.416	4100.520
#2	3381.069	71038.92	10005.69	2437.079	4095.520
#3	3377.692	70754.25	10051.77	2453.444	4093.825

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: ICB001 Acquired: 1/23/2025 12:49:25 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICB001 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001954	.0007576	-.001397	.0011592	.0000117	-.008975	-.003369
Stddev	.001083	.0009497	.000372	.0024361	.0013311	.002067	.000637
%RSD	55.40605	125.3602	26.66171	210.1617	11402.82	23.03177	18.91710
#1	-.003175	-.000322	-.001698	.0038878	-.001346	-.006660	-.003154
#2	-.001110	.001463	-.001511	-.000797	.001314	-.009630	-.002867
#3	-.001577	.001132	-.000981	.000387	.000067	-.010636	-.004086

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000015	-.000028	.0000807	.0001880	-.000162	.0021425	.0006149
Stddev	.000132	.000006	.0056087	.0001266	.000175	.0019010	.0028517
%RSD	879.4581	20.60542	6951.911	67.30957	107.6747	88.73041	463.7742
#1	.000038	-.000030	.0064469	.0000842	-.000137	.0002947	-.001448
#2	-.000165	-.000022	-.004133	.0001508	-.000002	.0020402	.003869
#3	.000082	-.000033	-.002072	.0003290	-.000349	.0040926	-.000577

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002218	.0117227	-.000055	-.000243	-.218908	-.000989	.0012173
Stddev	.0000895	.0054109	.000149	.000219	.274555	.000742	.0009770
%RSD	40.37322	46.15774	269.3079	90.08752	125.4203	75.07495	80.26074
#1	.0003064	.0077207	.000100	-.000291	-.323073	-.000348	.0004672
#2	.0002307	.0095684	-.000197	-.000433	.092487	-.000816	.0023221
#3	.0001281	.0178789	-.000069	-.000004	-.426137	-.001803	.0008625

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.054035	-.000737	.0039160	-.000140	.0006459	.0022398	-.000528
Stddev	.010022	.000706	.0009405	.000086	.0003131	.0024815	.000621
%RSD	18.54771	95.67552	24.01607	61.14295	48.47333	110.7917	117.6057
#1	-.064394	-.001290	.0044576	-.000224	.0008908	.0050915	-.000557
#2	-.044387	.000057	.0044602	-.000053	.0002931	.0005719	-.001134
#3	-.053325	-.000979	.0028300	-.000144	.0007537	.0010560	.000107

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: ICB001 Acquired: 1/23/2025 12:49:25 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICB001 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000487	-.002287	.0000263
Stddev	.000580	.001007	.0000534
%RSD	119.1775	44.03790	203.4712
#1	-.000061	-.003213	.0000793
#2	-.001148	-.002432	-.000028
#3	-.000252	-.001215	.000027

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3411.618	72648.05	9967.265	2493.233	4330.189
Stddev	2.240	1394.20	60.889	33.178	12.566
%RSD	.0656454	1.919114	.6108920	1.330730	.2902014
#1	3412.034	74253.56	10015.39	2530.719	4324.633
#2	3413.621	71742.58	9898.81	2467.643	4344.575
#3	3409.200	71948.01	9987.59	2481.338	4321.359

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: ICSA001 Acquired: 1/23/2025 13:08:35 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICSA001 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000667	.0028375	.0034639	.0264925	.0076593	236.8295
Stddev	.002918	.0044781	.0012263	.0008461	.0025196	.7369
%RSD	437.4662	157.8187	35.40130	3.193678	32.89573	.3111505
#1	-.000096	.0005937	.0021176	.0274177	.0087739	237.5950
#2	.001923	.0079939	.0037573	.0263016	.0094294	236.7683
#3	-.003829	-.000075	.0045169	.0257582	.0047747	236.1250

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0030690	-.000685	.0014557	244.3977	.0610420	.0010145
Stddev	.0002509	.000085	.0001224	.6303	.0005902	.0001322
%RSD	8.175992	12.33755	8.408626	.2578852	.9667969	13.02993
#1	.0033105	-.000780	.0014795	245.0869	.0613979	.0010730
#2	.0030870	-.000658	.0013232	244.2554	.0613674	.0011074
#3	.0028096	-.000618	.0015645	243.8507	.0603608	.0008632

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.007580	102.0137	.0126633	239.7192	.0036649	.0030744
Stddev	.002441	.3349	.0002022	.3577	.0000758	.0002051
%RSD	32.19492	.3282712	1.596917	.1492005	2.068885	6.671846
#1	-.005286	102.3698	.0124580	240.0615	.0036442	.0028554
#2	-.010144	101.9661	.0128623	239.7482	.0036016	.0031056
#3	-.007311	101.7051	.0126696	239.3479	.0037489	.0032621

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.290889	-.004441	-.007031	-.090357	.0052797	F .4102032
Stddev	.138758	.000511	.002730	.038247	.0018018	.0025457
%RSD	47.70126	11.51507	38.83297	42.32876	34.12660	.6206082
#1	-.151146	-.004556	-.005112	-.079063	.0042072	.4129908
#2	-.292881	-.004885	-.010157	-.132980	.0073599	.4096173
#3	-.428639	-.003882	-.005824	-.059029	.0042721	.4080014

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: ICSA001 Acquired: 1/23/2025 13:08:35 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICSA001 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000797	.0230679	.0037426	-.002902	-.003605	.0045075
Stddev	.000405	.0024484	.0031375	.000595	.000698	.0011283
%RSD	50.84201	10.61408	83.83012	20.51226	19.37473	25.03223
#1	-.000858	.0249910	.0038617	-.002217	-.002816	.0046237
#2	-.001168	.0239011	.0005473	-.003297	-.003853	.0055732
#3	-.000365	.0203116	.0068188	-.003191	-.004145	.0033256

Elem	Sr4077
Units	ppm
Avg	.0922856
Stddev	.0004400
%RSD	.4767352
#1	.0927411
#2	.0922527
#3	.0918630

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3066.278	63583.25	9664.174	2197.089	3547.751
Stddev	13.093	205.73	24.431	3.656	9.331
%RSD	.4270001	.3235640	.2527948	.1663917	.2630034
#1	3051.189	63689.15	9685.203	2195.978	3537.034
#2	3074.642	63346.14	9637.375	2194.118	3554.069
#3	3073.004	63714.46	9669.945	2201.172	3552.151

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: ICSAB001 Acquired: 1/23/2025 13:15:52 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICSAB001 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0918198	.1098257	.0528339	.0647005	.5534514	227.9911
Stddev	.0020233	.0021457	.0024690	.0012526	.0035093	.4302
%RSD	2.203566	1.953757	4.673055	1.936038	.6340663	.1886844
#1	.0928618	.1079648	.0517330	.0647195	.5494215	227.5513
#2	.0931098	.1121728	.0556618	.0659436	.5550993	228.0111
#3	.0894879	.1093394	.0511069	.0634385	.5558334	228.4109

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4749284	.5048580	.9729587	234.3466	.5991342	.4919130
Stddev	.0002778	.0011027	.0021930	.4266	.0017579	.0008793
%RSD	.0584902	.2184205	.2253958	.1820482	.2934039	.1787408
#1	.4748137	.5052396	.9712608	233.9267	.5991233	.4914646
#2	.4747263	.5057194	.9721808	234.7796	.6008975	.4913483
#3	.4752451	.5036152	.9754347	234.3335	.5973818	.4929260

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4710609	97.77485	.4940111	229.0995	.9771576	.2029260
Stddev	.0051461	.14423	.0007656	.4426	.0021783	.0009210
%RSD	1.092457	.1475100	.1549732	.1931786	.2229214	.4538780
#1	.4708766	97.61326	.4932523	228.6256	.9772452	.2031902
#2	.4660095	97.89054	.4947833	229.5021	.9749368	.2036861
#3	.4762968	97.82076	.4939976	229.1708	.9792907	.2019017

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.341063	.4712411	.9656002	-.468326	.0054772	F .3871947
Stddev	.233776	.0019848	.0049414	.023720	.0003853	.0007042
%RSD	68.54347	.4211846	.5117430	5.064843	7.034378	.1818684
#1	-.467830	.4732672	.9669039	-.495407	.0059219	.3864001
#2	-.071284	.4711558	.9601377	-.451234	.0052660	.3877415
#3	-.484075	.4693003	.9697590	-.458339	.0052438	.3874426

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: ICSAB001 Acquired: 1/23/2025 13:15:52 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICSAB001 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001195	.0159721	.0039508	-.004014	-.004684	.0024809
Stddev	.000287	.0087316	.0030609	.000628	.001240	.0012736
%RSD	23.99108	54.66816	77.47655	15.63945	26.46200	51.33544
#1	-.000916	.0147035	.0072884	-.004529	-.006009	.0028352
#2	-.001489	.0252686	.0032893	-.003315	-.003553	.0035397
#3	-.001180	.0079441	.0012747	-.004197	-.004490	.0010677

Elem	Sr4077
Units	ppm
Avg	.0882112
Stddev	.0002754
%RSD	.3121494
#1	.0879300
#2	.0882234
#3	.0884803

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3137.789	63569.21	9440.399	2210.991	3646.544
Stddev	1.729	163.92	27.335	3.705	2.371
%RSD	.0551011	.2578621	.2895544	.1675637	.0650143
#1	3137.395	63556.48	9418.078	2207.449	3648.018
#2	3136.291	63412.02	9432.233	2214.840	3647.804
#3	3139.680	63739.12	9470.887	2210.685	3643.809

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: CCV001 Acquired: 1/23/2025 13:28:51 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV001 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**4.959269**	**4.948479**	**24.53406**	**4.998708**	**5.055975**	**419.8155**
Stddev	.010902	.028607	.03998	.013263	.010027	.8660
%RSD	.2198341	.5780910	.1629417	.2653250	.1983266	.2062892
#1	4.947801	4.917261	24.53438	4.984287	5.046248	419.3417
#2	4.969499	4.954737	24.49392	5.001455	5.055399	419.2898
#3	4.960508	4.973438	24.57387	5.010383	5.066277	420.8151

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**10.44686**	**.4887662**	**2.475746**	**414.7822**	**15.79966**	**2.494841**
Stddev	.09389	.0015877	.001915	.5987	.01238	.003735
%RSD	.8987499	.3248375	.0773368	.1443420	.0783705	.1497181
#1	10.53104	.4903682	2.476633	414.5312	15.81396	2.497817
#2	10.46394	.4871933	2.473549	414.3498	15.79256	2.490650
#3	10.34560	.4887371	2.477057	415.4655	15.79248	2.496058

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**14.79702**	**420.6141**	**15.51223**	**412.9021**	**2.488414**	**1.313454**
Stddev	.02059	1.1135	.02592	.6303	.004104	.000643
%RSD	.1391539	.2647256	.1670698	.1526477	.1649199	.0489313
#1	14.80181	419.5591	15.48577	412.1846	2.491630	1.314192
#2	14.81479	421.7780	15.53757	413.3661	2.483792	1.313022
#3	14.77446	420.5053	15.51334	413.1558	2.489821	1.313147

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**389.7901**	**2.463543**	**16.00813**	**162.6031**	**4.980700**	F **5.896645**
Stddev	.4486	.007229	.04238	.6050	.006813	.005164
%RSD	.1150769	.2934386	.2647600	.3720694	.1367957	.0875704
#1	389.3936	2.456452	15.96625	161.9671	4.976878	5.901997
#2	390.2770	2.470902	16.05100	163.1714	4.976655	5.891692
#3	389.6996	2.463276	16.00715	162.6710	4.988567	5.896246

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: CCV001 Acquired: 1/23/2025 13:28:51 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV001 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.966958	5.038593	4.946768	4.946838	4.943762	5.337739
Stddev	.007213	.031784	.009875	.009354	.003343	.016372
%RSD	.1452225	.6308145	.1996335	.1890963	.0676287	.3067296
#1	4.958711	5.062468	4.958147	4.951280	4.944173	5.322945
#2	4.970072	5.002515	4.941721	4.936090	4.946880	5.355329
#3	4.972092	5.050795	4.940436	4.953142	4.940232	5.334942

Elem	Sr4077
Units	ppm
Avg	5.295587
Stddev	.044645
%RSD	.8430632
#1	5.265172
#2	5.274749
#3	5.346842

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2737.625	59158.20	9359.951	1997.687	3192.689
Stddev	2.622	1.10	17.811	3.317	3.514
%RSD	.0957849	.0018601	.1902878	.1660437	.1100527
#1	2740.342	59157.38	9339.846	2001.332	3190.873
#2	2735.109	59157.77	9373.753	1994.845	3196.739
#3	2737.425	59159.45	9366.255	1996.886	3190.455

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: CCB001 Acquired: 1/23/2025 13:33:09 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB001 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002236	-.001103	-.000042	.0030579	.0002468	.0048564	-.002834
Stddev	.000717	.001328	.001060	.0023039	.0008091	.0019726	.000581
%RSD	32.07343	120.4030	2523.912	75.34482	327.8022	40.61881	20.50965
#1	-.002275	.000374	-.000527	.0005805	-.000161	.0026366	-.002445
#2	-.002933	-.002198	.001174	.0051362	-.000278	.0055242	-.003502
#3	-.001500	-.001483	-.000773	.0034568	.001179	.0064084	-.002556

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000200	.0000437	.0095938	.0003425	-.000056	.0057997	.0070983
Stddev	.0000807	.0000222	.0046519	.0002399	.000288	.0013910	.0010005
%RSD	403.1908	50.85127	48.48839	70.02611	518.1180	23.98473	14.09489
#1	.0000383	.0000603	.0107471	.0003229	-.000129	.0058758	.0065595
#2	-.000068	.0000524	.0135605	.0005916	-.000300	.0071511	.0064826
#3	.000090	.0000185	.0044737	.0001131	.000262	.0043722	.0082527

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004116	.0159269	.0001469	-.000145	.1096728	.0004571	.0003431
Stddev	.0002737	.0270143	.0002001	.000284	.1808451	.0016470	.0008937
%RSD	66.49989	169.6142	136.2314	195.1489	164.8951	360.3479	260.5032
#1	.0002132	-.003230	.0003145	-.000252	.2382672	.0020861	-.000472
#2	.0007239	.046825	.0002007	-.000361	-.097111	-.001207	.001299
#3	.0002977	.004186	-.000075	.000176	.187863	.000492	.000203

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0495353	.0019191	.0059073	-.000015	.0012597	.0007045	-.000249
Stddev	.0078743	.0009484	.0002410	.000155	.0013838	.0030113	.000608
%RSD	15.89638	49.41871	4.079962	1023.897	109.8553	427.4384	244.3229
#1	.0585853	.0013015	.0060167	-.000095	.0026199	.0041293	.000321
#2	.0457711	.0014447	.0056310	.000164	.0013058	-.000487	-.000179
#3	.0442496	.0030110	.0060743	-.000114	-.000147	-.001529	-.000888

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: CCB001 Acquired: 1/23/2025 13:33:09 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB001 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0005603	-.001751	.0000889
Stddev	.0007359	.001288	.0000403
%RSD	131.3283	73.59963	45.33711
#1	.0004375	-.000316	.0001349
#2	.0013499	-.002809	.0000723
#3	-.000106	-.002127	.0000596

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3463.920	71869.20	9977.434	2451.366	4413.945
Stddev	15.723	246.22	20.204	13.774	20.089
%RSD	.4538973	.3425926	.2024944	.5618753	.4551229
#1	3446.409	71623.83	9954.167	2435.695	4391.359
#2	3476.826	71867.50	9987.595	2456.848	4429.818
#3	3468.525	72116.26	9990.540	2461.554	4420.658

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: PB166001BL Acquired: 1/23/2025 13:37:18 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: PBS001 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001768	-.000054	-.000416	.0000560	.0002856	-.007382	-.001765
Stddev	.001620	.000862	.001071	.0026706	.0003694	.004163	.000977
%RSD	91.60198	1585.518	257.6481	4768.203	129.3311	56.39637	55.36121
#1	-.003541	-.000140	-.001548	.0029775	-.000117	-.011969	-.001270
#2	-.000364	-.000870	.000581	-.000550	.000366	-.006333	-.002890
#3	-.001400	.000847	-.000280	-.002260	.000608	-.003843	-.001134

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000071	-.000044	.0067167	.0004608	-.000023	.0036982	-.004601
Stddev	.0000296	.000038	.0064630	.0003175	.000107	.0021008	.004599
%RSD	419.9400	85.92933	96.22364	68.89622	466.9758	56.80563	99.96543
#1	.0000252	-.000078	.0063866	.0005286	-.000115	.0028675	.000634
#2	-.000027	-.000050	.0133384	.0007390	-.000048	.0021398	-.006444
#3	.000023	-.000004	.0004250	.0001149	.000094	.0060874	-.007993

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003295	.0141282	-.000135	-.000253	.0903481	.0014476	-.001600
Stddev	.0003120	.0089386	.000327	.000353	.1847607	.0015365	.003339
%RSD	94.70445	63.26774	242.4050	139.8837	204.4988	106.1426	208.7565
#1	.0005765	.0091122	.000044	-.000473	-.120882	-.000314	-.003815
#2	-.000021	.0244483	.000063	.000155	.221906	.002142	-.003226
#3	.000433	.0088241	-.000513	-.000440	.170020	.002514	.002241

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0310754	.0006236	.0032947	-.000174	.0020307	.0078591	.0000862
Stddev	.0746093	.0009594	.0005072	.000215	.0022338	.0010156	.0011120
%RSD	240.0916	153.8640	15.39525	123.6752	109.9988	12.92220	1289.893
#1	-.043559	.0015398	.0033395	-.000277	-.000138	.0085180	-.000881
#2	.031125	-.000374	.0037780	.000073	.004324	.0066895	.001301
#3	.105660	.000705	.0027665	-.000318	.001906	.0083697	-.000162

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: PB166001BL Acquired: 1/23/2025 13:37:18 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: PBS001 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000684	-.003048	.0000495
Stddev	.000540	.001278	.0000197
%RSD	78.90090	41.92348	39.73897
#1	-.001261	-.003858	.0000295
#2	-.000602	-.001575	.0000501
#3	-.000190	-.003712	.0000688

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3411.856	71127.71	9977.533	2445.054	4316.741
Stddev	4.668	148.51	42.597	10.483	3.354
%RSD	.1368044	.2087984	.4269279	.4287357	.0776996
#1	3406.562	70956.28	9979.300	2433.354	4315.260
#2	3415.379	71209.44	10019.22	2453.593	4320.581
#3	3413.628	71217.41	9934.08	2448.214	4314.383

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: PB166001BS Acquired: 1/23/2025 13:41:28 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCS001 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0177942	.0561371	.0177729	.0674509	.1129643	.4071776	.3784476
Stddev	.0020121	.0008424	.0010323	.0025061	.0016513	.0088309	.0019352
%RSD	11.30778	1.500643	5.808313	3.715476	1.461814	2.168800	.5113480
#1	.0170006	.0557868	.0179757	.0690684	.1111036	.4124562	.3786429
#2	.0162999	.0555264	.0166542	.0645640	.1142556	.3969827	.3802777
#3	.0200821	.0570982	.0186888	.0687202	.1135337	.4120938	.3764222

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0104560	.0102156	9.861336	.0223233	.0994506	.0581587	.2093739
Stddev	.0000684	.0000477	.052059	.0003225	.0002735	.0034829	.0061616
%RSD	.6546444	.4671497	.5279125	1.444732	.2749563	5.988651	2.942856
#1	.0105283	.0102316	9.814079	.0225206	.0996767	.0566194	.2049725
#2	.0103921	.0101619	9.917139	.0219511	.0991466	.0621460	.2067336
#3	.0104475	.0102533	9.852789	.0224982	.0995284	.0557105	.2164157

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0312445	8.965041	.0810299	.0190708	10.06642	.1061480	.1249916
Stddev	.0004786	.041657	.0002696	.0001628	.23406	.0011292	.0001729
%RSD	1.531637	.4646627	.3327653	.8536185	2.325122	1.063830	.1383544
#1	.0306941	8.925682	.0810135	.0190948	9.86677	.1052497	.1249085
#2	.0315616	9.008668	.0807687	.0192203	10.32400	.1074157	.1251904
#3	.0314779	8.960772	.0813073	.0188974	10.00849	.1057788	.1248758

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.150262	.0207744	.0030283	.0203778	.1790906	.4704521	.0143981
Stddev	.052952	.0017712	.0007114	.0000269	.0056003	.0028193	.0011021
%RSD	.5786969	8.525706	23.49190	.1320880	3.127071	.5992806	7.654737
#1	9.090475	.0188156	.0028562	.0204063	.1832875	.4708302	.0141590
#2	9.169064	.0212444	.0024186	.0203529	.1727315	.4730633	.0134352
#3	9.191248	.0222631	.0038099	.0203741	.1812527	.4674628	.0156002

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: PB166001BS Acquired: 1/23/2025 13:41:28 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCS001 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2088677	.0251052	.1784047
Stddev	.0005928	.0014946	.0012129
%RSD	.2838246	5.953332	.6798338
#1	.2091747	.0234861	.1778504
#2	.2092442	.0264321	.1797956
#3	.2081844	.0253976	.1775680

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3421.040	70560.88	9970.185	2425.324	4235.853
Stddev	8.471	152.34	61.413	8.170	8.986
%RSD	.2476220	.2159053	.6159647	.3368517	.2121343
#1	3416.210	70562.70	9904.119	2419.427	4231.175
#2	3430.821	70407.64	10025.53	2421.896	4246.212
#3	3416.088	70712.31	9980.90	2434.650	4230.172

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: PB166002BL Acquired: 1/23/2025 13:45:35 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: PBS002 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001249	.0007499	-.000057	.0028455	.0000646	.0383812	-.003183
Stddev	.001047	.0008713	.000692	.0008034	.0012162	.0053380	.000362
%RSD	83.84288	116.1899	1211.067	28.23487	1883.747	13.90789	11.38434
#1	-.001572	.0014671	-.000266	.0035056	-.000953	.0353712	-.003592
#2	-.002098	-.000220	.000715	.0030799	.001412	.0352279	-.003054
#3	-.000079	.001002	-.000621	.0019509	-.000266	.0445444	-.002902

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000006	.0000095	.0218299	.0002583	-.000019	.0048387	-.001190
Stddev	.000042	.0000375	.0102316	.0002738	.000116	.0008919	.004201
%RSD	662.8759	395.6453	46.86969	106.0276	604.9723	18.43329	353.0739
#1	-.000009	.0000098	.0100709	.0000131	-.000153	.0040129	.002673
#2	.000037	-.000028	.0267196	.0005538	.000054	.0047186	-.000581
#3	-.000047	.000047	.0286992	.0002079	.000041	.0057846	-.005661

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005585	.0183662	-.000122	-.000154	.1135086	-.000031	.0000174
Stddev	.0002659	.0070939	.000221	.000363	.1795320	.001110	.0003590
%RSD	47.61191	38.62476	180.8039	235.4840	158.1660	3588.704	2061.907
#1	.0002722	.0213047	.000109	-.000571	.0339194	.001208	-.000046
#2	.0007978	.0235187	-.000332	.000026	.3190768	-.000933	-.000306
#3	.0006055	.0102752	-.000144	.000083	-.012470	-.000368	.000404

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.046097	.0020846	.0013863	-.000343	-.000549	.0041453	.0002500
Stddev	.018890	.0008782	.0003544	.000346	.002075	.0004084	.0001809
%RSD	40.97861	42.12622	25.56599	100.6599	378.1529	9.852312	72.37725
#1	-.066727	.0010995	.0016066	-.000743	.000184	.0042120	.0004589
#2	-.041916	.0027855	.0009775	-.000136	.001060	.0045162	.0001438
#3	-.029648	.0023688	.0015749	-.000152	-.002890	.0037076	.0001473

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: PB166002BL Acquired: 1/23/2025 13:45:35 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: PBS002 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0004016	-.003715	.0000232
Stddev	.0011842	.000694	.0000443
%RSD	294.8995	18.69156	191.2580
#1	-.000197	-.004470	.0000464
#2	-.000364	-.003570	.0000509
#3	.001766	-.003104	-.000028

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3453.792	71772.69	10047.35	2481.911	4374.928
Stddev	10.228	105.90	20.76	5.373	9.073
%RSD	.2961462	.1475431	.2066480	.2165060	.2073897
#1	3463.920	71651.90	10069.76	2478.927	4383.991
#2	3453.989	71849.55	10028.77	2488.114	4374.949
#3	3443.466	71816.62	10043.50	2478.692	4365.845

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: PB166002BS Acquired: 1/23/2025 13:49:44 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCS002 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0176013	.0551235	.0198241	.0686019	.1139005	.4077236	.3810148
Stddev	.0021880	.0009308	.0002593	.0008273	.0004711	.0086604	.0003098
%RSD	12.43063	1.688618	1.308038	1.205883	.4136406	2.124082	.0813140
#1	.0155716	.0559888	.0201142	.0680582	.1140345	.3982272	.3808019
#2	.0199189	.0541387	.0197433	.0695539	.1133768	.4151857	.3813702
#3	.0173133	.0552429	.0196149	.0681935	.1142901	.4097580	.3808722

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0103976	.0103074	9.877801	.0223181	.1009395	.0565933	.2053867
Stddev	.0001007	.0000569	.023582	.0001900	.0004969	.0036678	.0106510
%RSD	.9686673	.5520450	.2387371	.8511037	.4923024	6.480915	5.185809
#1	.0103474	.0102513	9.857762	.0221009	.1005978	.0539043	.1930942
#2	.0105136	.0103651	9.871854	.0224004	.1007111	.0607714	.2118685
#3	.0103319	.0103059	9.903787	.0224531	.1015095	.0551041	.2111976

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0308483	8.884515	.0819676	.0189791	10.10063	.1082367	.1302781
Stddev	.0001926	.027549	.0004083	.0005370	.46656	.0025535	.0017613
%RSD	.6242304	.3100830	.4981859	2.829245	4.619111	2.359215	1.351928
#1	.0308550	8.856198	.0814972	.0185709	10.39094	.1065108	.1295595
#2	.0310374	8.886120	.0821750	.0187789	10.34849	.1070294	.1289898
#3	.0306524	8.911227	.0822307	.0195874	9.56245	.1111701	.1322851

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.078017	.0201316	.0014884	.0204076	.1782328	.4807525	.0149332
Stddev	.039408	.0016343	.0004535	.0003574	.0036560	.0035011	.0004776
%RSD	.4341068	8.118119	30.46925	1.751272	2.051255	.7282549	3.198033
#1	9.120940	.0206390	.0013028	.0206220	.1780366	.4843096	.0147485
#2	9.043471	.0214520	.0011572	.0206059	.1819829	.4773102	.0154755
#3	9.069639	.0183038	.0020053	.0199950	.1746788	.4806377	.0145755

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: PB166002BS Acquired: 1/23/2025 13:49:44 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCS002 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2139633	.0244425	.1783279
Stddev	.0004326	.0005050	.0003749
%RSD	.2021670	2.066095	.2102147
#1	.2136911	.0238605	.1779372
#2	.2144621	.0247025	.1786846
#3	.2137367	.0247646	.1783620

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3418.987	72110.45	9996.332	2455.674	4232.647
Stddev	10.824	197.77	29.236	12.945	9.781
%RSD	.3165795	.2742572	.2924710	.5271618	.2310880
#1	3418.413	72119.76	9992.058	2457.674	4236.470
#2	3430.086	72303.40	10027.47	2467.503	4239.939
#3	3408.461	71908.19	9969.47	2441.845	4221.532

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: PB166023BL Acquired: 1/23/2025 13:53:47 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: PBS023 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003192	.0006413	-.001559	.0028723	-.000222	.0794228	-.001613
Stddev	.001511	.0012716	.000641	.0032545	.001477	.0050661	.000321
%RSD	47.32599	198.2854	41.11859	113.3062	665.6563	6.378637	19.89180
#1	-.004312	.0013628	-.002104	.0032310	.000555	.0846675	-.001529
#2	-.001474	.0013880	-.001721	.0059327	-.001925	.0790443	-.001967
#3	-.003791	-.000827	-.000853	-.000547	.000705	.0745565	-.001342

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000464	.0000123	-.000060	.0004829	.0000522	.0030884	-.003555
Stddev	.0000292	.0000264	.010272	.0001639	.0000186	.0020286	.002649
%RSD	63.00558	214.1213	17171.19	33.94900	35.62739	65.68287	74.53285
#1	.0000760	.0000140	-.011843	.0005743	.0000368	.0054099	-.006519
#2	.0000175	.0000378	.004656	.0002936	.0000469	.0016573	-.001418
#3	.0000458	-.000015	.007008	.0005806	.0000728	.0021981	-.002726

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004396	.0095058	-.000200	-.000291	.1804637	.0007353	.0006976
Stddev	.0000963	.0015910	.000220	.000298	.0776668	.0014411	.0007654
%RSD	21.91173	16.73725	109.9863	102.2232	43.03734	195.9786	109.7256
#1	.0003285	.0094252	-.000072	-.000176	.0965140	-.000812	.0006314
#2	.0004920	.0079566	-.000074	-.000630	.1951171	.000978	-.000033
#3	.0004985	.0111356	-.000454	-.000069	.2497601	.002040	.001494

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.034278	.0020864	-.000392	-.000316	.0018504	.0034660	.0002524
Stddev	.059560	.0011485	.000556	.000069	.0019908	.0022755	.0002377
%RSD	173.7524	55.04883	142.0819	21.77737	107.5887	65.65316	94.16500
#1	-.102713	.0008431	-.000591	-.000368	-.000263	.0054053	.0005069
#2	.005843	.0023082	-.000820	-.000342	.002124	.0009610	.0002138
#3	-.005966	.0031079	.000237	-.000238	.003690	.0040318	.0000364

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: PB166023BL Acquired: 1/23/2025 13:53:47 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: PBS023 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000277	-.003965	.0000500
Stddev	.000560	.000880	.0000650
%RSD	202.0126	22.19922	130.0346
#1	-.000063	-.003159	-.000002
#2	-.000913	-.003831	.000123
#3	.000144	-.004904	.000029

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3480.688	71502.79	10026.80	2465.179	4425.579
Stddev	7.237	315.63	23.59	7.228	5.834
%RSD	.2079076	.4414290	.2352240	.2932145	.1318282
#1	3482.097	71405.13	10001.95	2473.374	4429.832
#2	3487.116	71855.71	10048.87	2459.713	4427.978
#3	3472.850	71247.53	10029.57	2462.449	4418.928

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: PB166023BS Acquired: 1/23/2025 13:57:57 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCS023 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0156160	.0571817	.0193528	.0693472	.1152326	.3783603	.3721695
Stddev	.0011665	.0021973	.0003271	.0022753	.0010979	.0103976	.0015861
%RSD	7.469837	3.842714	1.690018	3.281003	.9527473	2.748062	.4261745
#1	.0156800	.0597181	.0192626	.0713842	.1147184	.3689298	.3705176
#2	.0167492	.0558593	.0190803	.0668917	.1144862	.3766406	.3723105
#3	.0144188	.0559675	.0197155	.0697656	.1164932	.3895105	.3736804

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0106551	.0103003	9.767142	.0226636	.1010750	.0562001	.2081819
Stddev	.0001573	.0000531	.060017	.0002408	.0004312	.0025204	.0048976
%RSD	1.476341	.5152996	.6144830	1.062458	.4266197	4.484639	2.352540
#1	.0108229	.0103375	9.697846	.0229309	.1015545	.0591021	.2028460
#2	.0105110	.0102395	9.800967	.0225963	.1007191	.0549385	.2092272
#3	.0106314	.0103238	9.802612	.0224636	.1009513	.0545596	.2124723

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0304636	8.848362	.0821477	.0194335	9.609872	.1067915	.1205286
Stddev	.0003131	.098129	.0002312	.0003558	.037652	.0011526	.0012431
%RSD	1.027641	1.109008	.2814430	1.830743	.3918085	1.079268	1.031334
#1	.0301022	8.738729	.0824135	.0194218	9.643259	.1080791	.1205366
#2	.0306378	8.878382	.0819931	.0190837	9.617298	.1058563	.1217676
#3	.0306508	8.927974	.0820366	.0197949	9.569060	.1064390	.1192815

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.081753	.0197286	.0011761	.0204447	.1769924	.4714426	.0139073
Stddev	.060996	.0016523	.0001832	.0000696	.0066970	.0027324	.0004041
%RSD	.6716376	8.374961	15.57887	.3404844	3.783768	.5795911	2.905429
#1	9.036788	.0215610	.0011594	.0204005	.1773269	.4683696	.0135873
#2	9.057287	.0192726	.0013672	.0205250	.1701345	.4735987	.0143614
#3	9.151184	.0183523	.0010019	.0204087	.1835159	.4723594	.0137732

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: PB166023BS Acquired: 1/23/2025 13:57:57 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCS023 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2090108	.0247798	.1760272
Stddev	.0010547	.0009313	.0007775
%RSD	.5046190	3.758452	.4416856
#1	.2078011	.0237053	.1754695
#2	.2094937	.0252802	.1756968
#3	.2097376	.0253541	.1769153

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3407.106	70296.50	9820.680	2430.233	4222.992
Stddev	12.113	78.97	59.894	10.289	13.646
%RSD	.3555247	.1123388	.6098737	.4233597	.3231403
#1	3402.302	70373.97	9752.869	2431.544	4220.455
#2	3420.885	70216.11	9842.816	2419.351	4237.729
#3	3398.133	70299.41	9866.354	2439.803	4210.793

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: PB166022BL Acquired: 1/23/2025 14:02:01 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: PBS022 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000055	.0000935	-.001365	.0005970	.0005426	.0007161	-.002285
Stddev	.0045307	.0014599	.001504	.0006208	.0004204	.0106675	.000878
%RSD	82705.28	1561.917	110.2305	103.9874	77.46366	1489.762	38.40292
#1	.0040847	.0007650	-.002179	.0013116	.0008599	.0129104	-.002910
#2	.0008025	-.001581	.000371	.0001912	.0000659	-.006888	-.002663
#3	-.004871	.001097	-.002287	.0002882	.0007022	-.003875	-.001282

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000021	-.000018	-.003995	.0005541	-.000055	.0026007	.0012225
Stddev	.000041	.000037	.004396	.0003467	.000221	.0021374	.0043057
%RSD	191.3966	201.9807	110.0202	62.56788	403.5667	82.18320	352.2093
#1	.000013	-.000008	-.007550	.0009403	.000018	.0035846	-.000490
#2	-.000066	-.000059	.000920	.0004522	.000121	.0001486	-.001963
#3	-.000010	.000012	-.005356	.0002697	-.000303	.0040690	.006121

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000253	.0090145	.0000565	-.000188	.0802748	.0003785	-.000273
Stddev	.0002026	.0057944	.0001862	.000187	.1524268	.0014047	.000975
%RSD	800.4214	64.27814	329.4457	99.43768	189.8813	371.1081	357.7268
#1	.0001411	.0038521	.0002709	-.000030	-.049257	.0002718	.000064
#2	.0001435	.0152817	-.000065	-.000395	.248240	.0018335	.000490
#3	-.000209	.0079098	-.000037	-.000141	.041842	-.000970	-.001372

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.024428	.0005066	.0000244	-.000347	-.000047	.0037189	.0002931
Stddev	.045063	.0005715	.0003047	.000118	.000941	.0028114	.0010229
%RSD	184.4738	112.8114	1248.914	34.11363	2020.630	75.59937	349.0230
#1	-.056894	.0000258	-.000327	-.000484	.000501	.0047742	.0008905
#2	-.043411	.0003556	.000220	-.000278	-.001134	.0005324	-.000888
#3	.027021	.0011384	.000180	-.000280	.000493	.0058499	.000877

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: PB166022BL Acquired: 1/23/2025 14:02:01 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: PBS022 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0001685	-.003535	.0000103
Stddev	.0003219	.001385	.0000481
%RSD	191.0183	39.18470	468.6782
#1	.0004561	-.003092	.0000235
#2	.0002287	-.002426	-.000043
#3	-.000179	-.005088	.000050

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3421.262	71651.73	10087.16	2468.846	4330.028
Stddev	8.743	133.87	19.32	6.642	2.902
%RSD	.2555490	.1868277	.1914892	.2690282	.0670153
#1	3411.748	71516.00	10089.53	2464.153	4327.359
#2	3423.095	71655.53	10066.77	2476.446	4329.607
#3	3428.944	71783.65	10105.18	2465.940	4333.117

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: PB166022BS Acquired: 1/23/2025 14:06:11 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCS022 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0169984	.0552613	.0174395	.0644293	.1104128	.3951891	.3670517
Stddev	.0013184	.0002808	.0008674	.0012418	.0016016	.0060380	.0020482
%RSD	7.755870	.5081181	4.973538	1.927427	1.450520	1.527888	.5580107
#1	.0176453	.0555649	.0174005	.0645151	.1089514	.3911820	.3667232
#2	.0154815	.0552080	.0165923	.0656261	.1101621	.3922515	.3651877
#3	.0178682	.0550110	.0183257	.0631469	.1121249	.4021339	.3692443

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0105550	.0099309	9.615971	.0221323	.0978655	.0568689	.1993078
Stddev	.0000285	.0000460	.041747	.0005462	.0001797	.0017638	.0073629
%RSD	.2701456	.4630371	.4341379	2.467824	.1836396	3.101472	3.694254
#1	.0105803	.0099810	9.643164	.0217026	.0978922	.0553485	.1984153
#2	.0105608	.0099210	9.567904	.0219475	.0976740	.0564556	.2070763
#3	.0105241	.0098907	9.636843	.0227470	.0980304	.0588026	.1924318

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0297912	8.708558	.0792468	.0191398	9.565364	.1035682	.1243604
Stddev	.0002716	.037591	.0002049	.0001021	.521375	.0021005	.0023960
%RSD	.9115214	.4316591	.2585779	.5335573	5.450655	2.028144	1.926681
#1	.0295403	8.713204	.0792594	.0191819	9.751726	.1011431	.1243867
#2	.0300795	8.668860	.0790359	.0192142	9.967949	.1047496	.1219513
#3	.0297538	8.743610	.0794451	.0190234	8.976417	.1048120	.1267431

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.842726	.0181553	.0007199	.0199249	.1679778	.4686574	.0132502
Stddev	.068131	.0012656	.0004191	.0002519	.0017313	.0009798	.0006814
%RSD	.7704727	6.970905	58.20863	1.264313	1.030651	.2090618	5.142691
#1	8.891801	.0182190	.0002585	.0202157	.1699748	.4694498	.0124658
#2	8.764939	.0168591	.0010769	.0197852	.1668998	.4675619	.0135892
#3	8.871438	.0193879	.0008243	.0197737	.1670589	.4689605	.0136956

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: PB166022BS Acquired: 1/23/2025 14:06:11 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCS022 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2066884	.0224123	.1731707
Stddev	.0007853	.0006332	.0008485
%RSD	.3799689	2.825270	.4899835
#1	.2075234	.0230023	.1736428
#2	.2065774	.0224913	.1721911
#3	.2059645	.0217433	.1736781

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3507.212	70837.78	9852.000	2465.686	4353.459
Stddev	4.883	166.61	37.666	4.580	5.626
%RSD	.1392184	.2351986	.3823228	.1857301	.1292222
#1	3503.174	70741.18	9825.160	2470.945	4349.563
#2	3505.823	71030.17	9835.781	2462.580	4350.906
#3	3512.639	70742.00	9895.059	2463.533	4359.909

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: PB166021BL Acquired: 1/23/2025 14:10:14 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: PBS021 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002657	.0006911	-.000393	.0023445	.0003437	.0452904	-.006094
Stddev	.001552	.0028030	.001202	.0017046	.0008585	.0038928	.000972
%RSD	58.39307	405.5819	306.1408	72.70694	249.7595	8.595264	15.95741
#1	-.001001	-.001986	.000130	.0031085	.0011875	.0408043	-.004973
#2	-.004076	.003605	.000460	.0035336	-.000529	.0477790	-.006715
#3	-.002895	.000454	-.001767	.0003916	.000372	.0472879	-.006594

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000059	.0000361	.0041740	.0003146	-.000148	.0038453	-.000374
Stddev	.000108	.0000889	.0146044	.0001070	.000190	.0004295	.006204
%RSD	181.9448	246.5719	349.8928	33.99707	128.4198	11.16877	1657.871
#1	.000053	-.000052	.0171349	.0004260	.000065	.0035035	.006782
#2	-.000161	.000035	-.011650	.0002127	-.000209	.0037051	-.004249
#3	-.000070	.000125	.007037	.0003052	-.000299	.0043274	-.003655

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003361	.0059208	-.000087	-.000427	.2495450	.0009581	.0013429
Stddev	.0001908	.0054201	.000352	.000314	.0830578	.0020077	.0017153
%RSD	56.77769	91.54336	406.6833	73.51192	33.28370	209.5355	127.7337
#1	.0001807	-.000273	-.000493	-.000194	.1879708	-.000955	.0030770
#2	.0002785	.008238	.000098	-.000303	.3440115	.000781	-.000353
#3	.0005491	.009797	.000135	-.000785	.2166527	.003048	.001305

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.339617	.0024736	-.000604	-.000350	.0005534	.0064691	-.000280
Stddev	.009107	.0010583	.000263	.000119	.0019798	.0007323	.000431
%RSD	2.681681	42.78484	43.61408	34.05011	357.7753	11.32066	154.0698
#1	-.349623	.0015031	-.000742	-.000357	.0027381	.0061125	.000204
#2	-.331811	.0023157	-.000769	-.000227	-.001122	.0073114	-.000621
#3	-.337417	.0036020	-.000300	-.000465	.000044	.0059833	-.000422

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: PB166021BL Acquired: 1/23/2025 14:10:14 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: PBS021 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000246	-.004830	-.000026
Stddev	.000400	.001011	.000060
%RSD	162.5438	20.94131	229.7669
#1	-.000118	-.004301	-.000088
#2	.000074	-.005996	-.000022
#3	-.000694	-.004192	.000032

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3463.722	71866.38	9584.957	2474.268	4400.458
Stddev	8.132	22.27	38.446	5.429	8.664
%RSD	.2347639	.0309852	.4011114	.2194157	.1968934
#1	3461.730	71845.77	9550.448	2474.826	4401.941
#2	3472.664	71890.00	9578.025	2479.397	4408.286
#3	3456.771	71863.38	9626.398	2468.582	4391.149

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: PB166021BS Acquired: 1/23/2025 14:14:23 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCS021 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0163858	.0535252	.0188896	.0658076	.1115390	.3697364	.3506167
Stddev	.0025535	.0016862	.0017663	.0041356	.0007801	.0106048	.0026423
%RSD	15.58393	3.150207	9.350444	6.284391	.6993987	2.868195	.7536167
#1	.0170711	.0526655	.0205998	.0705430	.1106553	.3583347	.3475684
#2	.0185268	.0524422	.0189968	.0639734	.1118296	.3715690	.3522519
#3	.0135595	.0554679	.0170722	.0629062	.1121320	.3793054	.3520300

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0103804	.0100167	9.324920	.0220062	.0980469	.0561280	.1972193
Stddev	.0001052	.0000400	.070405	.0002087	.0004107	.0009467	.0087648
%RSD	1.013722	.3996082	.7550253	.9484858	.4189230	1.686746	4.444188
#1	.0104470	.0099734	9.244497	.0222390	.0976032	.0562827	.1936219
#2	.0104352	.0100242	9.354835	.0219437	.0981238	.0569878	.1908255
#3	.0102591	.0100524	9.375428	.0218359	.0984138	.0551134	.2072104

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0286027	8.476212	.0799935	.0189241	9.348201	.1051250	.1144083
Stddev	.0003094	.027368	.0005303	.0004798	.319951	.0008158	.0003939
%RSD	1.081678	.3228831	.6629335	2.535323	3.422598	.7760157	.3442928
#1	.0284338	8.453279	.0795273	.0183711	9.226228	.1048905	.1144190
#2	.0284146	8.468849	.0798827	.0191717	9.711199	.1060324	.1147967
#3	.0289598	8.506509	.0805704	.0192295	9.107176	.1044522	.1140091

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.521557	.0182733	.0005969	.0202087	.1706830	.4550246	.0137949
Stddev	.094625	.0008143	.0002478	.0001572	.0034580	.0006580	.0006051
%RSD	1.110415	4.456294	41.51118	.7779871	2.025963	.1446034	4.386211
#1	8.422402	.0191822	.0004651	.0200443	.1668209	.4545768	.0131221
#2	8.610885	.0176103	.0004429	.0202241	.1734919	.4557800	.0142945
#3	8.531383	.0180273	.0008828	.0203576	.1717363	.4547170	.0139681

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: PB166021BS Acquired: 1/23/2025 14:14:23 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCS021 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2014118	.0219557	.1665185
Stddev	.0006653	.0006246	.0011179
%RSD	.3303389	2.844629	.6713464
#1	.2016910	.0226271	.1652577
#2	.2018920	.0213920	.1673888
#3	.2006523	.0218480	.1669090

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3413.722	71360.63	9793.788	2431.955	4238.212
Stddev	6.824	98.46	30.067	7.962	2.069
%RSD	.1998985	.1379749	.3070036	.3273739	.0488119
#1	3420.581	71391.09	9759.130	2436.853	4236.812
#2	3413.652	71440.26	9812.899	2436.244	4240.588
#3	3406.933	71250.54	9809.334	2422.769	4237.235

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: PB166017BL Acquired: 1/23/2025 14:18:27 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: PBS017 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002097	.0004760	-.001824	.0032180	-.000594	.0081967	-.002383
Stddev	.001114	.0016741	.000950	.0016496	.001765	.0037375	.000472
%RSD	53.15288	351.7220	52.07821	51.26050	297.2192	45.59788	19.79328
#1	-.001185	.0012965	-.002920	.0017013	.000198	.0038813	-.002511
#2	-.003339	.0015814	-.001318	.0049743	.000636	.0103945	-.002778
#3	-.001767	-.001450	-.001234	.0029786	-.002616	.0103144	-.001861

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000024	-.000060	.0041442	.0003181	-.000065	.0054508	.0033757
Stddev	.000082	.000073	.0055750	.0001818	.000252	.0037613	.0014565
%RSD	337.6213	121.9603	134.5246	57.16455	390.9078	69.00456	43.14489
#1	-.000054	.000009	.0105437	.0004339	.000184	.0026966	.0020610
#2	-.000088	-.000052	.0015494	.0001085	-.000056	.0039196	.0049413
#3	.000069	-.000137	.0003396	.0004118	-.000321	.0097362	.0031249

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002325	.0081933	-.000108	-.000401	-.229516	-.000179	.0000530
Stddev	.0000590	.0091803	.000273	.000232	.134681	.001561	.0008061
%RSD	25.40226	112.0463	252.7108	57.94695	58.68050	872.0985	1521.182
#1	.0001739	.0015825	-.000409	-.000309	-.259521	-.000405	-.000498
#2	.0002315	.0186752	-.000039	-.000228	-.346663	-.001614	-.000322
#3	.0002920	.0043223	.000124	-.000665	-.082363	.001482	.000978

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.225563	.0017915	-.000918	-.000044	.0013366	.0031128	.0002260
Stddev	.016177	.0012357	.000342	.000199	.0014611	.0024070	.0008939
%RSD	7.171632	68.97625	37.27065	452.5720	109.3162	77.32629	395.5902
#1	-.208449	.0004041	-.001077	-.000091	.0030121	.0057937	-.000736
#2	-.240602	.0021965	-.000525	-.000215	.0003275	.0024075	.001031
#3	-.227637	.0027738	-.001151	.000174	.0006701	.0011372	.000383

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: PB166017BL Acquired: 1/23/2025 14:18:27 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: PBS017 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0005293	-.005058	.0000261
Stddev	.0008536	.001719	.0000442
%RSD	161.2621	33.99157	169.3079
#1	.0014877	-.007043	.0000045
#2	.0002497	-.004034	-.000003
#3	-.000149	-.004098	.000077

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3405.713	71239.75	9922.698	2424.728	4305.045
Stddev	4.382	301.80	75.694	8.288	7.545
%RSD	.1286668	.4236350	.7628380	.3418177	.1752566
#1	3403.882	70978.16	10001.39	2417.971	4298.091
#2	3410.714	71171.14	9916.28	2422.237	4313.067
#3	3402.544	71569.94	9850.41	2433.976	4303.978

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: PB166017BS Acquired: 1/23/2025 14:22:36 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCS017 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0172776	.0561467	.0188350	.0699588	.1124003	.3755640	.3722948
Stddev	.0033053	.0008520	.0007150	.0006224	.0013448	.0095188	.0027698
%RSD	19.13079	1.517510	3.795920	.8896529	1.196438	2.534533	.7439880
#1	.0145878	.0558825	.0194126	.0692438	.1120174	.3755358	.3715194
#2	.0162775	.0570996	.0190571	.0703797	.1138950	.3850968	.3699952
#3	.0209675	.0554581	.0180354	.0702527	.1112885	.3660593	.3753696

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0105838	.0101136	9.774966	.0226366	.0996519	.0570336	.2084570
Stddev	.0000751	.0000498	.029181	.0002333	.0002607	.0015780	.0085136
%RSD	.7092251	.4922485	.2985259	1.030777	.2615605	2.766842	4.084106
#1	.0105354	.0100780	9.771181	.0224202	.0995309	.0588427	.2022804
#2	.0106703	.0101705	9.747863	.0228838	.0994738	.0559405	.2181687
#3	.0105457	.0100923	9.805855	.0226057	.0999511	.0563177	.2049220

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0304118	8.871448	.0806247	.0192386	9.787430	.1082988	.1195694
Stddev	.0003070	.037863	.0004911	.0001234	.188496	.0008432	.0052928
%RSD	1.009392	.4267963	.6090604	.6414991	1.925897	.7786049	4.426549
#1	.0304217	8.903483	.0800753	.0193810	9.749082	.1073435	.1150364
#2	.0301000	8.829664	.0807779	.0191626	9.621058	.1089397	.1182858
#3	.0307137	8.881198	.0810209	.0191721	9.992152	.1086131	.1253859

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.020726	.0207976	.0002936	.0205031	.1718021	.4722068	.0133745
Stddev	.058565	.0016542	.0003109	.0001716	.0031340	.0023334	.0001802
%RSD	.6492236	7.953619	105.9032	.8371274	1.824180	.4941417	1.347183
#1	9.028479	.0221463	.0005823	.0203084	.1723682	.4748481	.0134126
#2	8.958671	.0212946	.0003339	.0205683	.1746144	.4704254	.0131783
#3	9.075028	.0189519	-.000036	.0206326	.1684237	.4713469	.0135326

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: PB166017BS Acquired: 1/23/2025 14:22:36 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCS017 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2089675	.0228698	.1765612
Stddev	.0017266	.0007950	.0008458
%RSD	.8262309	3.476266	.4790556
#1	.2102032	.0220727	.1762587
#2	.2069948	.0236627	.1759083
#3	.2097046	.0228739	.1775167

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3479.986	70736.85	9863.955	2429.972	4329.761
Stddev	1.007	193.66	54.593	12.524	2.958
%RSD	.0289486	.2737687	.5534595	.5154032	.0683066
#1	3479.277	70553.82	9806.251	2419.485	4331.319
#2	3479.541	70939.62	9870.828	2443.839	4326.351
#3	3481.139	70717.10	9914.786	2426.591	4331.614

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: PB166016BL Acquired: 1/23/2025 14:26:39 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: PBS016 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003102	.0001301	-.001264	.0020449	-.000495	-.004461	-.004293
Stddev	.000606	.0015247	.000436	.0034918	.001461	.007946	.000858
%RSD	19.53831	1172.020	34.46664	170.7592	295.0857	178.1299	19.99725
#1	-.002990	.0011051	-.001491	.0060669	-.001549	.000898	-.004912
#2	-.003757	-.001627	-.001538	-.000211	-.001109	-.000690	-.003313
#3	-.002560	.000912	-.000761	.000279	.001172	-.013591	-.004653

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000037	-.000025	.0052332	.0005544	-.000059	.0028129	.0710544
Stddev	.000028	.000076	.0070019	.0001418	.000212	.0013113	.0071460
%RSD	75.92741	305.2073	133.7971	25.57864	356.9853	46.61907	10.05706
#1	-.000069	.000044	.0079981	.0006281	-.000124	.0033544	.0680561
#2	-.000029	-.000012	-.002729	.0006441	-.000231	.0037667	.0658960
#3	-.000015	-.000106	.010430	.0003909	.000177	.0013175	.0792110

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004585	.0143345	-.000452	-.000376	-.076157	.0010381	.0012450
Stddev	.0001128	.0021681	.000248	.000116	.406863	.0006184	.0021534
%RSD	24.61194	15.12522	54.86450	30.93654	534.2402	59.56941	172.9726
#1	.0003981	.0124782	-.000168	-.000295	-.543021	.0016075	.0035339
#2	.0003887	.0138079	-.000564	-.000509	.202730	.0003802	.0009420
#3	.0005887	.0167174	-.000625	-.000323	.111820	.0011266	-.000741

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.246214	.0010119	-.001505	-.000266	.0017328	.0059196	.0004813
Stddev	.051488	.0003645	.000381	.000450	.0011582	.0042667	.0003869
%RSD	20.91169	36.02421	25.29973	169.2760	66.84158	72.07702	80.38699
#1	-.285594	.0006561	-.001718	-.000397	.0004826	.0054765	.0000823
#2	-.265097	.0009950	-.001066	-.000636	.0027693	.0103906	.0008549
#3	-.187951	.0013846	-.001732	.000235	.0019465	.0018918	.0005068

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: PB166016BL Acquired: 1/23/2025 14:26:39 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: PBS016 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0002170	-.005109	.0000429
Stddev	.0008867	.001080	.0000037
%RSD	408.6510	21.13396	8.730894
#1	.0011225	-.004558	.0000411
#2	.0001780	-.006353	.0000403
#3	-.000650	-.004416	.0000472

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3434.716	71450.58	9787.099	2464.427	4327.177
Stddev	3.541	153.31	58.423	8.407	6.544
%RSD	.1030804	.2145615	.5969364	.3411420	.1512325
#1	3433.743	71416.38	9730.125	2456.553	4320.099
#2	3438.641	71317.27	9784.301	2463.447	4333.007
#3	3431.763	71618.10	9846.870	2473.281	4328.427

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: PB166016BS Acquired: 1/23/2025 14:30:49 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCS016 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0194051	.0537599	.0189938	.0671803	.1116809	.3713594	.3723599
Stddev	.0010566	.0018539	.0005687	.0016991	.0006249	.0080897	.0015248
%RSD	5.445149	3.448476	2.994158	2.529163	.5595064	2.178406	.4095103
#1	.0206151	.0520060	.0183696	.0685156	.1112128	.3752980	.3720358
#2	.0186644	.0535740	.0194826	.0652678	.1123905	.3620546	.3710231
#3	.0189359	.0556998	.0191292	.0677574	.1114394	.3767256	.3740207

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0102948	.0101649	9.657610	.0221114	.0996117	.0554872	.2065137
Stddev	.0000730	.0000640	.044858	.0004293	.0004407	.0015009	.0063557
%RSD	.7089409	.6293174	.4644820	1.941592	.4424224	2.704850	3.077637
#1	.0103751	.0101171	9.627524	.0219762	.0997508	.0571845	.1991773
#2	.0102769	.0101401	9.636138	.0217660	.0991183	.0549417	.2103490
#3	.0102325	.0102376	9.709168	.0225921	.0999662	.0543354	.2100149

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0303376	8.802490	.0810574	.0188740	9.514111	.1075629	.1205364
Stddev	.0005575	.056480	.0003747	.0004495	.055866	.0002950	.0019887
%RSD	1.837503	.6416422	.4623226	2.381561	.5871937	.2742192	1.649860
#1	.0303071	8.801049	.0806407	.0185445	9.452715	.1072349	.1221761
#2	.0297960	8.746744	.0813669	.0193860	9.561953	.1078064	.1183243
#3	.0309096	8.859677	.0811646	.0186913	9.527665	.1076473	.1211089

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.905787	.0191517	-.000199	.0204080	.1840506	.4698952	.0145630
Stddev	.016967	.0006948	.000340	.0000815	.0030751	.0008950	.0008014
%RSD	.1905201	3.627895	171.4080	.3992852	1.670810	.1904647	5.502750
#1	8.900082	.0198242	.000069	.0204548	.1866606	.4700090	.0154452
#2	8.924872	.0184366	-.000581	.0203139	.1806606	.4689487	.0138800
#3	8.892408	.0191942	-.000084	.0204553	.1848305	.4707278	.0143639

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: PB166016BS Acquired: 1/23/2025 14:30:49 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCS016 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2068325	.0233864	.1747259
Stddev	.0010413	.0004585	.0006450
%RSD	.5034257	1.960517	.3691427
#1	.2075218	.0229518	.1749968
#2	.2056347	.0238655	.1739896
#3	.2073410	.0233420	.1751912

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3410.987	71898.38	9998.366	2459.913	4206.551
Stddev	1.798	37.62	47.819	6.070	6.375
%RSD	.0527068	.0523299	.4782667	.2467677	.1515466
#1	3409.133	71883.63	9994.163	2461.214	4213.234
#2	3412.723	71870.36	9952.788	2453.298	4205.882
#3	3411.106	71941.14	10048.15	2465.227	4200.537

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: PB166015BL Acquired: 1/23/2025 14:34:54 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: PBS015 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.005471	.0012586	-.000916	.0017800	.0006760	.0043912	-.003102
Stddev	.000709	.0027042	.000557	.0019505	.0005988	.0083985	.001418
%RSD	12.96646	214.8469	60.80186	109.5797	88.58785	191.2576	45.71633
#1	-.006240	.0042501	-.000273	.0039733	-.000015	-.005300	-.002719
#2	-.004842	.0005379	-.001224	.0011266	.001032	.009556	-.001915
#3	-.005331	-.001012	-.001252	.0002401	.001011	.008917	-.004672

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000053	-.000010	.0134420	.0001630	-.000046	.0016266	.0078582
Stddev	.0000717	.000029	.0022206	.0004965	.000260	.0016953	.0035170
%RSD	1360.193	292.0183	16.52022	304.6420	569.0455	104.2247	44.75579
#1	.0000846	-.000014	.0158904	.0007319	-.000039	-.000010	.0071058
#2	-.000055	.000021	.0115581	-.000183	.000211	.003375	.0047783
#3	-.000014	-.000037	.0128774	-.000060	-.000309	.001515	.0116906

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002692	.0180144	.0001197	-.000436	.2226044	.0008853	.0012630
Stddev	.0003967	.0051549	.0002123	.000273	.1570845	.0010173	.0020749
%RSD	147.3478	28.61566	177.4117	62.61459	70.56665	114.9180	164.2780
#1	.0001145	.0229384	.0003449	-.000356	.1030909	.0014438	-.000034
#2	-.000027	.0126560	.0000911	-.000740	.1641964	-.000289	.000167
#3	.000720	.0184486	-.000077	-.000212	.4005260	.001501	.003656

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.057508	.0014114	-.001585	-.000125	.0042190	.0047456	-.000076
Stddev	.015122	.0025161	.000094	.000228	.0015720	.0022805	.000596
%RSD	26.29529	178.2680	5.902370	182.9825	37.25977	48.05513	783.6016
#1	-.040451	-.000917	-.001651	.000056	.0024390	.0035148	.000520
#2	-.062802	.001070	-.001478	-.000050	.0054170	.0033450	-.000077
#3	-.069273	.004081	-.001626	-.000381	.0048009	.0073771	-.000671

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: PB166015BL Acquired: 1/23/2025 14:34:54 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: PBS015 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0001869	-.004659	.0000149
Stddev	.0004931	.001735	.0000713
%RSD	263.8584	37.24216	479.1031
#1	.0007120	-.005526	.0000933
#2	.0001152	-.005789	-.000003
#3	-.000266	-.002661	-.000046

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3414.467	71363.82	9956.623	2461.556	4310.847
Stddev	1.796	212.61	52.853	12.890	.871
%RSD	.0526016	.2979211	.5308321	.5236531	.0201960
#1	3413.240	71608.42	9898.150	2476.232	4310.288
#2	3413.633	71259.70	10001.00	2452.072	4310.402
#3	3416.529	71223.34	9970.72	2456.363	4311.850

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: PB166015BS Acquired: 1/23/2025 14:39:03 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCS015 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0176078	.0547514	.0200529	.0698499	.1170946	.3819967	.3869166
Stddev	.0030026	.0016781	.0007699	.0027455	.0016555	.0084178	.0008230
%RSD	17.05239	3.065016	3.839305	3.930546	1.413820	2.203626	.2126978
#1	.0151078	.0530382	.0203419	.0673482	.1158027	.3786776	.3878668
#2	.0167775	.0563921	.0206365	.0727871	.1165204	.3915681	.3864519
#3	.0209381	.0548240	.0191803	.0694143	.1189608	.3757445	.3864310

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0107537	.0105375	10.09373	.0229856	.1027111	.0593015	.2102215
Stddev	.0000477	.0000631	.01799	.0001421	.0006634	.0019560	.0019654
%RSD	.4432266	.5985198	.1782384	.6181082	.6459066	3.298364	.9349078
#1	.0108077	.0104648	10.08874	.0231303	.1025554	.0586851	.2104403
#2	.0107172	.0105703	10.11369	.0228463	.1021394	.0577280	.2081558
#3	.0107363	.0105773	10.07876	.0229802	.1034385	.0614914	.2120683

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0315247	9.192203	.0837635	.0198879	10.23520	.1111610	.1265284
Stddev	.0002839	.042760	.0004738	.0004910	.23987	.0007909	.0026697
%RSD	.9007372	.4651802	.5656196	2.468836	2.343624	.7115009	2.109958
#1	.0318022	9.239183	.0835010	.0204105	10.27199	.1114528	.1234680
#2	.0315372	9.181872	.0834790	.0198170	10.45456	.1102657	.1283794
#3	.0312347	9.155556	.0843104	.0194362	9.97906	.1117646	.1277377

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.317957	.0199341	-.000043	.0207827	.1805460	.4846146	.0151881
Stddev	.085210	.0001998	.000616	.0000683	.0021114	.0019395	.0003695
%RSD	.9144708	1.002376	1437.095	.3285786	1.169466	.4002070	2.432725
#1	9.226396	.0197575	.000367	.0208438	.1825473	.4866391	.0150743
#2	9.394934	.0198939	-.000751	.0207954	.1783394	.4827731	.0148888
#3	9.332540	.0201510	.000255	.0207090	.1807514	.4844317	.0156011

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: PB166015BS Acquired: 1/23/2025 14:39:03 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCS015 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2152836	.0245774	.1824973
Stddev	.0011946	.0008095	.0006549
%RSD	.5549038	3.293734	.3588667
#1	.2166394	.0245138	.1822278
#2	.2148262	.0254168	.1832440
#3	.2143853	.0238016	.1820202

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3440.191	70901.41	9957.330	2444.725	4254.258
Stddev	6.607	246.58	73.572	10.278	10.792
%RSD	.1920570	.3477829	.7388734	.4204256	.2536720
#1	3445.205	70641.81	9874.850	2433.319	4265.144
#2	3442.663	70929.93	9980.942	2453.269	4254.068
#3	3432.704	71132.50	10016.20	2447.587	4243.563

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1041-01 Acquired: 1/23/2025 14:43:04 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCPF7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0550547	-.004200	.2826993	.0311052	.0143010	59.17893	1.838108
Stddev	.0018017	.001255	.0010565	.0028684	.0004571	.01345	.003736
%RSD	3.272542	29.88180	.3737019	9.221681	3.196039	.0227301	.2032688
#1	.0536558	-.002943	.2828331	.0298916	.0140325	59.16533	1.833795
#2	.0570877	-.005454	.2836824	.0290431	.0140418	59.17925	1.840377
#3	.0544205	-.004204	.2815823	.0343810	.0148288	59.19222	1.840151

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0042016	.0048077	89.81482	.1093096	.1126033	.1331791	144.0879
Stddev	.0000230	.0001402	.16606	.0000657	.0002095	.0010006	.1770
%RSD	.5473551	2.916843	.1848957	.0601042	.1860453	.7512988	.1228582
#1	.0041752	.0048754	89.68769	.1092728	.1124694	.1341501	143.9340
#2	.0042175	.0049013	90.00271	.1093855	.1124957	.1332359	144.2813
#3	.0042119	.0046465	89.75406	.1092705	.1128447	.1321514	144.0483

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.099776	39.76832	.1000792	.0042144	-.326103	.2142272	.4972100
Stddev	.005727	.09816	.0008862	.0000920	.090199	.0021433	.0035612
%RSD	.1122921	.2468244	.8855361	2.183349	27.65950	1.000486	.7162334
#1	5.093178	39.65610	.1007382	.0042344	-.387685	.2117747	.5005869
#2	5.103455	39.83822	.1004278	.0041141	-.368056	.2157409	.4975535
#3	5.102696	39.81063	.0990717	.0042948	-.222570	.2151659	.4934895

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.631788	6.435597	.6042693	.0062168	2.156762	8.661281	.0065214
Stddev	.057139	.020521	.0014893	.0002050	.004966	.006620	.0008641
%RSD	.7487037	.3188744	.2464576	3.296838	.2302439	.0764363	13.24982
#1	7.638619	6.458258	.6032072	.0064526	2.158667	8.659810	.0063150
#2	7.571540	6.430266	.6059716	.0061159	2.151126	8.655520	.0074700
#3	7.685205	6.418267	.6036292	.0060818	2.160494	8.668513	.0057792

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1041-01 Acquired: 1/23/2025 14:43:04 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCPF7 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.209638	.0443825	.1596078
Stddev	.000919	.0002916	.0000898
%RSD	.0759408	.6571053	.0562655
#1	1.208691	.0442421	.1595080
#2	1.209700	.0447178	.1596333
#3	1.210525	.0441876	.1596821

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3521.619	72729.45	10827.14	2518.490	3957.091
Stddev	5.284	58.70	12.73	2.318	2.796
%RSD	.1500377	.0807150	.1175428	.0920234	.0706588
#1	3525.937	72748.77	10829.26	2518.301	3959.918
#2	3515.727	72663.52	10838.67	2520.896	3954.327
#3	3523.193	72776.06	10813.49	2516.272	3957.028

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1041-02 Acquired: 1/23/2025 14:47:02 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCPF8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0478714	-.007655	.3299980	.0185788	.0120289	38.47510
Stddev	.0020431	.000955	.0041124	.0033946	.0007158	.08194
%RSD	4.267958	12.48013	1.246187	18.27168	5.950590	.2129569
#1	.0471761	-.008113	.3345221	.0218184	.0122933	38.55589
#2	.0462667	-.006556	.3289855	.0150478	.0112185	38.47735
#3	.0501714	-.008294	.3264864	.0188701	.0125748	38.39207

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.004667	.0037614	.0107999	468.5310	.1430904	.0621335
Stddev	.007811	.0000768	.0002094	4.4551	.0007980	.0002835
%RSD	.3896501	2.043073	1.938614	.9508733	.5577116	.4562302
#1	1.997673	.0036740	.0110367	466.3717	.1426211	.0623886
#2	2.003232	.0037918	.0107238	465.5669	.1426382	.0621836
#3	2.013096	.0038184	.0106393	473.6543	.1440118	.0618283

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3316986	96.14679	8.976019	51.11094	.1107375	.0035038
Stddev	.0013219	.34797	.026194	.09507	.0012923	.0000991
%RSD	.3985274	.3619190	.2918251	.1860039	1.166987	2.827926
#1	.3315246	96.37851	8.948902	51.16546	.1117966	.0035707
#2	.3304723	96.31522	8.977972	51.16621	.1111182	.0033900
#3	.3330989	95.74666	9.001182	51.00117	.1092976	.0035508

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.037144	.1492158	1.407189	14.67366	F 30.65787	.5240787
Stddev	.454809	.0010165	.010536	.02398	.02920	.0016650
%RSD	1224.442	.6812012	.7487014	.1634082	.0952342	.3177007
#1	-.061003	.1503587	1.411356	14.68694	30.66892	.5251905
#2	-.479554	.1484132	1.415004	14.68807	30.67993	.5248811
#3	.429125	.1488754	1.395207	14.64598	30.62476	.5221644

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1041-02 Acquired: 1/23/2025 14:47:02 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCPF8 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0077300	F 13.35550	8.375033	.0103453	.9244439	.0315285
Stddev	.0007468	.04019	.026279	.0015113	.0002892	.0015205
%RSD	9.660555	.3009364	.3137721	14.60829	.0312844	4.822670
#1	.0070852	13.35031	8.352625	.0089633	.9243992	.0300737
#2	.0075565	13.39803	8.368518	.0119591	.9241797	.0331071
#3	.0085482	13.31816	8.403956	.0101135	.9247529	.0314048

Elem	Sr4077
Units	ppm
Avg	.7994720
Stddev	.0018525
%RSD	.2317125
#1	.7975927
#2	.7995268
#3	.8012965

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3321.472	70445.98	10639.69	2367.651	3622.190
Stddev	7.085	232.13	42.61	13.104	7.745
%RSD	.2133094	.3295079	.4004852	.5534804	.2138328
#1	3315.664	70222.62	10616.90	2352.761	3613.785
#2	3329.365	70685.98	10688.85	2372.763	3629.040
#3	3319.385	70429.34	10613.32	2377.429	3623.744

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1041-03 Acquired: 1/23/2025 14:51:06 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCPF9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0631499	-.006673	.8174429	.0422818	.0414095	55.60346
Stddev	.0020812	.001749	.0053954	.0018112	.0019772	.47045
%RSD	3.295632	26.20278	.6600312	4.283706	4.774676	.8460856
#1	.0655143	-.007643	.8234836	.0438181	.0402763	55.51169
#2	.0615953	-.007721	.8157428	.0427426	.0402597	56.11303
#3	.0623402	-.004654	.8131023	.0402847	.0436925	55.18565

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.27154	.0047263	.0098552	100.2291	.1411923	.1049084
Stddev	.20063	.0000313	.0001700	.8039	.0012471	.0005730
%RSD	1.041089	.6628523	1.724546	.8020300	.8832732	.5461587
#1	19.39097	.0047191	.0099643	100.0576	.1404774	.1048590
#2	19.38375	.0046992	.0096593	101.1049	.1426324	.1055045
#3	19.03991	.0047606	.0099418	99.5249	.1404673	.1043617

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3003529	201.7417	5.764328	38.70866	.1333783	.0046396
Stddev	.0052417	1.7272	.043625	.36221	.0009621	.0003777
%RSD	1.745193	.8561351	.7568152	.9357457	.7213225	8.141120
#1	.3049556	201.4458	5.758835	38.52253	.1341001	.0049314
#2	.2946475	203.5977	5.810439	39.12609	.1337486	.0042130
#3	.3014555	200.1816	5.723709	38.47735	.1322860	.0047746

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3503730	.2658840	1.117946	8.934306	F 10.24930	.8378864
Stddev	.2156869	.0031337	.014319	.169604	.07284	.0100781
%RSD	61.55922	1.178586	1.280793	1.898350	.7106492	1.202806
#1	.5020123	.2676481	1.120007	8.858543	10.32668	.8372521
#2	.1034540	.2622659	1.131122	9.128586	10.23915	.8482668
#3	.4456527	.2677380	1.102708	8.815787	10.18207	.8281404

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1041-03 Acquired: 1/23/2025 14:51:06 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCPF9 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0107576	F 11.69708	7.671128	.0137520	1.148519	.0417966
Stddev	.0002494	.07007	.109552	.0010612	.019013	.0014712
%RSD	2.318561	.5990450	1.428111	7.717069	1.655452	3.520012
#1	.0108185	11.76958	7.724971	.0127021	1.161844	.0405737
#2	.0109710	11.69194	7.545073	.0137296	1.126745	.0434293
#3	.0104834	11.62972	7.743339	.0148243	1.156967	.0413867

Elem	Sr4077
Units	ppm
Avg	.2659727
Stddev	.0021413
%RSD	.8050815
#1	.2661830
#2	.2680011
#3	.2637341

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3703.745	78217.15	11745.40	2668.317	3852.720
Stddev	7.725	775.58	154.94	26.750	10.362
%RSD	.2085682	.9915772	1.319154	1.002497	.2689564
#1	3706.018	78740.20	11721.41	2676.210	3843.480
#2	3695.138	77326.07	11910.93	2638.509	3850.757
#3	3710.078	78585.18	11603.85	2690.233	3863.923

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1041-04 Acquired: 1/23/2025 14:55:11 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCPG0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0113041	-.000090	.0216292	.0133323	.0062716	10.85647	.1765500
Stddev	.0020789	.000215	.0008952	.0017965	.0005906	.05499	.0012524
%RSD	18.39034	238.4079	4.139005	13.47476	9.416400	.5064777	.7093595
#1	.0100699	-.000087	.0217651	.0113092	.0066748	10.91099	.1776676
#2	.0137043	.000124	.0206737	.0139467	.0055937	10.80103	.1767860
#3	.0101382	-.000307	.0224487	.0147409	.0065463	10.85739	.1751964

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006210	.0011898	5.650783	.0388558	.0296146	.0127702	51.21041
Stddev	.0000791	.0001113	.027089	.0006273	.0001066	.0020038	.10889
%RSD	12.73122	9.351604	.4793760	1.614424	.3600163	15.69105	.2126336
#1	.0005390	.0012972	5.681056	.0382371	.0297080	.0133738	51.30736
#2	.0006272	.0011972	5.642463	.0394913	.0294984	.0144027	51.09260
#3	.0006967	.0010751	5.628831	.0388389	.0296374	.0105340	51.23128

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.096758	4.997155	.0696874	.0011134	.1140398	.0778758	.0830305
Stddev	.005459	.026681	.0006782	.0000852	.3511092	.0018222	.0029409
%RSD	.4977338	.5339149	.9731667	7.656437	307.8832	2.339923	3.542003
#1	1.102883	5.021234	.0702952	.0010203	.2068048	.0758030	.0802492
#2	1.094989	4.968472	.0698111	.0011876	.4094520	.0785990	.0861086
#3	1.092403	5.001761	.0689558	.0011324	-.274138	.0792254	.0827337

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.071937	.9685942	.2073834	.0008725	.1764379	1.917551	.0034527
Stddev	.046252	.0093790	.0005389	.0002471	.0016552	.011039	.0006620
%RSD	64.29538	.9683050	.2598579	28.31699	.9381045	.5757032	19.17444
#1	-.111386	.9793210	.2078913	.0006998	.1782868	1.906211	.0039327
#2	-.083390	.9645217	.2074409	.0011555	.1750941	1.928263	.0026974
#3	-.021034	.9619398	.2068181	.0007623	.1759329	1.918180	.0037279

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1041-04 Acquired: 1/23/2025 14:55:11 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCPG0 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.042147	.0058917	.0187991
Stddev	.003316	.0020038	.0000896
%RSD	.3181608	34.01116	.4765256
#1	1.038383	.0069478	.0188618
#2	1.044635	.0071466	.0188390
#3	1.043424	.0035807	.0186965

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3586.810	72978.74	10371.39	2506.407	4376.825
Stddev	19.552	204.96	61.45	6.996	21.842
%RSD	.5451146	.2808466	.5925333	.2791357	.4990467
#1	3564.251	73139.68	10442.32	2511.457	4352.610
#2	3597.321	73048.56	10334.06	2509.344	4382.824
#3	3598.859	72748.00	10337.80	2498.421	4395.041

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: CCV002 Acquired: 1/23/2025 14:59:13 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV002 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**4.917210**	**4.883095**	**24.41683**	**4.925874**	**4.993375**	**404.9441**
Stddev	.040311	.127852	.21411	.047874	.040996	2.4561
%RSD	.8197869	2.618259	.8769133	.9718922	.8210030	.6065172
#1	4.963749	5.030105	24.65730	4.980348	5.040625	402.3901
#2	4.893223	4.797876	24.24683	4.906781	4.972249	405.1535
#3	4.894658	4.821303	24.34638	4.890492	4.967252	407.2888

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**10.11869**	**.4867052**	**2.465952**	**402.6176**	**15.51464**	**2.472248**
Stddev	.16201	.0033710	.025336	3.0946	.04169	.020316
%RSD	1.601049	.6926073	1.027443	.7686145	.2686971	.8217593
#1	9.95601	.4875697	2.494796	400.2465	15.47163	2.495589
#2	10.12007	.4829861	2.447295	406.1183	15.55487	2.458538
#3	10.28001	.4895596	2.455763	401.4881	15.51742	2.462618

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**14.64081**	**408.7349**	**15.11466**	**402.5095**	**2.467513**	**1.286772**
Stddev	.03718	2.2110	.07459	2.1466	.021853	.000501
%RSD	.2539737	.5409331	.4934849	.5333059	.8856446	.0389256
#1	14.68302	407.6028	15.09731	400.8550	2.492110	1.287197
#2	14.61287	411.2827	15.19640	404.9351	2.450333	1.286220
#3	14.62656	407.3193	15.05028	401.7383	2.460097	1.286900

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**389.6309**	**2.444126**	**15.57422**	**157.5563**	**4.976466**	F **5.826106**
Stddev	1.6066	.006318	.04528	.8842	.039342	.013172
%RSD	.4123414	.2584866	.2907306	.5612047	.7905684	.2260775
#1	391.3184	2.446032	15.52206	157.2571	5.021853	5.827013
#2	388.1197	2.437075	15.60331	158.5513	4.955465	5.812504
#3	389.4548	2.449272	15.59730	156.8605	4.952080	5.838801

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: CCV002 Acquired: 1/23/2025 14:59:13 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV002 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.912942	4.990380	4.898158	4.960546	4.886607	5.205893
Stddev	.043048	.053529	.017088	.050108	.009239	.041156
%RSD	.8762260	1.072642	.3488611	1.010135	.1890746	.7905688
#1	4.962605	5.050841	4.905447	5.017324	4.895380	5.207598
#2	4.889951	4.949027	4.878634	4.922512	4.876963	5.246170
#3	4.886271	4.971271	4.910392	4.941803	4.887478	5.163911

Elem	Sr4077
Units	ppm
Avg	5.133935
Stddev	.023284
%RSD	.4535228
#1	5.107072
#2	5.148322
#3	5.146411

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2759.850	59946.05	9339.502	2043.408	3206.778
Stddev	17.642	143.47	59.420	8.846	24.790
%RSD	.6392317	.2393387	.6362206	.4329278	.7730459
#1	2739.559	60101.47	9338.769	2051.794	3179.148
#2	2771.552	59818.66	9399.285	2044.265	3227.072
#3	2768.440	59918.01	9280.453	2034.163	3214.114

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: CCB002 Acquired: 1/23/2025 15:03:32 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB002 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000410	.0004482	-.000657	.0003513	.0004431	.0065234	-.000222
Stddev	.000472	.0013636	.001256	.0011592	.0008543	.0020618	.000939
%RSD	115.2707	304.2808	190.9831	329.9712	192.7846	31.60557	421.9089
#1	-.000788	-.001090	-.002100	.0016859	-.000392	.0059051	.000462
#2	.000120	.000925	-.000058	-.000406	.001316	.0048415	.000164
#3	-.000561	.001510	.000186	-.000226	.000405	.0088235	-.001293

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000094	-.000012	.0089253	.0008321	.0001793	.0023334	.0120052
Stddev	.0000511	.000100	.0100207	.0002906	.0000421	.0022215	.0018571
%RSD	545.2002	811.3635	112.2736	34.92708	23.46903	95.20368	15.46892
#1	-.000023	.000049	.0177318	.0010705	.0002240	.0008284	.0130690
#2	.000068	-.000127	-.001978	.0009175	.0001404	.0012869	.0130858
#3	-.000017	.000042	.011022	.0005083	.0001735	.0048848	.0098609

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0009380	.0295530	.0001535	-.000596	.0737748	.0007069	.0013347
Stddev	.0002441	.0060693	.0002012	.000100	.4322862	.0009768	.0006670
%RSD	26.02475	20.53713	131.0650	16.71292	585.9538	138.1728	49.97258
#1	.0008468	.0262319	.0000401	-.000599	-.425148	.0017482	.0017097
#2	.0012146	.0258690	.0000346	-.000693	.336599	-.000189	.0005646
#3	.0007526	.0365581	.0003858	-.000494	.309873	.000562	.0017297

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1035004	.0005484	.0050323	.0000130	.0011975	.0029914	-.000002
Stddev	.0147446	.0016906	.0003971	.0003509	.0051496	.0022305	.000432
%RSD	14.24597	308.2929	7.890307	2706.100	430.0398	74.56209	17361.26
#1	.1201180	.0000367	.0054748	.0004179	-.002977	.0006525	-.000284
#2	.0919831	.0024357	.0047071	-.000202	-.000382	.0050948	.000495
#3	.0984000	-.000827	.0049151	-.000177	.006952	.0032270	-.000219

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: CCB002 Acquired: 1/23/2025 15:03:32 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB002 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000272	-.001647	.0001756
Stddev	.000330	.001304	.0000129
%RSD	121.3569	79.13484	7.332142
#1	.000059	-.003086	.0001900
#2	-.000600	-.001312	.0001714
#3	-.000274	-.000544	.0001653

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3428.965	71009.78	9960.256	2417.021	4334.125
Stddev	2.647	284.24	42.777	8.175	1.403
%RSD	.0771846	.4002871	.4294768	.3382235	.0323605
#1	3426.812	70993.80	10008.23	2412.275	4333.051
#2	3431.920	71301.67	9926.09	2426.460	4335.712
#3	3428.162	70733.86	9946.44	2412.326	4333.612

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1041-05 Acquired: 1/23/2025 15:07:41 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCPG0D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0118228	-.001157	.0214319	.0109318	.0053832	11.28514	.1780185
Stddev	.0019592	.000880	.0009638	.0016955	.0005304	.15125	.0028563
%RSD	16.57175	76.07461	4.497084	15.50983	9.853050	1.340215	1.604511
#1	.0138484	-.002091	.0210856	.0116387	.0059439	11.12542	.1751087
#2	.0099374	-.000343	.0225210	.0121595	.0048894	11.30383	.1781287
#3	.0116826	-.001037	.0206891	.0089972	.0053164	11.42617	.1808181

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005870	.0012195	5.679888	.0386562	.0294566	.0191234	50.82062
Stddev	.0000490	.0000661	.069851	.0002925	.0002634	.0006536	.64256
%RSD	8.347141	5.418142	1.229792	.7568076	.8943722	3.417960	1.264364
#1	.0006040	.0012225	5.600862	.0383412	.0297608	.0188149	50.12440
#2	.0005318	.0011520	5.705425	.0389195	.0293074	.0198742	50.94660
#3	.0006252	.0012840	5.733377	.0387079	.0293016	.0186811	51.39086

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.075420	5.101587	.0698054	.0011519	.1316619	.0761662	.0852894
Stddev	.009647	.062417	.0002947	.0001699	.0952775	.0016443	.0014523
%RSD	.8970842	1.223475	.4222067	14.74936	72.36530	2.158831	1.702843
#1	1.064306	5.034344	.0695704	.0011734	.2319994	.0780062	.0847111
#2	1.080317	5.112745	.0701361	.0013099	.1205714	.0756517	.0842152
#3	1.081637	5.157673	.0697097	.0009722	.0424150	.0748406	.0869418

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1263740	.9715464	.2098518	.0006584	.1747519	3.411359	.0038588
Stddev	.0313447	.0016945	.0037969	.0004130	.0043019	.021469	.0001364
%RSD	24.80307	.1744145	1.809323	62.72293	2.461720	.6293320	3.535260
#1	.0922137	.9723138	.2054715	.0002684	.1772165	3.388759	.0038376
#2	.1330962	.9727214	.2118791	.0006158	.1772548	3.431482	.0040046
#3	.1538123	.9696039	.2122047	.0010911	.1697846	3.413834	.0037343

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1041-05 Acquired: 1/23/2025 15:07:41 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCPG0D Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.075466	.0067348	.0198086
Stddev	.001917	.0006015	.0001133
%RSD	.1782292	8.931342	.5720430
#1	1.074780	.0062145	.0196787
#2	1.077631	.0073934	.0198597
#3	1.073986	.0065965	.0198874

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3492.800	73399.57	10422.64	2460.878	4241.905
Stddev	2.598	524.50	71.67	14.245	4.338
%RSD	.0743710	.7145849	.6875986	.5788624	.1022768
#1	3495.213	74003.69	10375.00	2477.019	4245.253
#2	3493.137	73134.71	10387.86	2450.064	4243.458
#3	3490.050	73060.32	10505.06	2455.551	4237.004

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1041-04LX5 Acquired: 1/23/2025 15:11:45 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCPG0L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003206	.0014058	.0041544	.0036671	.0012963	2.250145	.0342604
Stddev	.0015123	.0000400	.0009348	.0034315	.0006936	.003414	.0012231
%RSD	471.6763	2.843462	22.50183	93.57522	53.50964	.1517037	3.570007
#1	.0002961	.0013601	.0052182	.0020572	.0007078	2.247111	.0341760
#2	.0018450	.0014228	.0037815	.0013366	.0020610	2.253841	.0330817
#3	-.001179	.0014344	.0034636	.0076076	.0011201	2.249482	.0355235

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000657	.0002727	1.159105	.0081131	.0060593	.0063340	10.73933
Stddev	.0000485	.0000502	.001030	.0001423	.0001508	.0003209	.02180
%RSD	73.83681	18.40210	.0888543	1.753556	2.488280	5.066236	.2029972
#1	.0000176	.0002158	1.159346	.0080580	.0059948	.0064217	10.73580
#2	.0001146	.0002914	1.157975	.0080066	.0062316	.0066020	10.71951
#3	.0000649	.0003108	1.159992	.0082747	.0059515	.0059784	10.76268

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2263643	1.058836	.0140686	.0002411	-.182415	.0183690	.0185245
Stddev	.0015411	.019064	.0003411	.0002622	.059870	.0015163	.0016055
%RSD	.6807982	1.800503	2.424342	108.7383	32.82077	8.254647	8.666855
#1	.2248301	1.080577	.0144271	.0003958	-.121363	.0178873	.0175169
#2	.2263506	1.044978	.0137482	.0003892	-.241028	.0200676	.0176806
#3	.2279122	1.050952	.0140306	-.000062	-.184854	.0171521	.0203759

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.084810	.2014972	.0442635	-.000150	.0360486	.4068846	.0000091
Stddev	.048527	.0010259	.0002506	.000216	.0048527	.0025723	.0002056
%RSD	57.21885	.5091420	.5662381	143.7134	13.46150	.6322030	2269.433
#1	-.038468	.2007021	.0442791	.000076	.0304454	.4053103	-.000160
#2	-.135262	.2026553	.0445061	-.000172	.0388134	.4098530	-.000050
#3	-.080701	.2011344	.0440055	-.000354	.0388870	.4054905	.000238

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1041-04LX5 Acquired: 1/23/2025 15:11:45 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCPG0L Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2149489	-.002358	.0038919
Stddev	.0010704	.001084	.0000459
%RSD	.4979630	45.95051	1.180592
#1	.2153369	-.002305	.0038512
#2	.2137386	-.003467	.0039417
#3	.2157711	-.001302	.0038828

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3501.581	71143.87	10011.06	2414.680	4375.839
Stddev	6.639	22.28	7.85	3.401	5.357
%RSD	.1896015	.0313194	.0784203	.1408597	.1224173
#1	3497.357	71123.78	10013.08	2418.034	4373.954
#2	3509.234	71139.99	10002.40	2411.233	4381.883
#3	3498.154	71167.84	10017.70	2414.772	4371.679

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1041-06 Acquired: 1/23/2025 15:15:50 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCPG0S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0876566	.1088461	.0638317	.1892973	.1886037	14.20111	3.857711
Stddev	.0026913	.0016906	.0016978	.0028342	.0021490	.08348	.011209
%RSD	3.070274	1.553201	2.659752	1.497216	1.139433	.5878549	.2905635
#1	.0872889	.1075782	.0648006	.1912246	.1892775	14.17109	3.865562
#2	.0851680	.1081947	.0648232	.1860431	.1861985	14.13679	3.844874
#3	.0905128	.1107655	.0618713	.1906243	.1903351	14.29545	3.862696

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0990145	.1021720	5.530625	.4966029	1.039419	.4987831	52.45096
Stddev	.0001076	.0000934	.010132	.0010683	.001065	.0046760	.19605
%RSD	.1086723	.0914059	.1831935	.2151238	.1024385	.9374856	.3737759
#1	.0989261	.1020998	5.525128	.4957954	1.038988	.5035466	52.32583
#2	.0991343	.1022774	5.524429	.4961989	1.038637	.4941998	52.35015
#3	.0989830	.1021386	5.542317	.4978142	1.040632	.4986030	52.67690

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.997861	4.904674	1.090141	.0758705	-.291319	1.089045	1.032752
Stddev	.004591	.012716	.001115	.0001866	.400849	.001201	.002289
%RSD	.2297858	.2592606	.1023082	.2459376	137.5982	.1102583	.2216020
#1	1.999030	4.894424	1.089197	.0758035	-.431407	1.089882	1.032737
#2	1.992798	4.918904	1.089854	.0760813	-.603324	1.089584	1.030471
#3	2.001753	4.900693	1.091371	.0757266	.160775	1.087669	1.035048

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.081373	.9816315	.2166638	.0000410	.1755358	1.918449	.0040372
Stddev	.023842	.0041347	.0011233	.0001748	.0025099	.007568	.0003380
%RSD	29.29960	.4212030	.5184433	426.8041	1.429828	.3944929	8.372314
#1	-.058809	.9846369	.2162321	.0001297	.1729620	1.927187	.0041345
#2	-.078995	.9769162	.2158204	-.000160	.1756688	1.914158	.0036612
#3	-.106315	.9833415	.2179389	.000154	.1779765	1.914001	.0043158

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1041-06 Acquired: 1/23/2025 15:15:50 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCPG0S Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.024793	.0063793	.0182437
Stddev	.001583	.0013442	.0000617
%RSD	.1544297	21.07165	.3380019
#1	1.026516	.0051402	.0182793
#2	1.023405	.0061892	.0181725
#3	1.024458	.0078084	.0182793

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3521.489	72781.04	10275.80	2457.316	4273.495
Stddev	6.975	66.38	21.73	3.604	2.365
%RSD	.1980660	.0912007	.2114809	.1466839	.0553504
#1	3518.756	72784.15	10270.48	2453.552	4276.184
#2	3529.416	72845.81	10257.22	2460.736	4271.734
#3	3516.294	72713.16	10299.70	2457.660	4272.568

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1041-07 Acquired: 1/23/2025 15:19:46 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCPG1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1655365	-.005564	.7904170	.0566816	.0292327	63.60740	2.603107
Stddev	.0003699	.002667	.0010234	.0031850	.0010382	.18416	.004775
%RSD	.2234386	47.92795	.1294703	5.619145	3.551367	.2895323	.1834350
#1	.1652334	-.002920	.7913259	.0578013	.0289437	63.67692	2.608431
#2	.1654275	-.005518	.7893086	.0591556	.0303847	63.39859	2.601685
#3	.1659486	-.008253	.7906164	.0530880	.0283697	63.74668	2.599204

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0070070	.0113197	34.94998	.2451716	.1725413	.1891602	247.8600
Stddev	.0000879	.0000165	.05499	.0005433	.0002204	.0022554	.8625
%RSD	1.253920	.1461271	.1573438	.2215796	.1277145	1.192345	.3479864
#1	.0069218	.0113383	34.95823	.2457988	.1722921	.1904008	247.6392
#2	.0070973	.0113067	34.89133	.2448491	.1727104	.1865568	247.1294
#3	.0070019	.0113139	35.00038	.2448669	.1726216	.1905230	248.8115

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.97743	14.19314	.1039185	.0083892	.5657088	.4017273	2.127888
Stddev	.03103	.06186	.0002752	.0005410	.1324701	.0029051	.004219
%RSD	.1941999	.4358345	.2648039	6.448221	23.41665	.7231572	.1982591
#1	16.00217	14.18686	.1041486	.0078356	.5531912	.4050794	2.132760
#2	15.94262	14.13466	.1039932	.0084154	.4399418	.3999397	2.125460
#3	15.98750	14.25790	.1036137	.0089166	.7039933	.4001627	2.125446

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.345741	8.885870	1.018249	.0109156	3.859494	8.360005	.0183725
Stddev	.018673	.024586	.005580	.0002814	.013549	.007598	.0008627
%RSD	.3493022	.2766906	.5480049	2.578303	.3510553	.0908876	4.695616
#1	5.338144	8.874748	1.018869	.0106298	3.863645	8.366603	.0183400
#2	5.332065	8.868809	1.012385	.0111925	3.844355	8.361713	.0175265
#3	5.367015	8.914052	1.023493	.0109245	3.870481	8.351698	.0192510

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1041-07 Acquired: 1/23/2025 15:19:46 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCPG1 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.057621	.0268011	.0978152
Stddev	.003623	.0005560	.0001939
%RSD	.3425260	2.074413	.1982733
#1	1.060969	.0262289	.0980379
#2	1.058120	.0273393	.0977247
#3	1.053775	.0268352	.0976831

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3550.898	75215.29	10959.15	2522.804	3973.048
Stddev	4.173	118.43	26.57	6.380	6.327
%RSD	.1175101	.1574541	.2424313	.2528770	.1592505
#1	3555.411	75202.57	10965.13	2524.272	3980.353
#2	3550.103	75339.56	10930.10	2528.321	3969.488
#3	3547.180	75103.73	10982.22	2515.818	3969.303

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1041-08 Acquired: 1/23/2025 15:23:41 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCPG2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1292200	-.009093	.5809592	.0395058	.0248583	57.36507	6.437653
Stddev	.0027801	.001964	.0020259	.0035668	.0011583	.24969	.051876
%RSD	2.151428	21.59375	.3487245	9.028559	4.659646	.4352621	.8058202
#1	.1260978	-.011322	.5786256	.0436170	.0259671	57.07688	6.497523
#2	.1301346	-.007618	.5822680	.0372362	.0249516	57.51648	6.406050
#3	.1314275	-.008340	.5819840	.0376643	.0236561	57.50184	6.409385

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0071450	.0070605	220.1810	.1877304	.1804775	.3750863	192.4217
Stddev	.0001812	.0000110	.9698	.0010992	.0005949	.0003981	.7501
%RSD	2.536098	.1554706	.4404352	.5855113	.3296186	.1061421	.3898037
#1	.0073457	.0070720	219.2738	.1873763	.1801746	.3754591	191.5995
#2	.0069935	.0070594	221.2031	.1889631	.1800950	.3746669	193.0687
#3	.0070959	.0070501	220.0663	.1868520	.1811628	.3751328	192.5969

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.21933	76.57405	.1193112	.0055575	.2472298	.2855097	1.246445
Stddev	.07819	.18805	.0006102	.0001746	.2611698	.0012778	.011956
%RSD	.5498977	.2455836	.5114193	3.142209	105.6385	.4475562	.9591736
#1	14.15276	76.37514	.1198968	.0054344	.3225198	.2868434	1.233653
#2	14.30544	76.74894	.1193577	.0057574	-.043315	.2842963	1.257337
#3	14.19979	76.59807	.1186791	.0054808	.462484	.2853895	1.248344

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.726396	7.852858	.8231161	.0087822	7.887768	8.192415	.0093236
Stddev	.029480	.003360	.0041919	.0001917	.019053	.044729	.0005881
%RSD	.3815525	.0427814	.5092691	2.182335	.2415528	.5459801	6.307504
#1	7.710590	7.848990	.8184071	.0089033	7.905317	8.208478	.0093488
#2	7.760409	7.855047	.8264408	.0085612	7.890483	8.226895	.0087234
#3	7.708190	7.854537	.8245003	.0088821	7.867502	8.141873	.0098987

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1041-08 Acquired: 1/23/2025 15:23:41 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCPG2 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9482095	.0334407	.2326359
Stddev	.0042504	.0005903	.0013626
%RSD	.4482547	1.765344	.5857199
#1	.9510778	.0337017	.2311180
#2	.9502243	.0338555	.2337535
#3	.9433263	.0327648	.2330361

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3424.398	71772.54	10835.17	2434.039	3722.470
Stddev	4.071	184.49	70.81	5.879	6.571
%RSD	.1188943	.2570434	.6535603	.2415200	.1765135
#1	3425.334	71879.20	10764.30	2439.080	3726.678
#2	3427.920	71559.51	10835.29	2427.582	3725.834
#3	3419.940	71878.91	10905.92	2435.457	3714.899

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1041-09 Acquired: 1/23/2025 15:27:45 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCPG3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0931536	-.004818	.4748293	.0362724	.0177612	47.27765
Stddev	.0028458	.000879	.0033207	.0009204	.0024754	.23185
%RSD	3.055000	18.24598	.6993573	2.537342	13.93702	.4903979
#1	.0960631	-.003955	.4728090	.0373095	.0165156	47.39840
#2	.0930217	-.005712	.4786619	.0355529	.0206120	47.01034
#3	.0903760	-.004786	.4730170	.0359547	.0161561	47.42419

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.154099	.0066635	.0052293	54.89145	.1860484	.1424539
Stddev	.006662	.0000567	.0000036	.10919	.0003518	.0003911
%RSD	.2112303	.8506047	.0688673	.1989283	.1891089	.2745317
#1	3.161515	.0066767	.0052257	54.97436	.1863816	.1429024
#2	3.148619	.0067125	.0052292	54.76772	.1860829	.1421842
#3	3.152163	.0066014	.0052329	54.93225	.1856805	.1422751

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1505666	155.3928	16.15531	13.90121	.0826310	.0061106
Stddev	.0021075	.5525	.00190	.04830	.0002766	.0004709
%RSD	1.399723	.3555315	.0117880	.3474581	.3347686	7.707010
#1	.1487865	155.5708	16.15751	13.93372	.0829498	.0058609
#2	.1500196	154.7732	16.15428	13.84571	.0824543	.0066538
#3	.1528936	155.8343	16.15414	13.92420	.0824890	.0058171

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1215729	.2479257	1.149960	7.284977	F 12.72928	.6545165
Stddev	.1462564	.0005554	.003128	.035745	.02345	.0029352
%RSD	120.3034	.2240026	.2719770	.4906629	.1842465	.4484549
#1	-.022379	.2472845	1.151499	7.324867	12.72686	.6561780
#2	.270030	.2482428	1.146362	7.274211	12.70713	.6511274
#3	.117068	.2482500	1.152020	7.255853	12.75385	.6562440

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1041-09 Acquired: 1/23/2025 15:27:45 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCPG3 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0080960	6.913244	6.723973	.0066804	.9178696	.0221864
Stddev	.0004232	.024699	.026525	.0013512	.0015766	.0010612
%RSD	5.227084	.3572716	.3944773	20.22555	.1717661	4.783267
#1	.0078584	6.909827	6.724188	.0053081	.9160877	.0210258
#2	.0078449	6.890431	6.750390	.0080094	.9190834	.0231072
#3	.0085845	6.939473	6.697342	.0067239	.9184377	.0224263

Elem	Sr4077
Units	ppm
Avg	.1216841
Stddev	.0004743
%RSD	.3898023
#1	.1217523
#2	.1211794
#3	.1221207

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3542.048	74029.24	10935.12	2509.151	4001.053
Stddev	4.477	137.65	27.81	7.226	5.532
%RSD	.1263894	.1859361	.2542951	.2879900	.1382560
#1	3537.968	74023.21	10955.06	2516.386	3997.089
#2	3546.837	74169.80	10903.36	2509.132	4007.372
#3	3541.338	73894.70	10946.94	2501.934	3998.697

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1041-10 Acquired: 1/23/2025 15:31:41 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCPG4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0831386	-.005706	.4995695	.0295005	.0151970	41.05372	6.396130
Stddev	.0032692	.000855	.0012530	.0050621	.0007501	.22332	.055647
%RSD	3.932177	14.99001	.2508151	17.15927	4.935521	.5439747	.8700048
#1	.0834729	-.006680	.5008046	.0293477	.0156721	41.01759	6.354337
#2	.0797151	-.005360	.4982994	.0245166	.0155866	40.85066	6.459294
#3	.0862278	-.005078	.4996046	.0346373	.0143323	41.29290	6.374758

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0057598	.0053109	50.41654	.1417069	.1010823	.1050403	127.2865
Stddev	.0000669	.0000570	.18672	.0004134	.0003341	.0031712	.4698
%RSD	1.161481	1.074202	.3703506	.2917648	.3305588	3.019009	.3691195
#1	.0058068	.0053124	50.37855	.1416616	.1014668	.1077917	126.9827
#2	.0057894	.0053672	50.25173	.1421412	.1009177	.1015721	127.0492
#3	.0056832	.0052531	50.61933	.1413180	.1008625	.1057572	127.8277

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.27601	15.36587	.0707799	.0026662	.1849980	.2053973	.9088899
Stddev	.06541	.06634	.0004506	.0001010	.2845227	.0029712	.0037746
%RSD	.6364945	.4317311	.6365759	3.786783	153.7977	1.446576	.4152972
#1	10.27973	15.28944	.0702952	.0026445	.5117364	.2021553	.9084165
#2	10.20882	15.39964	.0711859	.0027762	.0513716	.2060462	.9053744
#3	10.33947	15.40853	.0708586	.0025778	-.008114	.2079905	.9128789

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.841997	6.062165	.5269623	.0065307	4.998732	6.334966	.0076106
Stddev	.024113	.013641	.0025944	.0002824	.002539	.011852	.0004020
%RSD	.6276039	.2250219	.4923214	4.323897	.0507864	.1870895	5.281566
#1	3.869683	6.073975	.5255772	.0067376	5.001654	6.344607	.0072550
#2	3.825601	6.065285	.5253545	.0062090	4.997068	6.338557	.0075300
#3	3.830705	6.047234	.5299552	.0066456	4.997475	6.321733	.0080467

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1041-10 Acquired: 1/23/2025 15:31:41 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCPG4 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9089066	.0173966	.1464860
Stddev	.0027609	.0000947	.0011853
%RSD	.3037622	.5442988	.8091185
#1	.9089476	.0174128	.1466709
#2	.9061254	.0172949	.1452191
#3	.9116468	.0174822	.1475679

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3523.048	74491.34	10424.49	2531.111	4000.927
Stddev	6.789	137.47	50.36	.432	5.387
%RSD	.1927139	.1845385	.4830971	.0170750	.1346526
#1	3530.180	74389.98	10391.05	2531.486	4000.130
#2	3516.662	74647.81	10400.01	2531.208	3995.983
#3	3522.302	74436.21	10482.41	2530.638	4006.669

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1041-11 Acquired: 1/23/2025 15:35:46 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCPG5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1829563	-.007736	.5594750	.0560251	.0285731	68.46550	1.817045
Stddev	.0029348	.002420	.0004589	.0026086	.0016501	.21228	.005773
%RSD	1.604120	31.28290	.0820251	4.656056	5.774920	.3100599	.3177403
#1	.1817246	-.009955	.5592430	.0579986	.0266860	68.22111	1.811634
#2	.1808380	-.005156	.5591784	.0570091	.0292885	68.60411	1.823123
#3	.1863063	-.008097	.5600036	.0530677	.0297447	68.57129	1.816378

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0109199	.0092056	59.02964	.2059379	.1962379	.2167061	261.3199
Stddev	.0000493	.0000489	.11924	.0000699	.0003135	.0004228	.4278
%RSD	.4517306	.5317346	.2020049	.0339443	.1597685	.1951141	.1636974
#1	.0109748	.0091548	58.90070	.2059733	.1961627	.2170652	260.8287
#2	.0109057	.0092094	59.13594	.2059831	.1959688	.2162401	261.6105
#3	.0108793	.0092525	59.05229	.2058574	.1965822	.2168129	261.5206

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.80434	31.98451	.1952249	.0078277	.0906823	.3535290	.5637724
Stddev	.02413	.02013	.0000447	.0003022	.3457509	.0028719	.0031514
%RSD	.2044305	.0629410	.0228878	3.861116	381.2771	.8123497	.5589892
#1	11.78137	31.96645	.1951901	.0074834	-.279551	.3503932	.5601952
#2	11.82949	32.00622	.1952094	.0080493	.405179	.3541626	.5661390
#3	11.80218	31.98087	.1952753	.0079504	.146419	.3560312	.5649831

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.773797	3.176088	1.075265	.0073484	2.159409	9.385111	.0105515
Stddev	.044270	.009430	.002222	.0005611	.001726	.018303	.0003966
%RSD	1.173088	.2969019	.2066257	7.635496	.0799212	.1950248	3.758703
#1	3.772918	3.175941	1.072699	.0077370	2.161347	9.364125	.0107316
#2	3.729974	3.166732	1.076525	.0067052	2.158037	9.393432	.0100968
#3	3.818500	3.185590	1.076569	.0076032	2.158844	9.397775	.0108261

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1041-11 Acquired: 1/23/2025 15:35:46 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCPG5 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9308188	.0204553	.0973701
Stddev	.0019874	.0007363	.0003445
%RSD	.2135133	3.599499	.3538082
#1	.9285935	.0199937	.0969863
#2	.9314457	.0213044	.0976527
#3	.9324171	.0200677	.0974713

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4012.682	84014.29	12553.86	2873.774	3863.738
Stddev	2.261	139.36	14.72	12.707	2.537
%RSD	.0563455	.1658722	.1172633	.4421816	.0656534
#1	4010.478	84145.40	12548.90	2888.236	3861.802
#2	4012.571	84029.54	12570.42	2868.689	3862.802
#3	4014.996	83867.94	12542.26	2864.397	3866.610

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1041-12 Acquired: 1/23/2025 15:39:41 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCPG6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1184577	-.005822	.5067109	.0412977	.0203197	46.87148	1.546489
Stddev	.0027750	.001281	.0001496	.0017263	.0002038	.19380	.008161
%RSD	2.342600	22.00048	.0295147	4.180057	1.003001	.4134631	.5276798
#1	.1162498	-.005463	.5067220	.0432165	.0202368	46.65246	1.538624
#2	.1215727	-.007245	.5065562	.0398708	.0201704	46.94124	1.545926
#3	.1175504	-.004760	.5068547	.0408059	.0205519	47.02074	1.554916

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0072146	.0064125	22.92140	.1922911	.1301233	.0813872	180.1356
Stddev	.0000195	.0001013	.03001	.0001586	.0006131	.0015772	.6650
%RSD	.2698601	1.579562	.1309442	.0824533	.4711823	1.937881	.3691686
#1	.0072078	.0064304	22.89183	.1924740	.1294586	.0818699	179.4386
#2	.0071994	.0065036	22.92054	.1921922	.1306668	.0796251	180.2051
#3	.0072365	.0063034	22.95184	.1922071	.1302445	.0826666	180.7632

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.44141	7.286407	.0791845	.0055937	.0831193	.2890687	.8577245
Stddev	.06439	.031297	.0004614	.0002319	.2204819	.0019253	.0041744
%RSD	.4458778	.4295228	.5826281	4.145899	265.2597	.6660535	.4866800
#1	14.39388	7.257224	.0793871	.0055216	-.127765	.2912201	.8584993
#2	14.41566	7.282540	.0795099	.0054065	.065037	.2875077	.8532170
#3	14.51469	7.319458	.0786565	.0058532	.312086	.2884783	.8614572

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.902380	3.824332	.7381251	.0080396	3.316126	6.787705	.0076222
Stddev	.018992	.016699	.0030701	.0000686	.014306	.037026	.0000651
%RSD	.6543549	.4366595	.4159377	.8528422	.4314094	.5454879	.8537462
#1	2.912863	3.816218	.7353096	.0079604	3.303814	6.827761	.0076468
#2	2.913820	3.843538	.7376673	.0080808	3.331820	6.754733	.0075485
#3	2.880457	3.813241	.7413984	.0080775	3.312746	6.780621	.0076714

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1041-12 Acquired: 1/23/2025 15:39:41 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCPG6 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.012903	.0200308	.0799871
Stddev	.001651	.0010448	.0005255
%RSD	.1630158	5.216195	.6570351
#1	1.012282	.0191692	.0793995
#2	1.011652	.0197301	.0801492
#3	1.014774	.0211930	.0804124

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3728.008	78047.96	11162.15	2610.543	4149.327
Stddev	14.524	133.31	58.57	10.930	13.997
%RSD	.3895894	.1708033	.5246827	.4186917	.3373400
#1	3716.514	78106.92	11094.53	2611.483	4151.849
#2	3723.178	78141.63	11196.73	2620.973	4134.240
#3	3744.331	77895.34	11195.19	2599.174	4161.891

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1041-13 Acquired: 1/23/2025 15:43:38 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCPG7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1479802	-.010208	4.991527	.0279740	.0472582	23.15570
Stddev	.0025262	.000261	.008068	.0038240	.0012771	.11969
%RSD	1.707107	2.555273	.1616379	13.67002	2.702373	.5168732
#1	.1485946	-.009935	5.000732	.0260175	.0459382	23.05218
#2	.1452034	-.010236	4.985684	.0323804	.0473489	23.28675
#3	.1501424	-.010454	4.988163	.0255241	.0484875	23.12816

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.53135	.0022624	.1174599	F 1608.859	.1265004	.0836233
Stddev	.07761	.0001527	.0004785	16.373	.0002171	.0007022
%RSD	.7369450	6.748336	.4073704	1.017685	.1716179	.8397423
#1	10.45394	.0021205	.1177631	1605.175	.1262855	.0828446
#2	10.53095	.0022427	.1169082	1626.760	.1264963	.0838166
#3	10.60916	.0024240	.1177082	1594.642	.1267196	.0842085

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5181916	233.3588	6.563555	F 894.0007	.1478203	.0087178
Stddev	.0025550	1.2909	.031361	5.5561	.0004244	.0003281
%RSD	.4930694	.5531935	.4778058	.6214865	.2870843	3.764083
#1	.5205559	232.2019	6.546032	888.5817	.1476143	.0084162
#2	.5185377	234.7513	6.599761	899.6845	.1475383	.0090673
#3	.5154811	233.1232	6.544871	893.7360	.1483083	.0086701

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.097202	.2300267	F 54.74087	1.927524	3.435283	1.018196
Stddev	.215952	.0010343	.45655	.035376	.010370	.008258
%RSD	222.1684	.4496253	.8340275	1.835333	.3018767	.8110374
#1	-.147113	.2310849	54.50006	1.889269	3.439104	1.011128
#2	.139335	.2299771	55.26742	1.959057	3.423544	1.027273
#3	-.283828	.2290181	54.45514	1.934247	3.443200	1.016188

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1041-13 Acquired: 1/23/2025 15:43:38 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCPG7 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0042882	F 108.6698	5.413327	.0187168	.7850584	.0529118
Stddev	.0001936	.2883	.011418	.0013916	.0021104	.0010682
%RSD	4.515634	.2653262	.2109300	7.434850	.2688147	2.018771
#1	.0045049	108.7402	5.423515	.0173877	.7826380	.0528098
#2	.0041321	108.3528	5.400985	.0201633	.7865132	.0540272
#3	.0042277	108.9164	5.415482	.0185993	.7860240	.0518982

Elem	Sr4077
Units	ppm
Avg	.7816603
Stddev	.0041074
%RSD	.5254721
#1	.7813346
#2	.7859209
#3	.7777255

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2790.892	58897.01	9368.492	1936.697	3003.039
Stddev	5.599	326.39	32.282	15.053	8.351
%RSD	.2006187	.5541642	.3445852	.7772428	.2780891
#1	2788.785	59213.83	9391.425	1943.997	2994.891
#2	2797.239	58561.83	9382.475	1919.386	3011.579
#3	2786.652	58915.37	9331.575	1946.708	3002.646

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1041-14 Acquired: 1/23/2025 15:47:48 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCPG8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1812643	-.008421	.6279546	.0588849	.0267924	70.92708	4.000858
Stddev	.0005518	.000717	.0008984	.0017608	.0014671	.12106	.011497
%RSD	.3044409	8.508940	.1430734	2.990261	5.475944	.1706890	.2873662
#1	.1812141	-.009172	.6282658	.0573500	.0255130	70.78833	3.993103
#2	.1818396	-.007745	.6269419	.0608071	.0264704	71.01122	4.014067
#3	.1807393	-.008347	.6286561	.0584976	.0283938	70.98168	3.995403

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0075565	.0076439	51.60415	.2494020	.2139148	.1631333	268.9060
Stddev	.0001090	.0000864	.15056	.0006228	.0000982	.0019264	.5925
%RSD	1.442578	1.129930	.2917686	.2497257	.0459172	1.180863	.2203330
#1	.0076717	.0076270	51.43300	.2496136	.2138433	.1619018	268.2732
#2	.0074550	.0077375	51.66323	.2498914	.2138743	.1621448	268.9971
#3	.0075427	.0075673	51.71621	.2487010	.2140268	.1653533	269.4476

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.02185	21.33790	.0989513	.0081922	.4080168	.3907543	1.597705
Stddev	.02867	.10041	.0005825	.0003566	.1646261	.0011656	.009574
%RSD	.2044889	.4705538	.5887109	4.353159	40.34787	.2982971	.5992153
#1	13.98921	21.30869	.0989933	.0080548	.3436465	.3915248	1.592768
#2	14.03338	21.25534	.0995117	.0079246	.5951023	.3894134	1.591608
#3	14.04297	21.44968	.0983489	.0085970	.2853018	.3913248	1.608740

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.106686	3.175856	1.104393	.0101252	3.108656	8.632816	.0106681
Stddev	.016917	.013030	.003009	.0006323	.007968	.008379	.0016588
%RSD	.4119394	.4102681	.2724244	6.244302	.2563061	.0970637	15.54961
#1	4.119891	3.182174	1.100936	.0101406	3.110768	8.635228	.0089510
#2	4.087617	3.184522	1.105831	.0094854	3.099846	8.639724	.0107916
#3	4.112551	3.160872	1.106413	.0107496	3.115355	8.623495	.0122618

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1041-14 Acquired: 1/23/2025 15:47:48 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCPG8 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.055225	.0265606	.1135394
Stddev	.002812	.0007018	.0003133
%RSD	.2664652	2.642449	.2759498
#1	1.056174	.0272257	.1132401
#2	1.057439	.0258271	.1138650
#3	1.052061	.0266291	.1135132

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3635.364	74581.85	11151.11	2527.571	4003.607
Stddev	2.090	75.20	37.84	10.397	4.963
%RSD	.0574827	.1008244	.3393117	.4113351	.1239580
#1	3637.392	74495.78	11111.88	2528.041	4002.502
#2	3635.482	74614.95	11154.08	2537.725	4009.029
#3	3633.218	74634.82	11187.38	2516.947	3999.290

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1041-15 Acquired: 1/23/2025 15:51:44 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCPG9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0880696	-.003566	3.784734	.0057858	.0284676	1.690266
Stddev	.0055980	.003281	.009085	.0033202	.0006427	.028395
%RSD	6.356319	92.02094	.2400383	57.38494	2.257578	1.679908
#1	.0944772	.000012	3.776419	.0084502	.0281854	1.657546
#2	.0841275	-.006435	3.783352	.0020663	.0280143	1.704792
#3	.0856042	-.004275	3.794430	.0068408	.0292031	1.708459

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.00484	-.000320	.0922511	F 2041.973	.0226766	.0249589
Stddev	.02865	.000043	.0000692	9.914	.0005245	.0002811
%RSD	.2863989	13.56218	.0749590	.4854999	2.313055	1.126428
#1	10.02114	-.000349	.0922712	2032.084	.0226342	.0250943
#2	9.97175	-.000341	.0923079	2041.925	.0232211	.0246357
#3	10.02162	-.000270	.0921741	2051.911	.0221746	.0251468

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4950844	118.3793	1.569649	F 1162.576	.1254657	.0031767
Stddev	.0030662	.2108	.009838	1.410	.0006852	.0002390
%RSD	.6193216	.1780797	.6267553	.1212965	.5461159	7.523203
#1	.4954432	118.3218	1.567427	1162.610	.1246750	.0030610
#2	.4918547	118.2032	1.561113	1161.149	.1258366	.0034515
#3	.4979555	118.6129	1.580408	1163.968	.1258854	.0030176

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F -1.42840	.0780108	F 33.24031	-.885928	.7994147	.5189259
Stddev	.14758	.0023927	.05010	.039278	.0052147	.0011580
%RSD	10.33174	3.067111	.1507171	4.433566	.6523136	.2231438
#1	-1.26577	.0805675	33.18391	-.883027	.7936984	.5191394
#2	-1.55380	.0758256	33.27966	-.926577	.8006338	.5176761
#3	-1.46564	.0776392	33.25735	-.848181	.8039118	.5199623

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1041-15 Acquired: 1/23/2025 15:51:44 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCPG9 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001760	F 116.3405	.8428797	-.001202	.0026875	.0553379
Stddev	.000782	.2902	.0082345	.001175	.0009104	.0010494
%RSD	44.45113	.2494215	.9769449	97.74867	33.87498	1.896284
#1	-.002592	116.0758	.8386212	-.002522	.0033689	.0564689
#2	-.001039	116.2949	.8376465	-.000811	.0030401	.0543959
#3	-.001648	116.6507	.8523713	-.000272	.0016536	.0551489

Elem	Sr4077
Units	ppm
Avg	.8131332
Stddev	.0053847
%RSD	.6622166
#1	.8127923
#2	.8079270
#3	.8186802

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2609.150	55212.92	9012.803	1817.189	2888.991
Stddev	2.271	94.37	42.479	9.396	1.470
%RSD	.0870312	.1709213	.4713147	.5170523	.0508866
#1	2610.914	55312.08	9051.958	1820.072	2888.981
#2	2609.946	55124.21	8967.641	1806.689	2890.466
#3	2606.588	55202.46	9018.810	1824.805	2887.526

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1041-16 Acquired: 1/23/2025 15:56:00 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCPH0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0465036	-.002067	.3459408	.0261059	.0161403	48.25733	1.204238
Stddev	.0011659	.001899	.0006544	.0035632	.0020142	.05074	.003401
%RSD	2.507163	91.86395	.1891720	13.64894	12.47947	.1051504	.2824061
#1	.0457629	.000101	.3466905	.0300704	.0184477	48.26942	1.206969
#2	.0478476	-.002870	.3454840	.0231705	.0147339	48.20163	1.205317
#3	.0459003	-.003433	.3456477	.0250769	.0152392	48.30093	1.200429

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0038216	.0042552	54.49462	.1079261	.1133962	.1086176	110.2258
Stddev	.0000085	.0000736	.20034	.0007229	.0006809	.0028220	.2703
%RSD	.2224140	1.728598	.3676406	.6698409	.6004572	2.598104	.2452267
#1	.0038259	.0043240	54.68888	.1086024	.1141777	.1056517	110.4306
#2	.0038118	.0041776	54.28870	.1071642	.1129308	.1089318	109.9194
#3	.0038270	.0042640	54.50629	.1080118	.1130801	.1112694	110.3275

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.599784	18.45683	.0793077	.0032954	.1271581	.1791448	2.621138
Stddev	.014139	.09954	.0004687	.0001868	.3387309	.0023239	.005177
%RSD	.3073838	.5393286	.5909733	5.668580	266.3856	1.297238	.1974912
#1	4.615710	18.51430	.0798379	.0034712	-.035822	.1818064	2.618456
#2	4.588710	18.34189	.0789483	.0033156	-.099275	.1775184	2.627105
#3	4.594933	18.51431	.0791370	.0030993	.516571	.1781095	2.617853

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.844510	5.040733	.4633245	.0062695	3.863815	8.383687	.0081311
Stddev	.036202	.018223	.0015329	.0002730	.019085	.032940	.0008896
%RSD	.6194160	.3615102	.3308454	4.354398	.4939470	.3929023	10.94063
#1	5.884203	5.052671	.4633298	.0060143	3.879623	8.417071	.0073895
#2	5.836016	5.049770	.4617890	.0065574	3.869208	8.351211	.0091174
#3	5.813310	5.019758	.4648547	.0062366	3.842613	8.382779	.0078863

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1041-16 Acquired: 1/23/2025 15:56:00 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCPH0 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.356992	.0249828	.1164550
Stddev	.004704	.0003477	.0002412
%RSD	.3466691	1.391865	.2071311
#1	1.362114	.0246568	.1166293
#2	1.355998	.0249426	.1165560
#3	1.352865	.0253488	.1161797

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3507.722	72804.11	10768.11	2454.042	4015.034
Stddev	7.981	487.80	65.84	8.929	7.501
%RSD	.2275340	.6700218	.6114680	.3638335	.1868212
#1	3499.774	72467.96	10707.88	2448.891	4007.175
#2	3507.655	73363.60	10838.40	2464.351	4015.812
#3	3515.736	72580.77	10758.05	2448.883	4022.116

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1041-17 Acquired: 1/23/2025 15:59:56 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCPH1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0692724	-.003624	3.193830	.0185148	.0166885	35.98708	.9518504
Stddev	.0029880	.001689	.000778	.0005595	.0023267	.27133	.0085269
%RSD	4.313335	46.59613	.0243613	3.021762	13.94161	.7539608	.8958261
#1	.0671917	-.005505	3.194634	.0182777	.0173076	35.87096	.9472079
#2	.0679294	-.002240	3.193081	.0191537	.0141150	36.29714	.9616912
#3	.0726962	-.003127	3.193774	.0181129	.0186430	35.79314	.9466522

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0044465	.0632016	164.0788	.1251751	.1220627	.1676837	119.4300
Stddev	.0000892	.0000294	1.1392	.0002263	.0002246	.0031573	.7064
%RSD	2.006384	.0464715	.6943126	.1807545	.1839668	1.882863	.5914627
#1	.0045242	.0631804	163.3494	.1249770	.1218036	.1679895	118.9708
#2	.0043491	.0632351	165.3915	.1254217	.1222016	.1706770	120.2434
#3	.0044662	.0631892	163.4954	.1251266	.1221829	.1643848	119.0757

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.629171	77.29601	.0954835	.0033388	-.056437	.1697907	4.615483
Stddev	.049217	.44062	.0001622	.0003463	.228164	.0030104	.020203
%RSD	.7424336	.5700444	.1698859	10.37290	404.2814	1.773003	.4377150
#1	6.603349	77.14911	.0955982	.0029752	.102146	.1682036	4.593240
#2	6.685926	77.79131	.0952979	.0036648	-.317929	.1732626	4.632694
#3	6.598239	76.94760	.0955544	.0033763	.046473	.1679060	4.620514

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.097356	3.669335	.4873869	.0052516	4.069854	7.371274	.0273535
Stddev	.054330	.009772	.0039535	.0001864	.004670	.015182	.0003300
%RSD	1.065849	.2663122	.8111706	3.548610	.1147481	.2059605	1.206331
#1	5.111070	3.680309	.4841669	.0052438	4.067319	7.383385	.0277328
#2	5.143514	3.661576	.4917994	.0054417	4.067000	7.376194	.0271329
#3	5.037482	3.666119	.4861944	.0050692	4.075243	7.354242	.0271947

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1041-17 Acquired: 1/23/2025 15:59:56 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCPH1 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.086756	.0199245	.0943746
Stddev	.001309	.0002297	.0007069
%RSD	.1204048	1.152880	.7490502
#1	1.086698	.0196815	.0940046
#2	1.088093	.0201380	.0951897
#3	1.085478	.0199539	.0939295

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3433.890	70995.28	9494.570	2411.705	3837.828
Stddev	.773	240.22	26.797	10.674	5.557
%RSD	.0225211	.3383637	.2822385	.4425956	.1447914
#1	3434.768	71185.20	9483.639	2423.982	3843.746
#2	3433.311	70725.23	9525.105	2404.621	3832.721
#3	3433.591	71075.40	9474.965	2406.512	3837.017

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1041-18 Acquired: 1/23/2025 16:03:50 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCPH2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0773283	-.002086	1.157319	.0320645	.0176275	48.87792	1.266236
Stddev	.0029846	.001579	.002576	.0017565	.0001331	.06495	.003399
%RSD	3.859703	75.69525	.2225794	5.478037	.7552785	.1328841	.2684468
#1	.0741763	-.001905	1.154714	.0318706	.0175690	48.80466	1.264215
#2	.0801113	-.000606	1.157377	.0339100	.0177799	48.92846	1.264332
#3	.0776974	-.003749	1.159865	.0304131	.0175337	48.90063	1.270160

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0028531	.0059437	38.50782	.1235821	.0768738	.1650119	135.9741
Stddev	.0000420	.0000246	.06676	.0008127	.0003996	.0021778	.4877
%RSD	1.471570	.4146963	.1733659	.6576343	.5197789	1.319764	.3586527
#1	.0028268	.0059337	38.43229	.1240280	.0765759	.1624973	135.4110
#2	.0028310	.0059256	38.55891	.1240743	.0767176	.1662546	136.2629
#3	.0029015	.0059718	38.53227	.1226440	.0773279	.1662838	136.2483

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.958077	15.42734	.0800588	.0028478	.2393906	.2124415	1.829722
Stddev	.007306	.03352	.0005521	.0006750	.3621788	.0003892	.003863
%RSD	.2469961	.2172840	.6895802	23.70316	151.2920	.1832027	.2111032
#1	2.950230	15.39277	.0796605	.0020842	.3752394	.2128680	1.828037
#2	2.959320	15.45970	.0798270	.0033649	.5140043	.2121056	1.834141
#3	2.964683	15.42954	.0806890	.0030945	-.171072	.2123508	1.826989

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.713966	6.296194	.5832380	.0074695	4.292399	8.164654	.0214912
Stddev	.021810	.020390	.0031472	.0002048	.019829	.018994	.0006830
%RSD	.3248429	.3238497	.5396142	2.741378	.4619521	.2326379	3.178121
#1	6.729073	6.281778	.5796524	.0075972	4.276221	8.161403	.0218973
#2	6.688962	6.287279	.5845181	.0072333	4.286455	8.147496	.0218737
#3	6.723863	6.319523	.5855434	.0075780	4.314519	8.185064	.0207026

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1041-18 Acquired: 1/23/2025 16:03:50 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCPH2 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.305792	.0236034	.0857789
Stddev	.003056	.0006933	.0002309
%RSD	.2340068	2.937419	.2692261
#1	1.307906	.0244017	.0856600
#2	1.307182	.0232568	.0856317
#3	1.302288	.0231517	.0860451

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3559.264	73185.51	10518.77	2491.132	4144.986
Stddev	4.314	200.83	10.40	3.653	4.210
%RSD	.1212100	.2744116	.0988999	.1466347	.1015574
#1	3562.898	73395.19	10519.85	2489.382	4148.002
#2	3560.398	72994.89	10507.87	2488.684	4146.779
#3	3554.496	73166.46	10528.59	2495.331	4140.177

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1041-19 Acquired: 1/23/2025 16:07:46 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCPH3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0467850	-.000971	2.092633	.0234272	.0149197	47.42496	1.422783
Stddev	.0024051	.002248	.001151	.0013878	.0004125	.22442	.004516
%RSD	5.140704	231.4499	.0549946	5.923820	2.764513	.4732004	.3174188
#1	.0481931	-.000131	2.091334	.0249716	.0146166	47.29332	1.422566
#2	.0440080	-.003518	2.093038	.0230254	.0153894	47.68408	1.427404
#3	.0481540	.000735	2.093526	.0222847	.0147530	47.29748	1.418379

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0052449	.0052232	18.12671	.1190009	.1633839	.1148684	108.4571
Stddev	.0001345	.0000142	.04353	.0005222	.0004728	.0003509	.4713
%RSD	2.563902	.2717952	.2401687	.4388006	.2893919	.3055187	.4345120
#1	.0053915	.0052100	18.10653	.1196003	.1629425	.1152605	108.2737
#2	.0051272	.0052214	18.17667	.1186446	.1633262	.1145837	108.9925
#3	.0052160	.0052382	18.09692	.1187579	.1638829	.1147610	108.1051

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.723017	7.650051	.0811622	.0035788	-.006228	.1789129	1.302789
Stddev	.012255	.025743	.0006671	.0002674	.203475	.0022332	.015025
%RSD	.1586762	.3365057	.8219673	7.472937	3267.004	1.248230	1.153279
#1	7.730870	7.657920	.0811730	.0037771	-.134786	.1814899	1.312531
#2	7.729284	7.670940	.0818238	.0036848	-.112262	.1775425	1.285486
#3	7.708896	7.621292	.0804897	.0032746	.228364	.1777063	1.310351

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.994142	4.077842	.4510651	.0050598	2.734653	7.033600	.0136820
Stddev	.054023	.015728	.0019527	.0004806	.013698	.052826	.0003881
%RSD	1.081736	.3856898	.4329087	9.498948	.5009138	.7510451	2.836828
#1	4.978005	4.088324	.4495434	.0050524	2.750468	7.090782	.0141295
#2	5.054395	4.059757	.4532669	.0055440	2.726970	6.986619	.0134789
#3	4.950026	4.085445	.4503850	.0045828	2.726521	7.023399	.0134375

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1041-19 Acquired: 1/23/2025 16:07:46 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCPH3 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.142599	.0238350	.0768736
Stddev	.003086	.0008143	.0002830
%RSD	.2700421	3.416380	.3681682
#1	1.144242	.0238942	.0770259
#2	1.139040	.0246181	.0770478
#3	1.144516	.0229927	.0765470

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3744.325	75217.88	10911.84	2540.104	4274.846
Stddev	5.186	248.19	83.72	19.385	6.211
%RSD	.1384988	.3299672	.7672740	.7631651	.1452975
#1	3742.899	74934.46	10846.22	2526.256	4275.261
#2	3740.001	75396.45	11006.13	2562.258	4268.437
#3	3750.075	75322.72	10883.17	2531.798	4280.839

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1041-20 Acquired: 1/23/2025 16:11:42 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCPH4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0556074	-.001999	.8366462	.0267497	.0152542	45.20242	1.190015
Stddev	.0004458	.001438	.0018074	.0027137	.0012418	.19137	.009964
%RSD	.8017170	71.95352	.2160318	10.14494	8.140353	.4233669	.8373409
#1	.0554549	-.001830	.8382382	.0285633	.0138249	45.30313	1.195983
#2	.0561094	-.003515	.8346815	.0236299	.0160677	45.32241	1.195550
#3	.0552578	-.000653	.8370189	.0280560	.0158701	44.98172	1.178512

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0052258	.0043040	15.43560	.1535576	.1279686	.0707103	113.9895
Stddev	.0000670	.0001117	.08305	.0000654	.0002544	.0011011	.3995
%RSD	1.282425	2.595165	.5380402	.0426010	.1987655	1.557246	.3504725
#1	.0053025	.0044306	15.49298	.1535695	.1279704	.0703370	114.1479
#2	.0051970	.0042623	15.47345	.1536162	.1277133	.0698443	114.2856
#3	.0051780	.0042192	15.34037	.1534870	.1282220	.0719495	113.5351

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.475657	8.524883	.0797860	.0030457	-.041713	.1914272	.6966937
Stddev	.045922	.024523	.0005037	.0005690	.225267	.0021559	.0008876
%RSD	.7091407	.2876679	.6313417	18.68036	540.0368	1.126220	.1274009
#1	6.496369	8.548455	.0798882	.0029260	.218378	.1937128	.6962850
#2	6.507574	8.526686	.0792390	.0036650	-.174883	.1911388	.6960841
#3	6.423027	8.499508	.0802308	.0025462	-.168635	.1894301	.6977120

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.410729	3.624177	.4661868	.0066106	2.824380	7.881785	.0151174
Stddev	.046303	.004052	.0020227	.0002242	.003863	.082250	.0004565
%RSD	.7222737	.1118157	.4338713	3.392092	.1367574	1.043547	3.019972
#1	6.428967	3.623599	.4677020	.0067989	2.826738	7.856461	.0156313
#2	6.445135	3.628487	.4669684	.0066703	2.826480	7.973719	.0147588
#3	6.358084	3.620444	.4638900	.0063625	2.819923	7.815174	.0149620

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1041-20 Acquired: 1/23/2025 16:11:42 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCPH4 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.312431	.0227216	.0681155
Stddev	.012816	.0012784	.0006011
%RSD	.9764773	5.626400	.8825071
#1	1.309642	.0241447	.0684113
#2	1.326411	.0223496	.0685114
#3	1.301239	.0216705	.0674238

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3529.827	73252.43	10379.42	2460.183	4058.578
Stddev	2.585	187.26	63.13	10.909	2.624
%RSD	.0732316	.2556423	.6082062	.4434291	.0646510
#1	3529.459	73040.63	10425.27	2454.228	4058.526
#2	3527.446	73320.58	10307.42	2472.773	4055.979
#3	3532.577	73396.07	10405.58	2453.546	4061.226

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1041-21 Acquired: 1/23/2025 16:15:39 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCPH5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0565798	-.001574	.3781258	.0295569	.0124903	50.83696	1.442842
Stddev	.0024577	.000746	.0001711	.0044381	.0008075	.40472	.013313
%RSD	4.343688	47.38591	.0452580	15.01555	6.465169	.7961228	.9226835
#1	.0574860	-.000983	.3783226	.0304854	.0132177	50.81822	1.439959
#2	.0584557	-.001327	.3780120	.0247280	.0116214	51.25072	1.457361
#3	.0537977	-.002412	.3780429	.0334574	.0126317	50.44192	1.431207

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0049486	.0037562	13.26304	.1374554	.1571568	.0669181	124.8393
Stddev	.0000199	.0000742	.05392	.0006398	.0003272	.0013072	.7233
%RSD	.4030139	1.975916	.4065605	.4654460	.2082240	1.953404	.5793892
#1	.0049689	.0037812	13.23353	.1381604	.1574307	.0684142	124.7313
#2	.0049290	.0038147	13.32528	.1372941	.1572453	.0663432	125.6106
#3	.0049479	.0036727	13.23032	.1369118	.1567944	.0659968	124.1761

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.027477	9.555415	.0840859	.0039594	.1357963	.2137320	.4043023
Stddev	.044889	.029204	.0000403	.0000532	.0740011	.0017551	.0032324
%RSD	.6387675	.3056325	.0479799	1.343963	54.49423	.8211659	.7994979
#1	7.005195	9.533312	.0841152	.0039149	.2201439	.2117416	.4023968
#2	7.079148	9.588523	.0840398	.0040184	.0817786	.2143966	.4024756
#3	6.998088	9.544409	.0841025	.0039450	.1054663	.2150577	.4080344

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.805352	2.440311	.5138609	.0061722	2.113951	8.369593	.0153748
Stddev	.055619	.006588	.0034455	.0003166	.000919	.015217	.0001752
%RSD	1.157429	.2699641	.6705103	5.129340	.0434887	.1818147	1.139369
#1	4.803441	2.447332	.5136192	.0063607	2.113583	8.361190	.0151866
#2	4.861901	2.434264	.5174209	.0063493	2.114998	8.360429	.0155331
#3	4.750713	2.439339	.5105426	.0058067	2.113273	8.387158	.0154047

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1041-21 Acquired: 1/23/2025 16:15:39 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCPH5 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.467460	.0281343	.0998893
Stddev	.002618	.0011737	.0008151
%RSD	.1784131	4.171753	.8159663
#1	1.466430	.0289149	.0996897
#2	1.470437	.0267845	.1007856
#3	1.465515	.0287034	.0991926

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3576.148	74286.27	10818.00	2507.128	4049.363
Stddev	6.944	112.91	83.30	11.357	6.968
%RSD	.1941657	.1519884	.7700442	.4529852	.1720827
#1	3582.376	74157.89	10802.60	2494.029	4046.863
#2	3577.407	74370.11	10907.92	2513.137	4057.237
#3	3568.661	74330.82	10743.46	2514.218	4043.990

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1039-01 Acquired: 1/23/2025 16:19:37 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCPD8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0823601	-.004995	1.308866	.0284591	.0128289	50.07158	1.864408
Stddev	.0015209	.000438	.001244	.0027096	.0015223	.47113	.027536
%RSD	1.846660	8.773863	.0950150	9.521034	11.86593	.9409123	1.476931
#1	.0807190	-.004795	1.307508	.0261080	.0136374	50.61533	1.895921
#2	.0826389	-.004693	1.309948	.0314224	.0137764	49.81432	1.844987
#3	.0837222	-.005498	1.309144	.0278468	.0110730	49.78507	1.852316

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0051845	.0048002	28.44275	.1315471	.1829945	.0908640	129.4875
Stddev	.0000692	.0000709	.27648	.0002286	.0006016	.0013684	1.2268
%RSD	1.334838	1.477722	.9720659	.1737676	.3287460	1.505953	.9474094
#1	.0051046	.0048116	28.76150	.1315519	.1824366	.0908464	130.8895
#2	.0052274	.0048647	28.29885	.1317732	.1829149	.0895045	128.6113
#3	.0052214	.0047242	28.26790	.1313161	.1836319	.0922411	128.9616

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.66511	12.47350	.0743985	.0042347	.4041684	.2270945	.5146151
Stddev	.12910	.08601	.0006109	.0003361	.1930678	.0025025	.0092090
%RSD	1.210525	.6895079	.8210473	7.937787	47.76916	1.101975	1.789487
#1	10.81251	12.57052	.0742051	.0045773	.4943705	.2264171	.5252486
#2	10.57208	12.40662	.0739077	.0042214	.5356257	.2250003	.5092603
#3	10.61075	12.44335	.0750826	.0039054	.1825089	.2298659	.5093365

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.997998	3.217779	.5371073	.0079323	2.139509	6.614028	.0101582
Stddev	.090283	.005537	.0074685	.0003176	.010661	.019770	.0000798
%RSD	3.011452	.1720854	1.390512	4.004007	.4982692	.2989028	.7857131
#1	3.093024	3.217014	.5456650	.0079837	2.135439	6.628471	.0100672
#2	2.913355	3.223659	.5319046	.0082211	2.131483	6.591497	.0101908
#3	2.987613	3.212664	.5337522	.0075922	2.151605	6.622117	.0102165

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1039-01 Acquired: 1/23/2025 16:19:37 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCPD8 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9982407	.0283085	.0591934
Stddev	.0026478	.0006965	.0008477
%RSD	.2652472	2.460251	1.432004
#1	1.001164	.0288410	.0601626
#2	.996004	.0275204	.0585905
#3	.997554	.0285643	.0588271

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3568.004	74693.41	10856.72	2525.115	4052.188
Stddev	4.319	335.27	69.61	8.203	3.503
%RSD	.1210399	.4488556	.6411420	.3248452	.0864496
#1	3568.559	74329.69	10932.38	2515.681	4055.957
#2	3563.435	74760.43	10795.40	2530.566	4049.031
#3	3572.019	74990.10	10842.38	2529.098	4051.575

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1039-02 Acquired: 1/23/2025 16:23:35 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCPD9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0472132	-.002861	1.035347	.0225010	.0111752	42.20560	1.177489
Stddev	.0023369	.000365	.003966	.0005594	.0012769	.04949	.003376
%RSD	4.949608	12.75247	.3830300	2.485979	11.42649	.1172634	.2866724
#1	.0455220	-.002840	1.031840	.0231280	.0099066	42.21269	1.181297
#2	.0462379	-.002508	1.034551	.0220531	.0111586	42.25116	1.174865
#3	.0498797	-.003236	1.039651	.0223220	.0124603	42.15294	1.176306

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0052914	.0031495	43.23937	.1093952	.1481219	.0579831	100.9003
Stddev	.0000407	.0000467	.02876	.0002935	.0000935	.0019716	.2083
%RSD	.7687218	1.483337	.0665150	.2683193	.0631452	3.400253	.2064397
#1	.0052503	.0031447	43.26860	.1090771	.1480613	.0595732	100.7505
#2	.0052923	.0031053	43.23840	.1096556	.1482296	.0557771	101.1382
#3	.0053317	.0031984	43.21111	.1094528	.1480748	.0585990	100.8124

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.07334	19.61199	.0680549	.0022427	.2666028	.1892152	.2854806
Stddev	.03423	.05482	.0002670	.0002792	.1328506	.0011244	.0047389
%RSD	.3091206	.2795193	.3922750	12.44755	49.83092	.5942425	1.659979
#1	11.11285	19.61146	.0677532	.0020475	.2129548	.1879873	.2890991
#2	11.05242	19.66708	.0682605	.0025625	.4178884	.1901946	.2872262
#3	11.05476	19.55744	.0681510	.0021182	.1689650	.1894637	.2801165

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.289830	2.970351	.4153462	.0059768	3.082061	6.588557	.0063596
Stddev	.025909	.007870	.0013290	.0001103	.010549	.004666	.0010854
%RSD	1.131493	.2649561	.3199805	1.845299	.3422661	.0708240	17.06674
#1	2.294770	2.964244	.4142906	.0058556	3.070935	6.589487	.0072170
#2	2.261807	2.967577	.4168386	.0060713	3.091918	6.592689	.0051393
#3	2.312914	2.979232	.4149092	.0060034	3.083329	6.583496	.0067225

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1039-02 Acquired: 1/23/2025 16:23:35 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCPD9 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8775207	.0230002	.0538572
Stddev	.0023536	.0005776	.0002279
%RSD	.2682098	2.511518	.4230982
#1	.8799861	.0236109	.0541194
#2	.8752976	.0229273	.0537448
#3	.8772783	.0224625	.0537074

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3573.404	73210.07	10372.33	2474.537	4105.618
Stddev	3.000	260.11	39.53	12.035	7.620
%RSD	.0839497	.3552901	.3811507	.4863622	.1856056
#1	3576.338	73487.35	10416.64	2487.916	4113.538
#2	3573.533	72971.46	10340.68	2471.104	4104.978
#3	3570.342	73171.38	10359.65	2464.592	4098.337

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: CCV003 Acquired: 1/23/2025 16:27:31 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV003 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**4.952371**	**4.818726**	**24.48731**	**4.960811**	**5.022315**	**412.4374**
Stddev	.004132	.013242	.04298	.009094	.008724	4.2690
%RSD	.0834281	.2748063	.1755210	.1833152	.1737050	1.035063
#1	4.948838	4.828993	24.45697	4.971069	5.032388	411.5602
#2	4.956914	4.823405	24.46846	4.957625	5.017427	417.0768
#3	4.951360	4.803780	24.53649	4.953739	5.017132	408.6751

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**10.05673**	**.4828576**	**2.475804**	**405.5872**	**15.77896**	**2.476722**
Stddev	.03415	.0008313	.002991	1.5597	.02993	.003920
%RSD	.3395851	.1721562	.1208155	.3845470	.1896770	.1582876
#1	10.02483	.4818978	2.473771	406.5737	15.75782	2.472239
#2	10.05260	.4833453	2.474401	406.3988	15.76585	2.478415
#3	10.09275	.4833298	2.479238	403.7891	15.81321	2.479511

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**14.22653**	**416.4523**	**15.02198**	**407.2115**	**2.473269**	**1.294812**
Stddev	.03928	.4605	.01961	.3336	.003536	.002167
%RSD	.2760873	.1105809	.1305358	.0819232	.1429532	.1673216
#1	14.22089	416.8744	15.01696	407.5961	2.470112	1.294019
#2	14.26832	416.5213	15.04361	407.0382	2.472608	1.297263
#3	14.19038	415.9611	15.00537	407.0003	2.477089	1.293153

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**373.3495**	**2.430734**	**15.70855**	**160.2794**	**4.939517**	F **5.826338**
Stddev	2.1907	.003624	.00636	.1324	.009981	.002468
%RSD	.5867623	.1490953	.0405175	.0826153	.2020679	.0423604
#1	373.1111	2.432363	15.70532	160.4241	4.936854	5.828030
#2	375.6496	2.433258	15.71588	160.2497	4.950559	5.827478
#3	371.2878	2.426581	15.70445	160.1644	4.931137	5.823506

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: CCV003 Acquired: 1/23/2025 16:27:31 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV003 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.908940	5.015501	4.779911	4.995819	4.814270	5.128893
Stddev	.004520	.009536	.003269	.003691	.009870	.012866
%RSD	.0920741	.1901349	.0683954	.0738757	.2050130	.2508591
#1	4.913907	5.008288	4.776799	4.992273	4.817212	5.135787
#2	4.907844	5.026313	4.783318	4.995545	4.822333	5.136843
#3	4.905069	5.011903	4.779617	4.999639	4.803263	5.114048

Elem	Sr4077
Units	ppm
Avg	5.116494
Stddev	.040419
%RSD	.7899807
#1	5.133188
#2	5.070402
#3	5.145893

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2765.352	59668.20	9457.832	2000.874	3208.294
Stddev	4.331	52.48	4.562	.869	3.943
%RSD	.1565996	.0879524	.0482361	.0434140	.1228870
#1	2760.763	59696.97	9462.822	2000.527	3211.012
#2	2769.366	59700.01	9456.802	2001.863	3210.097
#3	2765.928	59607.63	9453.874	2000.233	3203.772

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: CCB003 Acquired: 1/23/2025 16:31:49 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB003 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002080	.0009103	.0000676	-.001026	.0004583	.0024915	-.001178
Stddev	.000627	.0004448	.0007082	.002704	.0010017	.0087579	.000029
%RSD	30.12928	48.86901	1047.800	263.6180	218.5688	351.5105	2.470203
#1	-.001785	.0004109	-.000733	.000220	.0010627	.0118333	-.001202
#2	-.002800	.0012640	.000323	-.004128	.0010102	.0011745	-.001186
#3	-.001656	.0010559	.000613	.000831	-.000698	-.005533	-.001145

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000440	-.000005	.0180588	.0009067	.0001305	.0032238	.0121256
Stddev	.0000080	.000046	.0049086	.0001365	.0002246	.0026827	.0034363
%RSD	18.25168	842.8335	27.18126	15.05741	172.1107	83.21697	28.33911
#1	.0000427	-.000046	.0149342	.0009079	.0002291	.0003035	.0106504
#2	.0000367	.000044	.0155257	.0010426	-.000127	.0037888	.0160531
#3	.0000526	-.000014	.0237165	.0007695	.000289	.0055790	.0096732

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002191	.0188867	.0000889	-.000525	.0873099	.0011161	-.000538
Stddev	.0001829	.0084093	.0003810	.000276	.4808723	.0013167	.000502
%RSD	83.45699	44.52494	428.4437	52.52993	550.7647	117.9733	93.16931
#1	.0001136	.0248754	.0000087	-.000837	.3015353	-.000345	-.001105
#2	.0001135	.0225119	-.000246	-.000422	-.463445	.002211	-.000359
#3	.0004303	.0092729	.000504	-.000315	.423840	.001483	-.000151

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.097296	.0021651	.0041492	-.000001	.0041101	.0027828	-.000120
Stddev	.032585	.0011114	.0005085	.000154	.0036894	.0008966	.000508
%RSD	33.49054	51.33293	12.25651	11667.60	89.76377	32.22043	422.0422
#1	-.117378	.0012622	.0046803	-.000035	.0066155	.0021719	-.000689
#2	-.059699	.0018267	.0041005	-.000136	.0058413	.0023643	.000289
#3	-.114810	.0034063	.0036667	.000167	-.000127	.0038121	.000039

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: CCB003 Acquired: 1/23/2025 16:31:49 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB003 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0005491	-.003315	.0001055
Stddev	.0005136	.000492	.0000352
%RSD	93.53682	14.85680	33.31653
#1	-.000044	-.002818	.0000810
#2	.000835	-.003803	.0001458
#3	.000856	-.003322	.0000898

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3525.331	71567.22	10063.34	2440.539	4449.086
Stddev	4.682	291.97	45.64	15.755	5.110
%RSD	.1327989	.4079695	.4535700	.6455368	.1148440
#1	3530.644	71473.95	10039.59	2441.411	4454.281
#2	3523.535	71333.28	10034.47	2424.367	4444.066
#3	3521.813	71894.43	10115.96	2455.840	4448.910

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1039-03 Acquired: 1/23/2025 16:35:58 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCPE0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0475514	-.002293	1.484837	.0237860	.0112168	47.38291	1.197041
Stddev	.0015968	.000771	.002345	.0006850	.0025692	.01014	.003995
%RSD	3.358014	33.63376	.1579479	2.879826	22.90462	.0213932	.3337167
#1	.0457630	-.003171	1.482585	.0239680	.0106397	47.39381	1.201247
#2	.0480573	-.001724	1.484661	.0243617	.0089852	47.38115	1.196578
#3	.0488340	-.001985	1.487265	.0230284	.0140254	47.37376	1.193298

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0067702	.0034431	18.31277	.1075393	.1635274	.0461122	99.97593
Stddev	.0000447	.0000757	.00659	.0001898	.0004082	.0010858	.09376
%RSD	.6600847	2.199247	.0359968	.1764523	.2496310	2.354746	.0937827
#1	.0068109	.0033577	18.32031	.1077512	.1633078	.0468446	100.0666
#2	.0067224	.0034698	18.30808	.1074815	.1632759	.0448647	99.8793
#3	.0067774	.0035019	18.30993	.1073852	.1639984	.0466273	99.9819

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.64763	8.075878	.0672875	.0034013	-.211338	.2002366	.2857194
Stddev	.03053	.025073	.0007736	.0001776	.314567	.0026166	.0005990
%RSD	.2236864	.3104666	1.149766	5.221023	148.8453	1.306733	.2096532
#1	13.67974	8.062459	.0665681	.0035193	-.412003	.2022751	.2860366
#2	13.64415	8.104804	.0681058	.0031971	.151202	.2011485	.2860932
#3	13.61899	8.060370	.0671885	.0034875	-.373214	.1972860	.2850285

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.466669	2.799790	.4175499	.0065665	2.166254	6.123212	.0062044
Stddev	.005087	.003799	.0006673	.0003667	.001475	.005398	.0004504
%RSD	.2062190	.1356850	.1598172	5.584084	.0680711	.0881572	7.260054
#1	2.464130	2.798948	.4182825	.0068155	2.164855	6.120220	.0060827
#2	2.463352	2.803939	.4173905	.0061454	2.166114	6.129444	.0058273
#3	2.472526	2.796483	.4169767	.0067385	2.167794	6.119973	.0067032

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1039-03 Acquired: 1/23/2025 16:35:58 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCPE0 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8909913	.0260805	.0642412
Stddev	.0016441	.0015140	.0001522
%RSD	.1845280	5.805154	.2369791
#1	.8928591	.0267998	.0643088
#2	.8897631	.0271008	.0643478
#3	.8903516	.0243410	.0640668

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3640.198	75451.27	10880.39	2569.562	4139.481
Stddev	6.778	62.53	15.73	5.866	8.454
%RSD	.1861916	.0828687	.1445450	.2282788	.2042370
#1	3644.666	75410.11	10892.56	2563.650	4148.537
#2	3643.529	75523.22	10885.97	2575.380	4138.112
#3	3632.400	75420.47	10862.63	2569.657	4131.795

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1039-04 Acquired: 1/23/2025 16:39:55 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCPE0D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0499674	-.005139	1.466795	.0235545	.0106194	47.38698	1.203126
Stddev	.0017356	.001121	.001254	.0009958	.0016254	.11917	.002007
%RSD	3.473360	21.80807	.0854989	4.227854	15.30546	.2514789	.1667968
#1	.0484610	-.006432	1.467393	.0239859	.0088353	47.25527	1.200941
#2	.0518652	-.004552	1.467638	.0224157	.0120159	47.41835	1.204887
#3	.0495759	-.004435	1.465354	.0242620	.0110071	47.48733	1.203551

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0065302	.0033153	18.28248	.1068581	.1618485	.0517760	100.1045
Stddev	.0001155	.0000517	.06009	.0004957	.0002041	.0012937	.2672
%RSD	1.768501	1.559404	.3286614	.4638694	.1261117	2.498593	.2669411
#1	.0065363	.0032868	18.21312	.1068849	.1619092	.0532694	99.8000
#2	.0064119	.0032842	18.31565	.1063496	.1620153	.0510588	100.2134
#3	.0066426	.0033750	18.31866	.1073399	.1616209	.0509997	100.3001

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.69826	8.132553	.0659373	.0042843	-.129912	.1999023	.2906074
Stddev	.02020	.022858	.0006931	.0005041	.200651	.0027844	.0041251
%RSD	.1474818	.2810735	1.051179	11.76512	154.4509	1.392893	1.419474
#1	13.67531	8.139065	.0659509	.0037462	.003052	.2009160	.2863939
#2	13.70609	8.151450	.0652375	.0043610	-.032075	.1967531	.2946380
#3	13.71338	8.107146	.0666235	.0047455	-.360715	.2020379	.2907902

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.398753	2.758014	.4177256	.0062746	2.104700	6.121331	.0071716
Stddev	.058957	.003127	.0009788	.0001262	.005122	.034615	.0002635
%RSD	2.457800	.1133739	.2343062	2.010601	.2433367	.5654895	3.674466
#1	2.393495	2.758792	.4166073	.0061296	2.102594	6.107377	.0074238
#2	2.342601	2.754572	.4181436	.0063353	2.110538	6.095871	.0068981
#3	2.460162	2.760679	.4184260	.0063589	2.100966	6.160746	.0071930

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1039-04 Acquired: 1/23/2025 16:39:55 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCPE0D Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8883512	.0257885	.0644092
Stddev	.0040919	.0016161	.0003199
%RSD	.4606126	6.266886	.4966723
#1	.8850630	.0253765	.0641555
#2	.8870569	.0244182	.0647686
#3	.8929337	.0275707	.0643036

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3696.511	76347.73	11084.00	2590.172	4216.324
Stddev	1.699	84.36	50.87	3.661	4.399
%RSD	.0459701	.1105007	.4589411	.1413591	.1043392
#1	3694.816	76251.71	11060.96	2590.921	4211.396
#2	3698.215	76381.56	11142.31	2593.401	4219.856
#3	3696.502	76409.94	11048.73	2586.194	4217.720

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1039-03LX5 Acquired: 1/23/2025 16:43:53 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCPE0L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0072970	.0010551	.3031894	.0052426	.0015337	9.730197	.2409143
Stddev	.0010365	.0026660	.0007444	.0027655	.0004576	.051939	.0009919
%RSD	14.20413	252.6633	.2455297	52.75014	29.83903	.5337874	.4117076
#1	.0064211	.0036173	.3024550	.0070072	.0010319	9.757706	.2419690
#2	.0084413	.0012520	.3039434	.0020554	.0016414	9.670290	.2407735
#3	.0070287	-.001704	.3031698	.0066651	.0019280	9.762596	.2400004

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0014859	.0006720	3.797886	.0229076	.0325789	.0129443	20.76461
Stddev	.0000436	.0000455	.023967	.0001706	.0003311	.0028046	.11803
%RSD	2.935643	6.770631	.6310729	.7448394	1.016304	21.66639	.5684282
#1	.0015099	.0006600	3.820737	.0227203	.0324648	.0098224	20.87835
#2	.0015123	.0007223	3.772940	.0229483	.0329520	.0152507	20.64271
#3	.0014356	.0006337	3.799981	.0230542	.0323200	.0137599	20.77279

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.815062	1.701612	.0132174	.0001680	-.263982	.0436835	.0602421
Stddev	.005998	.015867	.0000947	.0002535	.205014	.0009147	.0015140
%RSD	.2130839	.9324488	.7161636	150.9127	77.66236	2.093963	2.513260
#1	2.820587	1.685519	.0131774	-.000086	-.292711	.0440456	.0595048
#2	2.808682	1.702075	.0131494	.000168	-.453116	.0426432	.0619836
#3	2.815919	1.717242	.0133255	.000422	-.046118	.0443617	.0592380

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3842082	.5690727	.0865445	.0012331	.4390638	1.340129	.0001537
Stddev	.0123351	.0011393	.0005292	.0002012	.0052192	.005888	.0003414
%RSD	3.210520	.2001971	.6114629	16.31647	1.188705	.4393666	222.1076
#1	.3962979	.5699185	.0870803	.0010012	.4405253	1.340746	.0005474
#2	.3846852	.5677772	.0860222	.0013365	.4332697	1.345685	-.000025
#3	.3716416	.5695224	.0865310	.0013614	.4433965	1.333957	-.000061

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1039-03LX5 Acquired: 1/23/2025 16:43:53 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCPE0L Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1905677	.0026901	.0134107
Stddev	.0013129	.0006482	.0000684
%RSD	.6889233	24.09517	.5104032
#1	.1917885	.0022717	.0134717
#2	.1907357	.0034367	.0134237
#3	.1891789	.0023618	.0133367

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3493.301	73749.67	10236.78	2515.685	4276.662
Stddev	3.220	35.25	48.15	6.684	3.407
%RSD	.0921876	.0477935	.4703908	.2656930	.0796761
#1	3496.036	73740.09	10283.86	2521.358	4279.237
#2	3489.752	73788.72	10187.63	2517.381	4272.798
#3	3494.114	73720.20	10238.84	2508.317	4277.951

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1039-05 Acquired: 1/23/2025 16:47:57 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCPE0S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1173360	.1016051	1.480862	.1883165	.1763314	48.02876	4.487097
Stddev	.0006304	.0017235	.001609	.0005745	.0010762	.13834	.016768
%RSD	.5372319	1.696223	.1086253	.3050759	.6103396	.2880260	.3737029
#1	.1166109	.1028530	1.480823	.1876855	.1768982	48.13347	4.490826
#2	.1176435	.0996387	1.482490	.1888094	.1750903	48.08087	4.501687
#3	.1177536	.1023238	1.479273	.1884545	.1770058	47.87194	4.468778

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1012452	.1007175	17.25289	.5275924	1.137145	.4924274	96.07104
Stddev	.0006014	.0003817	.04680	.0003349	.002772	.0057189	.30173
%RSD	.5939770	.3789658	.2712602	.0634829	.2437270	1.161367	.3140722
#1	.1019382	.1011414	17.27323	.5279789	1.139758	.4986149	96.21433
#2	.1008594	.1004011	17.28608	.5273882	1.137437	.4873357	96.27443
#3	.1009381	.1006101	17.19936	.5274101	1.134238	.4913316	95.72436

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.59400	7.562807	1.052008	.0727532	.0071627	1.137545	1.138958
Stddev	.04162	.017502	.001597	.0004120	.2521248	.012203	.008420
%RSD	.3061934	.2314256	.1518278	.5662912	3519.980	1.072730	.7392432
#1	13.61212	7.582973	1.052755	.0727844	.2818056	1.151610	1.135455
#2	13.62350	7.553871	1.053094	.0731487	-.213797	1.131242	1.148564
#3	13.54639	7.551577	1.050174	.0723265	-.046520	1.129782	1.132856

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.259446	2.666520	.3952043	.0058503	2.047635	5.991437	.0059168
Stddev	.025192	.008073	.0014031	.0002876	.006881	.049108	.0007261
%RSD	1.114958	.3027652	.3550236	4.916066	.3360642	.8196286	12.27218
#1	2.267148	2.675791	.3949378	.0058953	2.053114	6.047465	.0052826
#2	2.279888	2.662730	.3967214	.0055428	2.039912	5.955858	.0057588
#3	2.231303	2.661040	.3939535	.0061127	2.049881	5.970989	.0067088

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1039-05 Acquired: 1/23/2025 16:47:57 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCPE0S Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8631779	.0241981	.0594311
Stddev	.0066215	.0002837	.0004211
%RSD	.7671121	1.172360	.7085611
#1	.8708103	.0239318	.0597137
#2	.8589689	.0241660	.0596326
#3	.8597545	.0244964	.0589471

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3736.015	76132.56	10567.49	2577.474	4279.850
Stddev	5.250	128.29	71.11	16.869	4.197
%RSD	.1405262	.1685110	.6728851	.6544700	.0980739
#1	3741.632	76177.42	10485.53	2586.434	4277.708
#2	3731.231	75987.87	10612.77	2558.016	4277.155
#3	3735.183	76232.40	10604.16	2587.972	4284.686

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1039-06 Acquired: 1/23/2025 16:51:49 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCPE1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0410009	-.001080	1.035946	.0208206	.0103909	42.64601	.9668134
Stddev	.0010967	.001345	.000926	.0048116	.0010599	.56706	.0148961
%RSD	2.674781	124.4366	.0893883	23.11008	10.19983	1.329686	1.540745
#1	.0422607	-.002623	1.034936	.0215804	.0092792	42.77162	.9678420
#2	.0402600	-.000157	1.036756	.0252071	.0105036	43.13974	.9811686
#3	.0404820	-.000462	1.036144	.0156742	.0113900	42.02668	.9514296

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0043810	.0029511	16.33965	.1000575	.1542675	.0463665	92.14720
Stddev	.0000666	.0000789	.20386	.0012547	.0001713	.0022345	1.23685
%RSD	1.519759	2.671777	1.247633	1.253957	.1110287	4.819271	1.342250
#1	.0043967	.0028787	16.38976	.1007040	.1541343	.0453980	92.55583
#2	.0044383	.0029394	16.51378	.1008571	.1544607	.0489219	93.12802
#3	.0043079	.0030351	16.11541	.0986114	.1542074	.0447797	90.75775

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.007298	8.001824	.0600004	.0028205	.0742239	.1847656	.2834015
Stddev	.120386	.088951	.0006193	.0006176	.2176690	.0034464	.0011093
%RSD	1.336544	1.111635	1.032247	21.89578	293.2601	1.865276	.3914247
#1	9.019252	8.058410	.0595526	.0026725	.3054233	.1832543	.2821397
#2	9.121261	8.047767	.0597415	.0034986	-.126757	.1887094	.2842232
#3	8.881380	7.899297	.0607072	.0022903	.044005	.1823331	.2838416

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.240903	2.216881	.3808468	.0056094	1.739272	6.386502	.0059816
Stddev	.007040	.009337	.0058329	.0004176	.013499	.043386	.0006155
%RSD	.3141464	.4211666	1.531562	7.444605	.7761276	.6793397	10.28930
#1	2.240057	2.208739	.3822343	.0051563	1.727268	6.347381	.0056259
#2	2.248328	2.214832	.3858608	.0056930	1.736662	6.433164	.0056266
#3	2.234325	2.227072	.3744452	.0059788	1.753885	6.378961	.0066923

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1039-06 Acquired: 1/23/2025 16:51:49 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCPE1 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.046737	.0276230	.0501638
Stddev	.012408	.0012785	.0006377
%RSD	1.185360	4.628241	1.271233
#1	1.037815	.0280458	.0503576
#2	1.060906	.0286365	.0506821
#3	1.041490	.0261867	.0494517

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3619.537	77711.18	10834.62	2562.321	4231.253
Stddev	3.820	960.76	45.12	30.749	7.093
%RSD	.1055298	1.236317	.4164728	1.200038	.1676265
#1	3623.273	77176.17	10844.89	2542.094	4239.395
#2	3615.639	77137.03	10785.25	2547.164	4227.950
#3	3619.700	78820.33	10873.73	2597.706	4226.414

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1039-07 Acquired: 1/23/2025 16:55:47 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCPE2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0532808	-.002007	1.126708	.0266600	.0114113	54.96203	1.002831
Stddev	.0016482	.000958	.000572	.0019417	.0003346	.69538	.012284
%RSD	3.093343	47.75379	.0507697	7.283049	2.932666	1.265192	1.224902
#1	.0550531	-.001738	1.126428	.0245598	.0114756	55.75774	1.016902
#2	.0529951	-.001212	1.126331	.0283898	.0110491	54.65736	.997341
#3	.0517941	-.003071	1.127367	.0270302	.0117090	54.47099	.994249

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0051485	.0035559	15.92550	.1116791	.1594016	.0552391	116.8995
Stddev	.0001592	.0001225	.15711	.0002408	.0004743	.0012266	1.2916
%RSD	3.091405	3.445844	.9865026	.2156468	.2975351	2.220511	1.104865
#1	.0049762	.0034161	16.10634	.1119572	.1597023	.0551413	118.3849
#2	.0051789	.0036066	15.84749	.1115401	.1588549	.0565117	116.2724
#3	.0052902	.0036448	15.82267	.1115401	.1596477	.0540644	116.0413

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.977993	10.53608	.0737667	.0040556	-.108125	.2161643	.2874606
Stddev	.090578	.09507	.0004679	.0001547	.053372	.0010297	.0024317
%RSD	1.135349	.9022960	.6343049	3.815723	49.36153	.4763460	.8459056
#1	8.082189	10.64571	.0742013	.0039899	-.150550	.2153304	.2887217
#2	7.933754	10.47638	.0738274	.0039445	-.125626	.2173152	.2846574
#3	7.918036	10.48616	.0732714	.0042324	-.048200	.2158471	.2890026

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.462229	2.273313	.4852444	.0061644	2.041864	7.236372	.0073479
Stddev	.083851	.006610	.0076250	.0001810	.002900	.038882	.0008444
%RSD	2.421873	.2907544	1.571372	2.936144	.1420099	.5373094	11.49151
#1	3.540621	2.280753	.4939944	.0063036	2.042896	7.200989	.0064118
#2	3.373820	2.268118	.4817174	.0059598	2.038590	7.230130	.0080521
#3	3.472247	2.271067	.4800216	.0062298	2.044107	7.277997	.0075797

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1039-07 Acquired: 1/23/2025 16:55:47 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCPE2 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.126737	.0357759	.0594641
Stddev	.004457	.0002178	.0008625
%RSD	.3955353	.6088377	1.450501
#1	1.127961	.0357863	.0604442
#2	1.121796	.0359883	.0591274
#3	1.130453	.0355530	.0588207

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3684.800	74776.67	10968.76	2541.857	4202.520
Stddev	8.446	366.77	94.43	16.885	7.084
%RSD	.2292152	.4904900	.8608826	.6642601	.1685761
#1	3692.725	74412.82	11076.28	2523.941	4209.868
#2	3685.761	74770.89	10930.73	2544.156	4201.961
#3	3675.915	75146.30	10899.28	2557.474	4195.733

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1039-08 Acquired: 1/23/2025 16:59:45 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCPE3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0405684	-.002865	1.149095	.0210590	.0101745	42.65329	1.063361
Stddev	.0010173	.002197	.000463	.0024450	.0006822	.28777	.009567
%RSD	2.507530	76.67024	.0402581	11.61009	6.704791	.6746817	.8997012
#1	.0405697	-.002860	1.149101	.0203009	.0097183	42.84023	1.064309
#2	.0415850	-.000671	1.148630	.0190829	.0098465	42.32191	1.053355
#3	.0395505	-.005065	1.149555	.0237932	.0109587	42.79775	1.072419

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0051949	.0035706	16.72397	.0974502	.1165061	.0531787	95.27682
Stddev	.0000889	.0000557	.11485	.0007772	.0002369	.0015186	.58356
%RSD	1.710763	1.560414	.6867524	.7975273	.2033557	2.855563	.6124851
#1	.0051103	.0035873	16.77498	.0972078	.1162743	.0536873	95.60755
#2	.0051869	.0036160	16.59245	.0968231	.1164962	.0543778	94.60303
#3	.0052875	.0035084	16.80448	.0983197	.1167478	.0514712	95.61989

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.878331	7.399519	.0628207	.0021388	-.206173	.1947030	.5837780
Stddev	.055147	.013513	.0003409	.0002361	.347483	.0006908	.0063052
%RSD	.6211434	.1826176	.5426524	11.04110	168.5398	.3548102	1.080061
#1	8.887842	7.415040	.0624831	.0019484	.169591	.1954707	.5846995
#2	8.819047	7.390374	.0631648	.0020650	-.515899	.1941313	.5770628
#3	8.928104	7.393144	.0628140	.0024031	-.272211	.1945071	.5895717

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.620920	3.267594	.3930251	.0056721	2.230729	6.693254	.0071648
Stddev	.017255	.009047	.0028433	.0002240	.002952	.011506	.0001124
%RSD	.6583646	.2768684	.7234409	3.949284	.1323331	.1719017	1.569320
#1	2.607799	3.258232	.3947270	.0058413	2.230673	6.690545	.0072893
#2	2.640466	3.268260	.3897427	.0054180	2.227806	6.683345	.0070706
#3	2.614494	3.276289	.3946058	.0057569	2.233709	6.705873	.0071345

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1039-08 Acquired: 1/23/2025 16:59:45 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCPE3 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8579183	.0248848	.0586282
Stddev	.0004255	.0014210	.0003427
%RSD	.0495917	5.710095	.5845255
#1	.8574399	.0237642	.0588121
#2	.8582544	.0244072	.0582328
#3	.8580606	.0264830	.0588397

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3763.291	76478.55	10763.03	2632.381	4274.703
Stddev	6.889	269.57	22.59	14.926	1.389
%RSD	.1830609	.3524800	.2098908	.5670013	.0324842
#1	3756.460	76261.43	10757.57	2631.535	4273.338
#2	3770.237	76780.27	10743.66	2647.712	4276.114
#3	3763.175	76393.94	10787.84	2617.897	4274.657

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1039-09 Acquired: 1/23/2025 17:03:43 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCPE4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0732671	-.005523	3.259191	.0298360	.0133344	53.29853	1.865170
Stddev	.0020985	.001049	.008435	.0025054	.0023261	.30186	.014747
%RSD	2.864216	19.00129	.2588134	8.397259	17.44419	.5663549	.7906460
#1	.0708884	-.006707	3.255781	.0326147	.0106592	53.27188	1.869296
#2	.0748567	-.004709	3.252995	.0291437	.0144640	53.01088	1.848800
#3	.0740563	-.005152	3.268798	.0277494	.0148800	53.61283	1.877415

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0096938	.0073009	26.71449	.1284419	.2161729	.0893035	139.0419
Stddev	.0001706	.0000397	.16664	.0005599	.0005322	.0013954	.7195
%RSD	1.759769	.5438729	.6237724	.4359423	.2461869	1.562541	.5174641
#1	.0097880	.0072556	26.59434	.1278554	.2163415	.0907686	138.6924
#2	.0097966	.0073298	26.64441	.1284993	.2155769	.0891518	138.5640
#3	.0094969	.0073173	26.90472	.1289709	.2166004	.0879902	139.8694

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.09370	9.323373	.1074691	.0061372	-.183585	.2862298	.6674033
Stddev	.08451	.080996	.0002186	.0001844	.390721	.0025580	.0037084
%RSD	.3507408	.8687377	.2034414	3.005243	212.8280	.8936779	.5556437
#1	24.16034	9.268861	.1074683	.0061011	-.613067	.2832861	.6642940
#2	24.12212	9.284813	.1072508	.0059735	.150830	.2874916	.6664083
#3	23.99865	9.416444	.1076881	.0063371	-.088519	.2879117	.6715077

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.885688	5.498928	.5741578	.0118850	3.553124	7.171938	.0095885
Stddev	.084191	.020332	.0041031	.0002537	.020539	.035198	.0018752
%RSD	2.166691	.3697451	.7146356	2.134550	.5780471	.4907709	19.55699
#1	3.869285	5.512463	.5727725	.0119303	3.541615	7.134414	.0078817
#2	3.810905	5.475548	.5709266	.0116117	3.540920	7.177176	.0092879
#3	3.976873	5.508775	.5787743	.0121130	3.576837	7.204223	.0115959

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1039-09 Acquired: 1/23/2025 17:03:43 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCPE4 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9468945	.0327961	.0896191
Stddev	.0039867	.0006647	.0006682
%RSD	.4210269	2.026667	.7455912
#1	.9429858	.0327638	.0895027
#2	.9467429	.0321481	.0890168
#3	.9509548	.0334763	.0903379

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3961.080	81051.09	11680.39	2755.665	4147.232
Stddev	8.286	107.75	69.45	7.621	3.505
%RSD	.2091842	.1329364	.5946023	.2765673	.0845124
#1	3958.083	81116.10	11745.63	2763.961	4146.319
#2	3970.447	81110.45	11607.38	2754.060	4151.103
#3	3954.709	80926.72	11688.16	2748.974	4144.274

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1039-10 Acquired: 1/23/2025 17:07:48 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCPE5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0471217	-.008778	1.671652	-.003048	.0154971	15.64962
Stddev	.0066678	.000351	.002363	.002087	.0013863	.01480
%RSD	14.15009	3.997145	.1413836	68.46239	8.945713	.0945620
#1	.0458057	-.008900	1.669057	-.005423	.0154624	15.66409
#2	.0543493	-.009051	1.673682	-.002211	.0141284	15.63451
#3	.0412100	-.008382	1.672218	-.001510	.0169004	15.65025

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 30.33971	.0020807	.0177801	F 2139.074	.0704431	.0434608
Stddev	.19335	.0000191	.0000582	15.023	.0006106	.0005704
%RSD	.6372690	.9187166	.3275386	.7023029	.8668154	1.312429
#1	30.22648	.0020586	.0177616	2133.439	.0701734	.0431515
#2	30.56296	.0020926	.0178454	2127.684	.0700138	.0441191
#3	30.22970	.0020908	.0177334	2156.100	.0711421	.0431119

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1289443	80.99494	4.950073	F 1217.865	.0657175	.0004051
Stddev	.0022305	.16638	.016300	7.460	.0009916	.0002702
%RSD	1.729849	.2054165	.3292824	.6125587	1.508875	66.70037
#1	.1298934	81.14023	4.963418	1212.696	.0657669	.0004703
#2	.1263961	80.81344	4.931907	1214.481	.0647021	.0006368
#3	.1305432	81.03115	4.954896	1226.417	.0666835	.0001083

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.191269	.1505494	3.823477	1.772666	2.705312	.3853894
Stddev	.343676	.0015841	.022437	.050871	.008258	.0014982
%RSD	179.6821	1.052213	.5868231	2.869740	.3052535	.3887451
#1	.147994	.1488627	3.843831	1.826971	2.695812	.3858617
#2	-.539194	.1520057	3.799418	1.764906	2.709346	.3837120
#3	-.182607	.1507799	3.827183	1.726121	2.710777	.3865945

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1039-10 Acquired: 1/23/2025 17:07:48 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCPE5 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0153793	F 19.21831	3.704469	-.000900	.3016514	.0685053
Stddev	.0002955	.02038	.018738	.001165	.0003929	.0016905
%RSD	1.921208	.1060370	.5058249	129.4629	.1302396	2.467742
#1	.0150542	19.20006	3.684526	.000327	.3017357	.0687445
#2	.0154520	19.24030	3.721709	-.001992	.3019953	.0700634
#3	.0156316	19.21457	3.707171	-.001035	.3012233	.0667078

Elem	Sr4077
Units	ppm
Avg	1.023584
Stddev	.004706
%RSD	.4597189
#1	1.028673
#2	1.019391
#3	1.022688

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2704.734	57073.47	9274.421	1875.652	2866.034
Stddev	.969	166.42	39.853	7.797	1.774
%RSD	.0358323	.2915939	.4297075	.4156707	.0618947
#1	2704.270	57092.33	9318.598	1874.255	2865.160
#2	2704.085	57229.67	9263.495	1884.054	2868.075
#3	2705.848	56898.43	9241.171	1868.650	2864.865

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1039-11 Acquired: 1/23/2025 17:12:10 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCPE6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1185740	-.003523	2.004865	.0476870	.0228674	92.70912	4.065619
Stddev	.0009626	.002482	.005363	.0040739	.0002360	.81918	.037067
%RSD	.8118017	70.45404	.2674914	8.542945	1.032271	.8835971	.9117273
#1	.1174870	-.000671	1.999024	.0506701	.0227496	93.65460	4.108346
#2	.1189164	-.005191	2.006004	.0493454	.0231391	92.26088	4.046436
#3	.1193186	-.004706	2.009567	.0430455	.0227133	92.21189	4.042074

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0074335	.0104152	64.11925	.2103357	.2294928	.1393085	219.5918
Stddev	.0001132	.0001401	.53525	.0008495	.0002891	.0041985	1.8702
%RSD	1.522516	1.345045	.8347713	.4038857	.1259539	3.013799	.8516686
#1	.0073542	.0103090	64.73633	.2101824	.2291647	.1379357	221.7293
#2	.0073832	.0105740	63.84074	.2095733	.2297101	.1359683	218.7892
#3	.0075631	.0103627	63.78068	.2112514	.2296036	.1440215	218.2568

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.64059	33.53787	.1400349	.0069787	.1338976	.3676630	1.052032
Stddev	.09450	.23616	.0000640	.0008891	.1635576	.0035709	.006058
%RSD	.6454931	.7041529	.0457020	12.74032	122.1513	.9712315	.5758657
#1	14.74822	33.80627	.1401039	.0080030	.3194513	.3635785	1.058517
#2	14.60236	33.44539	.1399775	.0064056	.0715912	.3701935	1.051061
#3	14.57120	33.36195	.1400234	.0065276	.0106502	.3692170	1.046518

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.574946	3.987767	.9124028	.0103714	2.474997	9.188491	.0109455
Stddev	.084679	.013177	.0101368	.0001381	.010028	.029485	.0019658
%RSD	1.518921	.3304327	1.111000	1.331583	.4051924	.3208919	17.95942
#1	5.668069	3.972565	.9240550	.0102966	2.463669	9.166481	.0124003
#2	5.554204	3.995927	.9075383	.0102867	2.482744	9.221991	.0117270
#3	5.502566	3.994808	.9056151	.0105307	2.478577	9.177000	.0087092

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1039-11 Acquired: 1/23/2025 17:12:10 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCPE6 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.403261	.0515661	.1030864
Stddev	.004831	.0005535	.0010210
%RSD	.3442865	1.073289	.9903958
#1	1.402780	.0522011	.1042550
#2	1.408315	.0513105	.1026374
#3	1.398688	.0511866	.1023669

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3567.348	73748.33	10998.33	2514.105	3886.428
Stddev	2.437	243.07	84.59	6.647	2.998
%RSD	.0683044	.3295884	.7691034	.2643765	.0771498
#1	3566.316	73524.35	11089.01	2509.767	3889.706
#2	3570.131	73713.83	10921.55	2510.791	3883.825
#3	3565.597	74006.80	10984.42	2521.757	3885.752

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1039-12 Acquired: 1/23/2025 17:16:08 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCPE7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0621993	-.001080	.3619997	.0309791	.0167960	62.68601	1.966864
Stddev	.0007200	.000146	.0000431	.0012723	.0006939	.43091	.013141
%RSD	1.157614	13.51734	.0119210	4.106849	4.131153	.6874043	.6681073
#1	.0627816	-.000912	.3619965	.0300656	.0166301	62.22617	1.952821
#2	.0624220	-.001175	.3620444	.0324322	.0175578	63.08052	1.978863
#3	.0613942	-.001154	.3619583	.0304393	.0162001	62.75135	1.968909

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0048817	.0046310	35.28762	.1154630	.1060921	.1475925	143.8686
Stddev	.0000418	.0000126	.20222	.0004477	.0003557	.0023316	1.0062
%RSD	.8568349	.2729382	.5730497	.3877403	.3352760	1.579774	.6993598
#1	.0049236	.0046450	35.05851	.1154264	.1061444	.1461989	142.7423
#2	.0048816	.0046205	35.44120	.1159280	.1057131	.1462943	144.6786
#3	.0048399	.0046275	35.36315	.1150348	.1064187	.1502843	144.1849

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.799753	13.43509	.1045941	.0032311	.0964927	.2205938	.5977352
Stddev	.033093	.10257	.0005004	.0000597	.1449380	.0007839	.0034678
%RSD	.5705952	.7634410	.4783889	1.847888	150.2062	.3553693	.5801505
#1	5.763264	13.31738	.1044261	.0032300	.0063676	.2208129	.6006502
#2	5.827824	13.50528	.1041993	.0032913	.2636828	.2212448	.5939002
#3	5.808172	13.48261	.1051568	.0031719	.0194277	.2197236	.5986551

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.305835	5.782017	.6061372	.0074082	2.687121	7.959283	.0079260
Stddev	.060328	.013754	.0050478	.0002397	.002164	.028535	.0009551
%RSD	.8257540	.2378807	.8327795	3.236157	.0805393	.3585117	12.04982
#1	7.236212	5.796141	.6005827	.0076824	2.684687	7.980479	.0070283
#2	7.338646	5.768664	.6104443	.0073038	2.687848	7.926838	.0089296
#3	7.342645	5.781247	.6073846	.0072383	2.688829	7.970532	.0078200

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1039-12 Acquired: 1/23/2025 17:16:08 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCPE7 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.200235	.0384609	.1445811
Stddev	.000239	.0009961	.0008295
%RSD	.0199516	2.590003	.5737133
#1	1.200382	.0373337	.1436947
#2	1.199959	.0392226	.1453386
#3	1.200365	.0388266	.1447101

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3668.701	75427.09	10967.91	2562.506	4129.218
Stddev	4.810	328.36	35.80	3.984	6.930
%RSD	.1311157	.4353290	.3264185	.1554900	.1678279
#1	3665.185	75796.15	10946.98	2565.926	4122.779
#2	3674.183	75317.78	11009.25	2563.463	4136.552
#3	3666.736	75167.32	10947.50	2558.131	4128.324

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1039-13 Acquired: 1/23/2025 17:20:06 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCPE8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0610541	-.002190	.3289073	.0284493	.0132785	49.62248	2.330904
Stddev	.0013116	.000624	.0015989	.0016494	.0013661	.48940	.026685
%RSD	2.148198	28.49958	.4861277	5.797698	10.28841	.9862462	1.144833
#1	.0625658	-.002878	.3307514	.0268341	.0143133	49.99750	2.351804
#2	.0603775	-.001661	.3279079	.0283828	.0117299	49.80107	2.340063
#3	.0602190	-.002031	.3280626	.0301309	.0137922	49.06886	2.300846

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0051164	.0056409	63.32715	.1047936	.1275255	.1280413	127.0347
Stddev	.0001176	.0001606	.61304	.0003858	.0000305	.0014489	1.1969
%RSD	2.298921	2.846380	.9680517	.3681940	.0238957	1.131622	.9422122
#1	.0050825	.0055342	63.82467	.1049878	.1274928	.1268556	127.8429
#2	.0050195	.0055629	63.51447	.1043492	.1275531	.1296564	127.6015
#3	.0052473	.0058255	62.64230	.1050437	.1275305	.1276120	125.6596

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.210297	22.05556	.0987879	.0030224	-.404788	.1893770	.5643526
Stddev	.078385	.14410	.0000788	.0005967	.246074	.0032109	.0034707
%RSD	.9547190	.6533457	.0798035	19.74154	60.79070	1.695521	.6149883
#1	8.269058	22.14631	.0988115	.0034566	-.494173	.1861769	.5679855
#2	8.240538	22.13098	.0988522	.0032686	-.593677	.1925986	.5640016
#3	8.121296	21.88941	.0986999	.0023420	-.126515	.1893554	.5610708

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.361292	4.781262	.5457960	.0068714	3.156598	7.368538	.0081849
Stddev	.070333	.021673	.0063322	.0003394	.009252	.013460	.0007565
%RSD	.9554500	.4533005	1.160174	4.939978	.2931088	.1826701	9.242394
#1	7.421739	4.762803	.5500753	.0068857	3.155501	7.358548	.0079327
#2	7.378041	4.775856	.5487908	.0065250	3.147943	7.363221	.0075867
#3	7.284096	4.805126	.5385220	.0072035	3.166350	7.383844	.0090353

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1039-13 Acquired: 1/23/2025 17:20:06 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCPE8 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.076590	.0336432	.1976447
Stddev	.000811	.0012300	.0024757
%RSD	.0753689	3.656146	1.252609
#1	1.077239	.0337631	.1994130
#2	1.076851	.0348089	.1987057
#3	1.075681	.0323576	.1948153

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3640.477	74413.31	10794.03	2526.034	4083.928
Stddev	7.837	198.53	105.31	5.807	6.062
%RSD	.2152691	.2667978	.9755957	.2298821	.1484281
#1	3641.299	74450.47	10892.19	2522.683	4087.470
#2	3647.870	74198.82	10807.10	2522.679	4087.386
#3	3632.261	74590.63	10682.80	2532.739	4076.929

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1039-14 Acquired: 1/23/2025 17:24:02 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCPE9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0900027	-.002131	.3049457	.0309029	.0152608	51.31451	2.095817
Stddev	.0035455	.001356	.0000583	.0030133	.0014312	1.14028	.047101
%RSD	3.939360	63.65253	.0191189	9.750837	9.378451	2.222131	2.247403
#1	.0861536	-.001300	.3049235	.0282684	.0149579	51.47519	2.099654
#2	.0907193	-.003696	.3049017	.0302518	.0140053	50.10242	2.046914
#3	.0931352	-.001397	.3050118	.0341885	.0168192	52.36593	2.140883

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0042588	.0051751	41.24500	.1112390	.1217030	.1524392	135.8574
Stddev	.0001160	.0001028	.82476	.0020645	.0003586	.0009911	2.7822
%RSD	2.723214	1.985875	1.999669	1.855893	.2946344	.6501898	2.047894
#1	.0041461	.0051941	41.27540	.1117787	.1219719	.1525010	136.1219
#2	.0042523	.0052670	40.40546	.1089583	.1212959	.1514186	132.9524
#3	.0043778	.0050642	42.05415	.1129801	.1218413	.1533980	138.4979

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.676333	15.30544	.0967068	.0037218	-.022755	.1983971	.7120486
Stddev	.135785	.32796	.0001009	.0003657	.161375	.0004223	.0127388
%RSD	2.033828	2.142793	.1043603	9.825029	709.2017	.2128597	1.789035
#1	6.673545	15.30860	.0966548	.0033042	.161336	.1979120	.7128821
#2	6.541963	14.97591	.0966425	.0038765	-.089796	.1986827	.6989136
#3	6.813491	15.63181	.0968231	.0039847	-.139803	.1985965	.7243502

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.246169	5.221584	.5756585	.0067782	3.003665	7.521885	.0236610
Stddev	.155569	.024041	.0139311	.0000507	.009624	.018147	.0010451
%RSD	2.146918	.4604101	2.420033	.7480712	.3204152	.2412550	4.416992
#1	7.270999	5.235582	.5764052	.0067985	3.005166	7.506204	.0248626
#2	7.079678	5.193824	.5613690	.0067205	2.993379	7.541762	.0231575
#3	7.387830	5.235345	.5892012	.0068157	3.012451	7.517690	.0229630

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1039-14 Acquired: 1/23/2025 17:24:02 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCPE9 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.198608	.0349867	.1838114
Stddev	.002176	.0008681	.0039855
%RSD	.1815128	2.481302	2.168268
#1	1.198789	.0354371	.1842478
#2	1.200687	.0339859	.1796257
#3	1.196347	.0355371	.1875608

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3633.198	74651.79	10915.22	2551.899	4112.256
Stddev	12.641	1314.73	49.29	41.460	15.483
%RSD	.3479273	1.761152	.4515287	1.624667	.3765086
#1	3622.746	74498.16	10919.36	2537.729	4096.465
#2	3647.248	76036.58	10863.99	2598.586	4127.411
#3	3629.600	73420.61	10962.30	2519.382	4112.892

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1039-15 Acquired: 1/23/2025 17:27:59 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCPF0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0590295	-.001380	.3508576	.0355525	.0224720	73.26705	1.806831
Stddev	.0024817	.000765	.0035236	.0020212	.0008526	.55387	.012599
%RSD	4.204108	55.39040	1.004284	5.685215	3.794215	.7559642	.6973131
#1	.0593178	-.001431	.3521915	.0370847	.0216497	72.73822	1.794085
#2	.0564163	-.000592	.3468618	.0332617	.0233520	73.21996	1.807130
#3	.0613545	-.002118	.3535196	.0363111	.0224141	73.84296	1.819278

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0038148	.0076043	75.83890	.1299415	.0970699	.4367749	156.6636
Stddev	.0001921	.0000872	.46976	.0002752	.0001266	.0007478	1.0436
%RSD	5.036059	1.146357	.6194221	.2117822	.1304494	.1712089	.6661613
#1	.0039880	.0076376	75.38570	.1296256	.0971773	.4370905	155.6963
#2	.0038481	.0075053	75.80736	.1301296	.0969303	.4359210	156.5248
#3	.0036082	.0076698	76.32363	.1300692	.0971021	.4373132	157.7697

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.395536	33.30773	.1026482	.0041091	-.087761	.2262686	.8128294
Stddev	.027697	.20305	.0007414	.0002238	.477624	.0022314	.0032807
%RSD	.6301252	.6096191	.7223150	5.446669	544.2302	.9861925	.4036175
#1	4.372160	33.10453	.1017921	.0040443	-.145872	.2288177	.8131036
#2	4.388322	33.30802	.1030700	.0039249	-.533671	.2253194	.8094201
#3	4.426127	33.51063	.1030825	.0043582	.416259	.2246687	.8159643

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.204093	5.279885	.6606145	.0084958	1.954893	9.170839	.0264199
Stddev	.110461	.016151	.0053662	.0002098	.008970	.036003	.0004994
%RSD	1.780453	.3058897	.8122993	2.469140	.4588427	.3925758	1.890278
#1	6.107381	5.261649	.6561786	.0086004	1.944742	9.211535	.0262796
#2	6.180430	5.285621	.6590857	.0082542	1.961754	9.143136	.0260057
#3	6.324468	5.292384	.6665791	.0086327	1.958181	9.157848	.0269745

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1039-15 Acquired: 1/23/2025 17:27:59 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCPF0 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.265880	.0458771	.1963415
Stddev	.005746	.0009891	.0014116
%RSD	.4539023	2.156017	.7189328
#1	1.272486	.0461000	.1950302
#2	1.263112	.0447956	.1961587
#3	1.262042	.0467358	.1978355

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3556.183	72450.23	10780.81	2490.364	4004.546
Stddev	3.463	144.62	112.80	10.089	6.152
%RSD	.0973788	.1996160	1.046285	.4051148	.1536213
#1	3557.242	72299.08	10656.69	2481.523	4009.621
#2	3558.992	72587.29	10808.66	2501.354	4006.314
#3	3552.314	72464.32	10877.07	2488.214	3997.704

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1039-16 Acquired: 1/23/2025 17:31:56 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCPF1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0650857	-.002666	.3234263	.0343866	.0140441	57.65860	5.260712
Stddev	.0017826	.003121	.0007970	.0012067	.0012975	.19793	.010505
%RSD	2.738845	117.0658	.2464299	3.509297	9.238812	.3432827	.1996820
#1	.0658208	.000430	.3240566	.0330777	.0126435	57.59824	5.264457
#2	.0630531	-.005812	.3225304	.0346273	.0142837	57.87968	5.268831
#3	.0663832	-.002617	.3236920	.0354549	.0152051	57.49787	5.248848

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0048160	.0050915	36.76374	.1198981	.0891178	.1459733	143.9958
Stddev	.0001146	.0000714	.06564	.0008929	.0004806	.0016599	.3207
%RSD	2.379974	1.402465	.1785327	.7446990	.5392411	1.137125	.2227389
#1	.0047445	.0051699	36.80473	.1208045	.0894542	.1478899	143.9261
#2	.0047554	.0050300	36.79846	.1198704	.0885674	.1450295	144.3456
#3	.0049482	.0050747	36.68804	.1190194	.0893318	.1450004	143.7156

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.715913	11.96461	.1090534	.0035846	-.216555	.2188193	.5728034
Stddev	.014845	.01561	.0014919	.0002112	.279014	.0026772	.0042560
%RSD	.2210385	.1304946	1.368065	5.892866	128.8417	1.223492	.7430186
#1	6.729904	11.96655	.1107179	.0033733	-.085535	.2174259	.5739455
#2	6.717496	11.94812	.1078365	.0035846	-.027166	.2171262	.5763719
#3	6.700341	11.97917	.1086057	.0037958	-.536965	.2219059	.5680929

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.657866	6.333817	.6045805	.0064138	4.043885	7.641706	.0105835
Stddev	.067675	.015104	.0025032	.0003893	.019907	.027272	.0006439
%RSD	.8837270	.2384713	.4140361	6.069225	.4922721	.3568777	6.083757
#1	7.734228	6.351106	.6054694	.0068581	4.064138	7.643538	.0099057
#2	7.634052	6.323180	.6065180	.0061324	4.024343	7.613565	.0106578
#3	7.605317	6.327165	.6017542	.0062511	4.043175	7.668015	.0111871

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1039-16 Acquired: 1/23/2025 17:31:56 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCPF1 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.089713	.0335329	.1603717
Stddev	.003234	.0009407	.0004500
%RSD	.2967521	2.805270	.2805879
#1	1.087329	.0344038	.1604237
#2	1.088416	.0336596	.1607934
#3	1.093394	.0325353	.1598980

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3747.166	76446.87	11234.82	2602.690	4108.390
Stddev	5.505	322.78	31.13	21.498	9.698
%RSD	.1469061	.4222233	.2770541	.8259752	.2360617
#1	3741.300	76104.66	11207.35	2580.751	4097.493
#2	3747.978	76490.08	11268.63	2603.603	4116.072
#3	3752.220	76745.86	11228.49	2623.717	4111.607

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1039-17 Acquired: 1/23/2025 17:36:01 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCPF2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0383979	-.001334	.2020516	.0228952	.0108520	44.48095	1.758536
Stddev	.0018494	.002740	.0015770	.0033944	.0010097	.23563	.004217
%RSD	4.816412	205.4707	.7804856	14.82568	9.304225	.5297420	.2397742
#1	.0366639	-.002871	.2013108	.0235677	.0101046	44.40840	1.759164
#2	.0381855	.001830	.2038626	.0259029	.0104507	44.74433	1.762403
#3	.0403443	-.002961	.2009814	.0192149	.0120006	44.29012	1.754040

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0038118	.0034338	29.07208	.0910287	.0624182	.0680749	109.4059
Stddev	.0000242	.0000173	.15031	.0005795	.0001880	.0019667	.5199
%RSD	.6339238	.5036187	.5170256	.6366205	.3011356	2.889012	.4751808
#1	.0038369	.0034516	28.95703	.0906448	.0622037	.0703026	109.0709
#2	.0037888	.0034327	29.24215	.0916953	.0625542	.0673430	110.0048
#3	.0038096	.0034171	29.01707	.0907460	.0624967	.0665791	109.1421

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.168291	13.74965	.0767798	.0020636	.2457097	.1690334	.3370506
Stddev	.009504	.07988	.0004058	.0004539	.2324054	.0030362	.0023639
%RSD	.1838960	.5809859	.5284583	21.99728	94.58537	1.796204	.7013442
#1	5.163265	13.70738	.0772421	.0021430	.4904338	.1706135	.3369442
#2	5.179253	13.84178	.0764828	.0024726	.0279806	.1709537	.3347417
#3	5.162355	13.69977	.0766145	.0015752	.2187148	.1655330	.3394659

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.143239	4.253681	.4533708	.0051781	2.136468	7.152541	.0059626
Stddev	.046397	.026017	.0028961	.0002848	.019309	.033482	.0003967
%RSD	.9020959	.6116420	.6388024	5.499105	.9037924	.4681186	6.653471
#1	5.137715	4.240183	.4514897	.0051491	2.121409	7.175777	.0056935
#2	5.099852	4.283674	.4567059	.0049089	2.158237	7.114162	.0064182
#3	5.192151	4.237187	.4519168	.0054762	2.129757	7.167684	.0057760

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1039-17 Acquired: 1/23/2025 17:36:01 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCPF2 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9817081	.0255462	.0955540
Stddev	.0019701	.0012457	.0003459
%RSD	.2006831	4.876397	.3620384
#1	.9823369	.0262513	.0956954
#2	.9795003	.0262795	.0958068
#3	.9832871	.0241079	.0951597

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3644.866	75741.51	10833.48	2566.338	4132.954
Stddev	21.215	162.42	41.15	11.491	28.148
%RSD	.5820627	.2144445	.3797983	.4477594	.6810636
#1	3664.542	75878.86	10806.86	2563.907	4160.169
#2	3622.389	75562.24	10880.88	2578.850	4103.957
#3	3647.667	75783.45	10812.72	2556.257	4134.737

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1039-18 Acquired: 1/23/2025 17:40:00 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCPF3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0456996	-.001542	.2518841	.0276786	.0126932	52.91478	1.853491
Stddev	.0021649	.001525	.0009084	.0029593	.0001647	.47173	.020305
%RSD	4.737254	98.94081	.3606547	10.69180	1.297851	.8914948	1.095482
#1	.0480462	-.001538	.2508891	.0277105	.0128316	53.01784	1.855648
#2	.0437801	-.000018	.2520940	.0247034	.0125110	53.32646	1.872631
#3	.0452724	-.003069	.2526692	.0306218	.0127369	52.40004	1.832194

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0051298	.0043640	26.26983	.1036047	.1012954	.0806964	134.7347
Stddev	.0000711	.0000557	.19917	.0002788	.0002302	.0011264	.9747
%RSD	1.386755	1.275771	.7581840	.2691325	.2272818	1.395903	.7233916
#1	.0051623	.0044138	26.25139	.1033039	.1010478	.0817649	134.9006
#2	.0050482	.0043742	26.47759	.1038545	.1013353	.0808045	135.6158
#3	.0051788	.0043039	26.08052	.1036557	.1015030	.0795198	133.6878

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.269346	10.07822	.0948930	.0042170	-.051283	.2123048	.3948497
Stddev	.057003	.03974	.0008023	.0004142	.242689	.0012994	.0027945
%RSD	.6893254	.3943568	.8454650	9.822974	473.2369	.6120623	.7077263
#1	8.271830	10.05071	.0939837	.0046879	-.292190	.2108496	.3970930
#2	8.325066	10.12379	.0951939	.0039089	.193149	.2133491	.3957366
#3	8.211142	10.06017	.0955013	.0040542	-.054807	.2127158	.3917194

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.031532	5.319603	.5627772	.0048203	2.302056	7.406244	.0068647
Stddev	.095263	.013275	.0064097	.0003457	.002515	.014722	.0007683
%RSD	1.186112	.2495397	1.138938	7.171830	.1092576	.1987799	11.19231
#1	7.978966	5.315986	.5636719	.0049456	2.299860	7.389905	.0066115
#2	8.141497	5.334311	.5686926	.0044295	2.301507	7.410346	.0077277
#3	7.974133	5.308512	.5559672	.0050860	2.304800	7.418479	.0062549

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1039-18 Acquired: 1/23/2025 17:40:00 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCPF3 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.093933	.0308570	.1239399
Stddev	.000555	.0009681	.0013513
%RSD	.0507196	3.137440	1.090275
#1	1.093342	.0299215	.1238630
#2	1.094442	.0307947	.1253280
#3	1.094016	.0318548	.1226287

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3768.012	75907.18	11089.82	2588.863	4204.149
Stddev	4.777	100.73	84.28	15.156	2.309
%RSD	.1267700	.1327071	.7599477	.5854252	.0549228
#1	3772.564	75793.24	11098.67	2571.483	4206.797
#2	3763.039	75943.86	11169.33	2599.329	4203.100
#3	3768.433	75984.43	11001.47	2595.777	4202.551

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1039-19 Acquired: 1/23/2025 17:43:57 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCPF4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0489401	-.004979	.8407942	.0300747	.0220914	45.61637
Stddev	.0017350	.002520	.0032511	.0044862	.0032571	.25236
%RSD	3.545094	50.61886	.3866650	14.91697	14.74393	.5532293
#1	.0484436	-.007218	.8445480	.0264369	.0192511	45.60052
#2	.0508691	-.005469	.8388802	.0350875	.0213765	45.87629
#3	.0475074	-.002250	.8389545	.0286996	.0256466	45.37232

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.047126	.0023220	.0058432	396.8761	.0972359	.0643988
Stddev	.016262	.0000632	.0000612	.1940	.0004884	.0007070
%RSD	.5336794	2.721122	1.046619	.0488743	.5023357	1.097787
#1	3.044410	.0022909	.0057794	396.7968	.0973104	.0646623
#2	3.064574	.0022803	.0058490	397.0971	.0967145	.0635980
#3	3.032393	.0023947	.0059013	396.7343	.0976829	.0649362

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6943090	163.5201	3.423598	197.3297	.0894969	.0033898
Stddev	.0051951	.4678	.003058	.4843	.0007988	.0001435
%RSD	.7482440	.2860595	.0893091	.2454086	.8925182	4.232851
#1	.7002597	163.4029	3.422968	196.9996	.0901249	.0034332
#2	.6919896	164.0353	3.426922	197.8857	.0897679	.0032296
#3	.6906775	163.1221	3.420904	197.1039	.0885979	.0035066

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1114313	.1909445	.8793495	4.959856	4.091317	.6999104
Stddev	.1635364	.0015390	.0095450	.045342	.014531	.0014623
%RSD	146.7598	.8060041	1.085464	.9141794	.3551564	.2089193
#1	.1596558	.1927212	.8813773	5.005378	4.106756	.6993077
#2	-.070795	.1900888	.8877176	4.914696	4.089287	.7015776
#3	.245433	.1900236	.8689535	4.959493	4.077909	.6988457

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1039-19 Acquired: 1/23/2025 17:43:57 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCPF4 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0058895	F 25.08547	7.476121	.0145047	.9985376	.0385553
Stddev	.0001376	.05543	.018816	.0004571	.0032944	.0008164
%RSD	2.336509	.2209778	.2516753	3.151683	.3299190	2.117478
#1	.0057611	25.14857	7.493036	.0141530	1.002338	.0393727
#2	.0060348	25.06323	7.455855	.0150215	.996787	.0377399
#3	.0058727	25.04462	7.479471	.0143398	.996488	.0385534

Elem	Sr4077
Units	ppm
Avg	.2356189
Stddev	.0011983
%RSD	.5085733
#1	.2351911
#2	.2369723
#3	.2346932

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3334.957	67586.82	10451.38	2292.223	3646.250
Stddev	7.778	133.24	72.58	5.366	11.631
%RSD	.2332211	.1971338	.6944961	.2340742	.3189717
#1	3333.705	67436.54	10390.37	2289.693	3635.312
#2	3327.881	67690.50	10531.65	2288.590	3644.972
#3	3343.285	67633.41	10432.13	2298.385	3658.467

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1039-20 Acquired: 1/23/2025 17:48:02 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCPF5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0427080	-.002091	.3358156	.0290319	.0173961	40.96303	3.410897
Stddev	.0013151	.002105	.0007768	.0009829	.0003887	.41182	.034735
%RSD	3.079347	100.6763	.2313254	3.385559	2.234376	1.005340	1.018366
#1	.0441454	.000271	.3363823	.0286052	.0175130	41.15949	3.429166
#2	.0415651	-.002775	.3361345	.0301560	.0177128	40.48977	3.370840
#3	.0424134	-.003769	.3349301	.0283344	.0169623	41.23983	3.432686

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0031820	.0067560	74.85444	.0938250	.0849824	.2464009	128.3975
Stddev	.0001408	.0000521	.47798	.0003260	.0004000	.0014953	.9007
%RSD	4.426159	.7705726	.6385480	.3474988	.4706463	.6068735	.7015010
#1	.0031628	.0068006	75.06717	.0941884	.0852958	.2481031	128.6327
#2	.0033315	.0067685	74.30703	.0935580	.0845319	.2458004	127.4026
#3	.0030518	.0066987	75.18913	.0937286	.0851195	.2452990	129.1574

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.976321	26.85872	.0933030	.0032163	.4987681	.1746087	.6844029
Stddev	.035965	.08296	.0003055	.0005755	.1053053	.0016393	.0033321
%RSD	.7227327	.3088816	.3273808	17.89181	21.11309	.9388367	.4868695
#1	4.990573	26.82509	.0935913	.0038045	.6201101	.1736666	.6808573
#2	4.935414	26.79786	.0933349	.0026545	.4449019	.1765015	.6848817
#3	5.002977	26.95322	.0929829	.0031898	.4312922	.1736579	.6874698

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.514404	7.057610	.5464621	.0054758	3.330531	6.546244	.0110180
Stddev	.073214	.012615	.0049204	.0000890	.010546	.020082	.0005068
%RSD	1.123881	.1787444	.9004048	1.625345	.3166527	.3067750	4.599832
#1	6.545262	7.071835	.5479476	.0054212	3.339854	6.525558	.0113275
#2	6.430812	7.053214	.5409702	.0055785	3.319085	6.565662	.0104332
#3	6.567138	7.047781	.5504686	.0054276	3.332653	6.547511	.0112935

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1039-20 Acquired: 1/23/2025 17:48:02 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCPF5 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9737035	.0259710	.1637153
Stddev	.0038160	.0020088	.0016474
%RSD	.3919033	7.734659	1.006257
#1	.9693473	.0279092	.1646568
#2	.9753075	.0238984	.1618131
#3	.9764556	.0261053	.1646761

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3582.974	74202.37	10834.20	2514.532	4040.444
Stddev	6.823	166.28	86.86	3.805	8.953
%RSD	.1904398	.2240916	.8016963	.1513137	.2215880
#1	3576.614	74016.07	10885.43	2512.568	4031.026
#2	3582.126	74335.77	10733.91	2512.110	4048.846
#3	3590.181	74255.25	10883.25	2518.918	4041.458

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1039-21 Acquired: 1/23/2025 17:51:58 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCPF6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0459270	-.002211	.2095309	.0255290	.0114218	44.18865	1.465297
Stddev	.0020654	.000276	.0008071	.0017055	.0002231	.29915	.010642
%RSD	4.497029	12.49795	.3852075	6.680714	1.952978	.6769748	.7262867
#1	.0439644	-.002177	.2099547	.0270761	.0112433	44.14473	1.468252
#2	.0480817	-.002503	.2100379	.0237002	.0116719	44.50733	1.474149
#3	.0457348	-.001953	.2086002	.0258108	.0113503	43.91389	1.453489

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0043591	.0044312	30.69466	.1014358	.0799343	.0826874	120.1882
Stddev	.0001411	.0000675	.18699	.0004793	.0000950	.0008271	.8122
%RSD	3.237128	1.522777	.6091966	.4725515	.1187978	1.000320	.6757389
#1	.0043923	.0044646	30.73859	.1014618	.0798946	.0820665	120.1348
#2	.0042044	.0043535	30.85577	.1009440	.0798656	.0836263	121.0257
#3	.0044807	.0044754	30.48961	.1019016	.0800426	.0823693	119.4041

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.570164	14.63195	.0936487	.0018977	6.991749	.1849615	.3748767
Stddev	.030512	.09795	.0002792	.0003324	.202347	.0005327	.0077407
%RSD	.5477815	.6694311	.2981073	17.51459	2.894080	.2880159	2.064876
#1	5.578517	14.59120	.0937830	.0021762	6.764254	.1854520	.3736532
#2	5.595630	14.74370	.0938354	.0019871	7.151637	.1843948	.3831563
#3	5.536346	14.56096	.0933278	.0015298	7.059355	.1850376	.3678206

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.812882	3.547707	.4989992	.0043694	1.775021	7.797506	.0105642
Stddev	.080065	.002593	.0052055	.0003785	.003265	.033756	.0009360
%RSD	1.377375	.0730918	1.043177	8.663327	.1839503	.4329079	8.860128
#1	5.780042	3.547244	.4983671	.0039980	1.777143	7.818885	.0100334
#2	5.904146	3.545377	.5044918	.0047547	1.771261	7.758591	.0100142
#3	5.754458	3.550501	.4941387	.0043556	1.776658	7.815042	.0116449

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1039-21 Acquired: 1/23/2025 17:51:58 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCPF6 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9959066	.0234426	.0733361
Stddev	.0030633	.0005182	.0005491
%RSD	.3075914	2.210434	.7487055
#1	.9992799	.0228446	.0736676
#2	.9932983	.0237592	.0736383
#3	.9951415	.0237240	.0727023

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3659.910	75453.43	10758.69	2581.220	4082.176
Stddev	13.343	154.88	71.31	16.365	9.939
%RSD	.3645795	.2052614	.6627709	.6339863	.2434819
#1	3646.797	75560.87	10752.42	2596.310	4074.303
#2	3659.461	75275.90	10832.92	2563.825	4078.881
#3	3673.472	75523.54	10690.72	2583.525	4093.345

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: CCV004 Acquired: 1/23/2025 17:55:56 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV004 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**4.883931**	**4.753472**	**24.41831**	**4.872807**	**4.949822**	**417.6569**
Stddev	.016790	.020763	.01857	.009294	.019084	2.1824
%RSD	.3437773	.4367937	.0760536	.1907339	.3855407	.5225426
#1	4.876812	4.741375	24.40065	4.863259	4.948617	415.2772
#2	4.871873	4.741594	24.41660	4.873338	4.931369	418.1285
#3	4.903107	4.777446	24.43768	4.881825	4.969479	419.5650

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**10.45351**	**.4871353**	**2.468992**	**410.7581**	**15.78465**	**2.474714**
Stddev	.06704	.0039709	.002977	1.4539	.02922	.003211
%RSD	.6412892	.8151600	.1205787	.3539620	.1851005	.1297431
#1	10.43615	.4917201	2.466134	410.0578	15.75102	2.472148
#2	10.39686	.4847879	2.468768	409.7869	15.80378	2.473681
#3	10.52751	.4848979	2.472075	412.4297	15.79915	2.478315

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**14.84677**	**420.9851**	**15.43635**	**412.7642**	**2.469270**	**1.301308**
Stddev	.02457	3.5341	.15626	3.2610	.002146	.000332
%RSD	.1654859	.8394789	1.012261	.7900364	.0869171	.0255245
#1	14.82197	416.9250	15.25707	408.9988	2.466841	1.300979
#2	14.84723	423.3710	15.50840	414.6308	2.470062	1.301303
#3	14.87110	422.6592	15.54359	414.6631	2.470908	1.301643

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**393.1000**	**2.478570**	**15.86314**	**159.3857**	**4.940580**	F **5.907211**
Stddev	1.3371	.006623	.15521	1.4484	.002981	.017866
%RSD	.3401386	.2672010	.9784597	.9087658	.0603446	.3024368
#1	392.0094	2.484727	15.69774	157.7841	4.940026	5.927183
#2	392.6988	2.471563	16.00562	160.6038	4.943800	5.892750
#3	394.5917	2.479419	15.88604	159.7690	4.937915	5.901699

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: CCV004 Acquired: 1/23/2025 17:55:56 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV004 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.897463	4.951674	4.940361	4.986270	4.955551	5.255848
Stddev	.014697	.014585	.008109	.010783	.003719	.058696
%RSD	.3000976	.2945552	.1641301	.2162558	.0750536	1.116783
#1	4.894656	4.958521	4.944902	4.975891	4.959349	5.188791
#2	4.884371	4.934925	4.945182	4.985503	4.951916	5.297905
#3	4.913361	4.961576	4.930999	4.997416	4.955389	5.280849

Elem	Sr4077
Units	ppm
Avg	5.281588
Stddev	.074381
%RSD	1.408298
#1	5.209226
#2	5.357835
#3	5.277702

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2788.468	59360.64	9357.176	2022.109	3226.588
Stddev	7.202	221.07	60.374	16.481	2.625
%RSD	.2582841	.3724139	.6452108	.8150608	.0813549
#1	2782.110	59615.21	9288.675	2030.255	3223.677
#2	2796.289	59217.02	9402.637	2003.141	3228.775
#3	2787.006	59249.68	9380.217	2032.932	3227.314

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: CCB004 Acquired: 1/23/2025 18:00:14 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB004 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001269	.0010332	-.000323	.0047022	.0005657	-.005384	-.001674
Stddev	.003007	.0014804	.000389	.0021906	.0005240	.007921	.000350
%RSD	236.9659	143.2883	120.4709	46.58716	92.61751	147.1229	20.93188
#1	.002166	.0024134	.000108	.0052293	.0002795	-.000163	-.002044
#2	-.003428	-.000530	-.000428	.0022961	.0011705	-.014497	-.001347
#3	-.002544	.001216	-.000649	.0065812	.0002472	-.001491	-.001630

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000919	.0000049	.0102321	.0007453	-.000121	.0032593	.0083162
Stddev	.0000609	.0000800	.0052220	.0003765	.000148	.0019705	.0104828
%RSD	66.25353	1641.070	51.03536	50.51399	122.0682	60.45802	126.0527
#1	.0001618	.0000923	.0097459	.0011730	.000002	.0016217	.0059492
#2	.0000502	-.000013	.0052702	.0004639	-.000080	.0027101	-.000781
#3	.0000637	-.000065	.0156802	.0005992	-.000286	.0054462	.019780

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004281	.0165060	.0000863	-.000508	-.247068	-.000257	-.000641
Stddev	.0001224	.0008374	.0003122	.000148	.437174	.000412	.001159
%RSD	28.58752	5.073376	361.8960	29.19103	176.9445	160.0573	180.7579
#1	.0004930	.0171920	-.000174	-.000659	-.667516	-.000703	.000133
#2	.0005044	.0167532	-.000000	-.000363	.205103	.000110	-.000083
#3	.0002870	.0155728	.000433	-.000500	-.278792	-.000180	-.001973

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.019111	.0024598	.0036778	-.000158	.0030943	.0057284	-.000356
Stddev	.004701	.0019544	.0002432	.000117	.0014507	.0026907	.000463
%RSD	24.60066	79.45471	6.613416	73.93196	46.88218	46.97089	129.8694
#1	-.015830	.0046885	.0037365	-.000166	.0030862	.0027462	-.000343
#2	-.024497	.0010383	.0038862	-.000037	.0045490	.0079743	.000100
#3	-.017005	.0016526	.0034105	-.000270	.0016477	.0064647	-.000826

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: CCB004 Acquired: 1/23/2025 18:00:14 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB004 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0002858	-.003789	.0000787
Stddev	.0010171	.001029	.0000258
%RSD	355.7985	27.15586	32.74311
#1	.0006781	-.004018	.0000934
#2	.0010483	-.002665	.0000489
#3	-.000869	-.004684	.0000937

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3479.409	71002.92	9836.950	2451.532	4358.568
Stddev	1.299	236.57	28.247	2.697	2.604
%RSD	.0373480	.3331844	.2871567	.1100163	.0597452
#1	3479.564	71253.69	9855.475	2448.533	4358.992
#2	3480.624	70971.34	9850.937	2453.759	4355.777
#3	3478.039	70783.72	9804.438	2452.303	4360.933

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1047-01 Acquired: 1/23/2025 18:04:23 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCQ38 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0670593	-.005637	1.004487	.0250394	.0175381	39.05450
Stddev	.0030441	.000121	.001703	.0015721	.0005437	.28682
%RSD	4.539408	2.138471	.1695227	6.278682	3.099882	.7343993
#1	.0668889	-.005748	1.005932	.0268112	.0179174	39.30777
#2	.0641040	-.005509	1.002610	.0244956	.0169152	38.74306
#3	.0701850	-.005653	1.004920	.0238113	.0177816	39.11267

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.20934	.0050857	.0093166	258.8857	.1360734	.1083016
Stddev	.04849	.0000509	.0000745	1.6807	.0007335	.0003662
%RSD	.3971402	1.001639	.7999988	.6492224	.5390227	.3381516
#1	12.22921	.0050362	.0092308	259.9813	.1365536	.1087227
#2	12.15407	.0050829	.0093659	256.9506	.1352291	.1081248
#3	12.24473	.0051380	.0093530	259.7253	.1364374	.1080574

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0844271	135.6782	11.89008	135.5069	.0830115	.0046192
Stddev	.0015594	.9618	.08576	.7248	.0000988	.0000430
%RSD	1.847039	.7088843	.7212875	.5348696	.1190052	.9311215
#1	.0862053	136.4963	11.94705	135.9994	.0829151	.0046380
#2	.0832926	134.6187	11.79145	134.6747	.0831125	.0045700
#3	.0837834	135.9198	11.93174	135.8466	.0830068	.0046496

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2664669	.2318595	1.398321	2.490256	2.228648	.5745218
Stddev	.4520240	.0019815	.009245	.042886	.007230	.0046368
%RSD	169.6361	.8545914	.6611374	1.722170	.3243974	.8070699
#1	.6722246	.2301521	1.403879	2.538325	2.221408	.5784878
#2	.3479228	.2340322	1.387649	2.455912	2.228670	.5694238
#3	-.220747	.2313943	1.403436	2.476531	2.235867	.5756537

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1047-01 Acquired: 1/23/2025 18:04:23 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCQ38 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0074875	F 26.36783	6.572822	.0074194	.9607415	.0247766
Stddev	.0002770	.11419	.022135	.0005781	.0032243	.0018599
%RSD	3.699328	.4330811	.3367637	7.791817	.3356041	7.506649
#1	.0077893	26.29023	6.563066	.0074430	.9603083	.0266311
#2	.0074285	26.31431	6.557242	.0079853	.9577558	.0247872
#3	.0072448	26.49896	6.598159	.0068298	.9641606	.0229114

Elem	Sr4077
Units	ppm
Avg	.2265875
Stddev	.0021131
%RSD	.9325750
#1	.2282718
#2	.2242164
#3	.2272741

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3401.543	71101.09	10750.86	2410.619	3658.043
Stddev	12.872	130.03	65.93	7.469	10.347
%RSD	.3784105	.1828843	.6132700	.3098353	.2828504
#1	3411.210	71063.85	10821.46	2408.994	3664.441
#2	3406.488	71245.68	10690.89	2418.766	3663.582
#3	3386.932	70993.74	10740.23	2404.096	3646.106

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1047-02 Acquired: 1/23/2025 18:08:27 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCQ39 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0375455	-.005642	.4555826	.0216262	.0110355	20.53354	6.423264
Stddev	.0021333	.000468	.0033161	.0050983	.0011224	.04822	.055463
%RSD	5.682019	8.289324	.7278918	23.57450	10.17082	.2348578	.8634692
#1	.0353365	-.005221	.4593358	.0199298	.0117816	20.54956	6.479145
#2	.0377058	-.005559	.4543629	.0273564	.0097447	20.47934	6.368229
#3	.0395941	-.006146	.4530490	.0175924	.0115803	20.57171	6.422420

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0023362	.0042292	65.48709	.0956431	.0395698	.0628049	73.14253
Stddev	.0000656	.0001013	.07118	.0007202	.0003046	.0008358	.20693
%RSD	2.806646	2.395258	.1086956	.7530453	.7698503	1.330793	.2829145
#1	.0023046	.0043401	65.56927	.0964195	.0393961	.0622267	73.29682
#2	.0022925	.0041415	65.44688	.0949967	.0399216	.0624248	72.90738
#3	.0024116	.0042059	65.44511	.0955130	.0393918	.0637632	73.22340

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.030212	13.05677	.0328399	.0025796	-.106295	.1409359	.4634528
Stddev	.014581	.00956	.0009064	.0001742	.307112	.0023964	.0016784
%RSD	.2417990	.0732315	2.760127	6.752964	288.9247	1.700344	.3621520
#1	6.046147	13.06025	.0337199	.0026550	.220704	.1420498	.4635613
#2	6.017536	13.06411	.0319092	.0023804	-.150959	.1425727	.4650743
#3	6.026954	13.04596	.0328906	.0027034	-.388628	.1381853	.4617227

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.663482	2.274535	.3176567	.0042571	3.599695	3.845223	.0066469
Stddev	.057440	.002993	.0008215	.0002326	.004095	.003783	.0005021
%RSD	2.156581	.1316090	.2586121	5.464855	.1137488	.0983902	7.554608
#1	2.721960	2.277987	.3178980	.0042167	3.603923	3.845397	.0061613
#2	2.607139	2.272963	.3167415	.0045073	3.595748	3.841356	.0071641
#3	2.661345	2.272656	.3183304	.0040473	3.599414	3.848916	.0066151

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1047-02 Acquired: 1/23/2025 18:08:27 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCQ39 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7199501	.0060624	.1762393
Stddev	.0019882	.0004829	.0007006
%RSD	.2761619	7.965244	.3975499
#1	.7177337	.0055649	.1766698
#2	.7215767	.0060929	.1754309
#3	.7205398	.0065292	.1766173

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3440.141	73388.69	10461.53	2462.791	4156.591
Stddev	10.624	287.65	9.93	7.405	13.508
%RSD	.3088321	.3919551	.0948970	.3006729	.3249890
#1	3427.938	73058.46	10455.20	2471.175	4142.621
#2	3447.337	73584.70	10456.42	2457.146	4169.584
#3	3445.147	73522.90	10472.98	2460.051	4157.568

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1047-03 Acquired: 1/23/2025 18:12:35 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCQ40 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0880563	-.002956	.9287434	.0356589	.0189658	31.75135	9.523616
Stddev	.0016411	.001421	.0030001	.0024789	.0009152	.28036	.075134
%RSD	1.863689	48.07479	.3230273	6.951780	4.825638	.8829892	.7889244
#1	.0898769	-.004482	.9308022	.0342490	.0191589	31.43821	9.559390
#2	.0876013	-.002717	.9301269	.0385212	.0179695	31.97905	9.437280
#3	.0866907	-.001670	.9253012	.0342065	.0197691	31.83680	9.574179

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0039724	.0059533	60.13110	.2830023	.0947395	.0487175	166.6293
Stddev	.0000528	.0001325	.46587	.0003471	.0006621	.0029078	1.4904
%RSD	1.328907	2.225477	.7747613	.1226312	.6988756	5.968651	.8944405
#1	.0040083	.0059135	59.60142	.2832007	.0940491	.0459254	164.9739
#2	.0039118	.0058453	60.47730	.2826016	.0948003	.0517286	167.8644
#3	.0039972	.0061011	60.31457	.2832047	.0953691	.0484986	167.0496

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.449833	23.41077	.0508618	.0042684	-.004458	.3487908	.7617362
Stddev	.072886	.20072	.0001921	.0006351	.384661	.0033008	.0056891
%RSD	.7712925	.8573879	.3776113	14.87831	8628.598	.9463620	.7468538
#1	9.370506	23.17900	.0506481	.0036034	-.445050	.3505810	.7557014
#2	9.513844	23.52760	.0509170	.0043333	.264550	.3449816	.7670011
#3	9.465147	23.52572	.0510201	.0048685	.167127	.3508098	.7625061

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.847932	2.118523	.6898403	.0076889	3.744967	5.212003	.0070710
Stddev	.006879	.009155	.0062803	.0000976	.010317	.034126	.0010844
%RSD	.3722408	.4321458	.9104036	1.269482	.2754942	.6547523	15.33602
#1	1.849157	2.108352	.6828271	.0077955	3.736161	5.236939	.0064114
#2	1.840523	2.126105	.6949450	.0076038	3.756319	5.173111	.0083226
#3	1.854116	2.121112	.6917489	.0076675	3.742421	5.225958	.0064791

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1047-03 Acquired: 1/23/2025 18:12:35 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCQ40 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.128128	.0112342	.1449541
Stddev	.003294	.0007168	.0014119
%RSD	.2919804	6.380220	.9740356
#1	1.126023	.0120570	.1435649
#2	1.126437	.0107458	.1463877
#3	1.131924	.0108997	.1449097

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3414.851	71365.18	10329.45	2435.695	4043.954
Stddev	2.756	187.91	99.42	8.862	3.582
%RSD	.0806983	.2633108	.9624890	.3638352	.0885805
#1	3413.828	71579.20	10257.65	2445.809	4048.090
#2	3412.753	71289.14	10442.92	2429.289	4041.867
#3	3417.972	71227.21	10287.76	2431.987	4041.904

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1047-04 Acquired: 1/23/2025 18:16:40 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCQ41 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1223004	-.012610	24.88075	.0383853	.0415575	17.81889
Stddev	.0033681	.003726	.01488	.0024981	.0015233	.05371
%RSD	2.753949	29.54652	.0598074	6.507948	3.665512	.3014293
#1	.1236244	-.010532	24.88209	.0357405	.0423928	17.75917
#2	.1248053	-.010388	24.89491	.0407048	.0424803	17.83427
#3	.1184715	-.016912	24.86524	.0387108	.0397992	17.86323

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 29.20911	.0068212	.1828125	F 890.6847	.1614649	.1971737
Stddev	.22266	.0001540	.0004651	2.6700	.0005928	.0002215
%RSD	.7622870	2.258333	.2544236	.2997648	.3671337	.1123498
#1	28.98100	.0067782	.1825015	889.0072	.1610188	.1973987
#2	29.22044	.0066932	.1833472	889.2834	.1621376	.1969558
#3	29.42588	.0069922	.1825889	893.7636	.1612384	.1971667

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6247843	271.6073	18.67012	412.3052	.2292444	.0144154
Stddev	.0054866	.9462	.06151	1.7653	.0014572	.0004636
%RSD	.8781545	.3483790	.3294597	.4281560	.6356508	3.215652
#1	.6273964	270.5894	18.59913	410.2827	.2275730	.0149491
#2	.6184797	272.4600	18.70372	413.0960	.2302480	.0141837
#3	.6284767	271.7726	18.70752	413.5368	.2299123	.0141134

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1197408	.2352825	15.99594	1.088927	4.301211	1.162151
Stddev	.4630816	.0007847	.10031	.058546	.006513	.002071
%RSD	386.7367	.3335286	.6270825	5.376507	.1514235	.1781798
#1	.5449356	.2361858	15.89334	1.051262	4.303352	1.161082
#2	.1879485	.2347691	16.00070	1.059143	4.306384	1.164537
#3	-.373662	.2348926	16.09378	1.156378	4.293897	1.160832

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1047-04 Acquired: 1/23/2025 18:16:40 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCQ41 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0060934	F 22.18025	4.348480	.0104827	.4977963	.0259438
Stddev	.0004820	.04333	.013209	.0018698	.0023051	.0006648
%RSD	7.910397	.1953511	.3037512	17.83708	.4630582	2.562604
#1	.0065073	22.14620	4.334348	.0119063	.4951610	.0266248
#2	.0055642	22.22902	4.360514	.0111766	.4987895	.0259101
#3	.0062087	22.16552	4.350577	.0083651	.4994382	.0252964

Elem	Sr4077
Units	ppm
Avg	.4443166
Stddev	.0013023
%RSD	.2931008
#1	.4430354
#2	.4456390
#3	.4442754

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3144.818	65721.62	9964.057	2207.685	3260.842
Stddev	9.800	397.00	31.365	15.433	7.122
%RSD	.3116256	.6040610	.3147847	.6990378	.2184020
#1	3140.244	66178.29	10000.28	2224.050	3258.402
#2	3138.141	65458.72	9946.07	2205.609	3255.261
#3	3156.069	65527.84	9945.83	2193.395	3268.863

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1047-05 Acquired: 1/23/2025 18:20:52 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCQ41D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1200638	-.017696	25.28142	.0394245	.0435294	18.60174
Stddev	.0042128	.003254	.02045	.0031743	.0025964	.01901
%RSD	3.508771	18.38829	.0808827	8.051662	5.964786	.1022182
#1	.1153198	-.020701	25.25807	.0359182	.0443692	18.62121
#2	.1215041	-.018146	25.29006	.0421027	.0456021	18.60080
#3	.1233676	-.014240	25.29612	.0402525	.0406171	18.58322

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 30.76246	.0067346	.1854357	F 924.2965	.1633801	.2005542
Stddev	.25376	.0001573	.0004604	3.0494	.0001811	.0005322
%RSD	.8248948	2.335481	.2482836	.3299137	.1108436	.2653799
#1	30.70760	.0067318	.1853170	922.1079	.1634410	.2009666
#2	30.54062	.0065787	.1859439	927.7796	.1631765	.2007427
#3	31.03916	.0068932	.1850464	923.0020	.1635230	.1999534

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6401052	284.1087	19.67128	432.7572	.2328700	.0170268
Stddev	.0037628	.0764	.02677	.4131	.0006257	.0001173
%RSD	.5878459	.0268799	.1360775	.0954520	.2686774	.6886452
#1	.6361506	284.0207	19.67075	432.6644	.2335921	.0170435
#2	.6405237	284.1468	19.69831	433.2088	.2324901	.0171349
#3	.6436413	284.1585	19.64478	432.3984	.2325277	.0169022

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.323116	.2387969	16.76771	1.274464	4.397540	1.223967
Stddev	.136392	.0021616	.11209	.017536	.010116	.002723
%RSD	42.21149	.9051954	.6684950	1.375926	.2300302	.2224552
#1	-.282883	.2365489	16.89305	1.254255	4.392152	1.226959
#2	-.475099	.2408602	16.73301	1.285673	4.409210	1.221635
#3	-.211366	.2389818	16.67708	1.283462	4.391260	1.223307

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1047-05 Acquired: 1/23/2025 18:20:52 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCQ41D Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0070612	F 22.68330	4.495165	.0105657	.5109747	.0269039
Stddev	.0004094	.07870	.012621	.0014419	.0023371	.0020905
%RSD	5.797256	.3469453	.2807732	13.64712	.4573847	7.770146
#1	.0075334	22.65902	4.493030	.0091494	.5113449	.0245719
#2	.0068439	22.77127	4.508717	.0105157	.5084746	.0286098
#3	.0068063	22.61959	4.483747	.0120319	.5131047	.0275300

Elem	Sr4077
Units	ppm
Avg	.4684586
Stddev	.0010311
%RSD	.2200959
#1	.4696440
#2	.4679621
#3	.4677698

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3146.309	65336.26	10161.91	2196.161	3256.822
Stddev	1.876	58.83	14.82	13.362	1.234
%RSD	.0596308	.0900353	.1458303	.6084028	.0378902
#1	3148.248	65334.54	10176.13	2180.862	3257.393
#2	3146.174	65395.92	10163.06	2202.081	3255.406
#3	3144.503	65278.31	10146.55	2205.539	3257.667

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1047-04LX5 Acquired: 1/23/2025 18:25:02 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCQ41L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0229451	-.000261	5.119888	.0105313	.0077197	3.486081	5.880125
Stddev	.0014156	.001975	.005125	.0006501	.0012747	.058428	.158637
%RSD	6.169335	758.2726	.1001091	6.173342	16.51198	1.676039	2.697852
#1	.0213888	-.002441	5.121693	.0109241	.0091769	3.508447	5.971476
#2	.0232907	.001409	5.114104	.0108891	.0068120	3.419774	5.696947
#3	.0241559	.000250	5.123867	.0097809	.0071700	3.530022	5.971952

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0015705	.0371556	185.5007	.0354806	.0398686	.1320139	57.71726
Stddev	.0000409	.0001075	3.5513	.0005076	.0003704	.0018981	1.11385
%RSD	2.602977	.2892654	1.914418	1.430638	.9289875	1.437777	1.929844
#1	.0016177	.0370339	187.1922	.0353642	.0394541	.1318614	58.33194
#2	.0015459	.0372378	181.4199	.0350413	.0401672	.1301967	56.43151
#3	.0015480	.0371949	187.8900	.0360363	.0399844	.1339836	58.38835

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.907145	83.30052	.0464502	.0031635	.1324935	.0540764	3.254964
Stddev	.071966	1.59278	.0006817	.0002871	.3395198	.0008206	.063473
%RSD	1.841902	1.912088	1.467653	9.075131	256.2540	1.517434	1.950027
#1	3.940002	84.03738	.0467025	.0032956	.4882377	.0533133	3.278775
#2	3.824615	81.47273	.0456783	.0028342	.0973035	.0549444	3.183028
#3	3.956818	84.39144	.0469698	.0033608	-.188061	.0539714	3.303087

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1550577	.8234087	.2467353	.0012289	4.202798	.9588443	-.001003
Stddev	.0893046	.0009028	.0056719	.0001161	.009329	.0010694	.000723
%RSD	57.59447	.1096457	2.298797	9.447379	.2219630	.1115283	72.06126
#1	.1020659	.8242865	.2497964	.0010949	4.203338	.9599267	-.001604
#2	.1049428	.8224828	.2401905	.0012924	4.193211	.9577885	-.001205
#3	.2581644	.8234568	.2502191	.0012994	4.211845	.9588176	-.000201

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1047-04LX5 Acquired: 1/23/2025 18:25:02 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCQ41L Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1093161	.0021485	.0894637
Stddev	.0015901	.0002990	.0015162
%RSD	1.454585	13.91830	1.694813
#1	.1076269	.0019901	.0900341
#2	.1107839	.0019620	.0877449
#3	.1095375	.0024934	.0906119

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3342.901	68406.08	9742.638	2356.415	3850.760
Stddev	3.863	1282.12	12.394	43.914	3.912
%RSD	.1155540	1.874283	.1272149	1.863573	.1015987
#1	3343.617	67700.69	9751.572	2332.588	3846.245
#2	3338.730	69886.01	9747.854	2407.092	3853.160
#3	3346.355	67631.53	9728.489	2329.566	3852.874

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1047-06 Acquired: 1/23/2025 18:29:12 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCQ41S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1920755	.0877463	24.58808	.2101462	.2178078	21.49594
Stddev	.0012939	.0013112	.04919	.0040362	.0026736	.05949
%RSD	.6736305	1.494314	.2000370	1.920685	1.227516	.2767371
#1	.1920883	.0866599	24.56349	.2068143	.2147223	21.56461
#2	.1933629	.0892027	24.55603	.2089900	.2192617	21.46028
#3	.1907752	.0873762	24.64471	.2146344	.2194394	21.46293

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 32.56365	.1017327	.2789045	F 885.5526	.5637518	1.193973
Stddev	.26883	.0003659	.0005310	7.0343	.0010170	.002931
%RSD	.8255525	.3596371	.1903878	.7943450	.1803983	.2454510
#1	32.61003	.1020882	.2782920	893.6705	.5646532	1.193733
#2	32.80628	.1017526	.2792337	881.2561	.5639529	1.191169
#3	32.27465	.1013573	.2791880	881.7311	.5626492	1.197016

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.068945	273.5450	19.60103	412.3762	1.215009	.0924712
Stddev	.003226	.8301	.06226	1.4269	.000864	.0007937
%RSD	.3018331	.3034478	.3176131	.3460206	.0711208	.8583216
#1	1.067639	274.4604	19.64965	413.8028	1.214671	.0923831
#2	1.072619	272.8411	19.53086	410.9490	1.214364	.0917253
#3	1.066576	273.3336	19.62258	412.3768	1.215991	.0933053

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.121048	1.160597	16.88438	1.238400	4.220038	1.172010
Stddev	.241144	.006781	.08142	.041816	.005277	.003332
%RSD	199.2131	.5842423	.4822384	3.376583	.1250522	.2843105
#1	-.127884	1.168099	16.91174	1.262338	4.219707	1.175418
#2	-.358701	1.154905	16.94860	1.190116	4.214935	1.168759
#3	.123441	1.158787	16.79280	1.262745	4.225473	1.171852

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1047-06 Acquired: 1/23/2025 18:29:12 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCQ41S Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0060524	F 21.67389	4.360450	.0088614	.4934405	.0256723
Stddev	.0003712	.00908	.002683	.0002907	.0025087	.0005600
%RSD	6.133086	.0418991	.0615229	3.280957	.5084153	2.181235
#1	.0063083	21.67716	4.359623	.0091631	.4948233	.0261940
#2	.0062222	21.66363	4.363449	.0085830	.4949536	.0250806
#3	.0056267	21.68088	4.358279	.0088383	.4905446	.0257423

Elem	Sr4077
Units	ppm
Avg	.4435969
Stddev	.0012669
%RSD	.2855918
#1	.4450200
#2	.4425918
#3	.4431790

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3202.455	65638.45	10018.86	2215.271	3327.022
Stddev	7.214	151.02	33.73	19.288	7.217
%RSD	.2252772	.2300725	.3367030	.8706896	.2169135
#1	3205.406	65549.62	10000.97	2212.936	3330.968
#2	3207.726	65552.92	9997.83	2197.257	3331.406
#3	3194.233	65812.82	10057.77	2235.620	3318.693

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1047-07 Acquired: 1/23/2025 18:33:21 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCQ42 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0726385	-.011033	9.068989	.0200336	.0252787	17.72571
Stddev	.0027303	.000806	.006893	.0036654	.0017972	.12771
%RSD	3.758813	7.305481	.0760024	18.29623	7.109695	.7204536
#1	.0743344	-.011300	9.076849	.0199266	.0234580	17.86653
#2	.0694889	-.010128	9.063978	.0237513	.0253266	17.69317
#3	.0740922	-.011672	9.066139	.0164229	.0270516	17.61742

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 33.73793	.0052419	.1084107	F 1178.858	.1033041	.1141386
Stddev	.30256	.0001160	.0003209	6.755	.0008266	.0006330
%RSD	.8968080	2.213087	.2960351	.5730545	.8001804	.5545728
#1	34.05074	.0051736	.1086479	1182.966	.1026090	.1140417
#2	33.44677	.0051762	.1080455	1182.546	.1030851	.1135597
#3	33.71627	.0053758	.1085386	1171.061	.1042182	.1148145

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2406638	175.0350	14.46086	545.7963	.1376348	.0090606
Stddev	.0011970	1.0443	.08311	2.9889	.0004469	.0004060
%RSD	.4973742	.5966438	.5747335	.5476227	.3246986	4.480929
#1	.2395383	176.2182	14.55627	549.1330	.1373362	.0094572
#2	.2405316	174.6448	14.40417	544.8917	.1374196	.0090787
#3	.2419214	174.2419	14.42214	543.3642	.1381486	.0086458

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.498725	.1494066	13.62865	1.343894	4.025352	.7549155
Stddev	.149079	.0002822	.09192	.024389	.009625	.0059202
%RSD	29.89210	.1888596	.6744507	1.814830	.2391173	.7842244
#1	-.342786	.1490808	13.73465	1.370294	4.016934	.7616667
#2	-.513552	.1495745	13.57099	1.339188	4.023275	.7524701
#3	-.639837	.1495645	13.58031	1.322201	4.035846	.7506098

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1047-07 Acquired: 1/23/2025 18:33:21 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCQ42 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0066503	F 22.01499	4.720660	.0070462	.5620614	.0414532
Stddev	.0006012	.06041	.012708	.0009266	.0022703	.0005515
%RSD	9.040210	.2744029	.2691976	13.15065	.4039167	1.330501
#1	.0072255	22.01707	4.728383	.0061281	.5623485	.0417250
#2	.0066995	21.95356	4.727605	.0070293	.5641744	.0408185
#3	.0060261	22.07433	4.705993	.0079812	.5596612	.0418161

Elem	Sr4077
Units	ppm
Avg	.6222556
Stddev	.0046130
%RSD	.7413341
#1	.6275822
#2	.6195763
#3	.6196083

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3155.795	65150.36	10080.75	2207.376	3157.494
Stddev	5.022	160.35	73.59	4.755	4.054
%RSD	.1591297	.2461256	.7299917	.2154064	.1283905
#1	3150.005	65225.53	10152.22	2203.610	3152.827
#2	3158.404	64966.23	10005.21	2205.800	3160.142
#3	3158.975	65259.32	10084.81	2212.719	3159.513

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1047-08 Acquired: 1/23/2025 18:37:32 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCQ43 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1189805	-.011075	8.172863	.0470162	.0392994	67.60460
Stddev	.0027323	.000792	.044846	.0044160	.0010217	.31424
%RSD	2.296403	7.150975	.5487145	9.392497	2.599862	.4648186
#1	.1216183	-.011989	8.183838	.0510840	.0403418	67.96486
#2	.1191607	-.010652	8.123549	.0476452	.0392568	67.38697
#3	.1161626	-.010585	8.211203	.0423194	.0382997	67.46197

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 29.90944	.0104152	.0852772	283.7153	.2290798	.1678144
Stddev	.44383	.0002015	.0003021	1.4703	.0004131	.0006802
%RSD	1.483902	1.934569	.3542610	.5182306	.1803264	.4053029
#1	30.41564	.0101927	.0852141	285.3521	.2286205	.1680124
#2	29.58707	.0105854	.0850116	282.5063	.2294209	.1670571
#3	29.72559	.0104676	.0856058	283.2876	.2291980	.1683735

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5638623	266.2186	19.60509	26.13063	.3046751	.0063240
Stddev	.0007173	1.1786	.12270	.06347	.0010649	.0003810
%RSD	.1272213	.4427331	.6258684	.2428904	.3495311	6.024527
#1	.5645805	267.5719	19.72958	26.19944	.3038008	.0067548
#2	.5638605	265.6669	19.48426	26.07438	.3043635	.0061859
#3	.5631458	265.4170	19.60144	26.11808	.3058611	.0060313

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0055753	.3453522	20.53337	6.300692	F 15.66187	1.171363
Stddev	.2851904	.0013263	.05181	.036390	.07727	.007199
%RSD	5115.250	.3840459	.2523100	.5775587	.4933794	.6145859
#1	.1686690	.3465200	20.56539	6.340301	15.66166	1.179666
#2	-.323729	.3456263	20.56112	6.293037	15.58470	1.167555
#3	.171786	.3439102	20.47360	6.268738	15.73924	1.166867

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1047-08 Acquired: 1/23/2025 18:37:32 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCQ43 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0066688	F 16.50937	7.657224	.0502926	1.076754	.0322401
Stddev	.0006993	.09469	.020010	.0012558	.003461	.0005150
%RSD	10.48665	.5735806	.2613220	2.497075	.3214356	1.597374
#1	.0058956	16.52754	7.676356	.0511853	1.080602	.0317263
#2	.0068536	16.40691	7.636439	.0488565	1.075765	.0322378
#3	.0072572	16.59366	7.658878	.0508359	1.073895	.0327563

Elem	Sr4077
Units	ppm
Avg	1.104458
Stddev	.004031
%RSD	.3649465
#1	1.104050
#2	1.100647
#3	1.108677

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3695.985	75588.33	10933.71	2586.712	3765.258
Stddev	16.935	298.65	42.61	14.734	20.009
%RSD	.4582132	.3951023	.3897264	.5696028	.5314145
#1	3697.552	75286.57	10928.09	2583.902	3758.944
#2	3712.082	75594.66	10894.19	2573.586	3787.663
#3	3678.320	75883.77	10978.86	2602.649	3749.168

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1047-09 Acquired: 1/23/2025 18:41:44 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCQ44 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1216041	-.006900	7.232390	.0420043	.0303570	53.29319
Stddev	.0018504	.001984	.003981	.0017960	.0008129	.34679
%RSD	1.521635	28.75026	.0550428	4.275742	2.677703	.6507252
#1	.1196865	-.006444	7.232643	.0416048	.0294336	53.56184
#2	.1217467	-.005184	7.228288	.0439664	.0306728	52.90170
#3	.1233790	-.009071	7.236238	.0404417	.0309645	53.41604

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 25.33963	.0078924	.0528337	83.25994	.1951496	.1758049
Stddev	.23219	.0000123	.0002109	.41068	.0006112	.0000135
%RSD	.9163044	.1557528	.3991544	.4932554	.3131901	.0076979
#1	25.60193	.0078976	.0526040	83.49130	.1957647	.1758134
#2	25.25655	.0079013	.0528786	82.78577	.1951417	.1757893
#3	25.16042	.0078784	.0530185	83.50275	.1945424	.1758120

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3726294	198.1618	11.18749	23.49967	.1629559	.0035209
Stddev	.0047304	.9638	.06437	.12441	.0006959	.0003515
%RSD	1.269458	.4863582	.5753953	.5293932	.4270326	9.982743
#1	.3755500	198.9325	11.22345	23.64203	.1624924	.0033538
#2	.3671717	197.0812	11.11317	23.41189	.1626193	.0032841
#3	.3751664	198.4719	11.22584	23.44508	.1637561	.0039248

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6720135	.3579240	19.42873	9.448991	F 19.66137	.8268818
Stddev	.1278169	.0034562	.13952	.084447	.01104	.0048212
%RSD	19.01999	.9656132	.7181048	.8937183	.0561502	.5830626
#1	.7789146	.3612137	19.48068	9.441318	19.65860	.8314495
#2	.5304364	.3582357	19.27069	9.368641	19.65198	.8218418
#3	.7066897	.3543225	19.53483	9.537012	19.67353	.8273541

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1047-09 Acquired: 1/23/2025 18:41:44 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCQ44 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0062000	F 11.61086	5.621706	.0234081	.9977331	.0199244
Stddev	.0001832	.02118	.005197	.0004793	.0020340	.0004226
%RSD	2.954756	.1824177	.0924529	2.047618	.2038627	2.120845
#1	.0062037	11.60276	5.625087	.0235213	.9998589	.0202461
#2	.0060149	11.59493	5.615721	.0238207	.9958054	.0200813
#3	.0063813	11.63490	5.624309	.0228824	.9975351	.0194458

Elem	Sr4077
Units	ppm
Avg	.2039422
Stddev	.0019987
%RSD	.9800278
#1	.2051986
#2	.2016375
#3	.2049907

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3765.321	77197.62	10935.54	2636.184	3991.780
Stddev	7.744	155.57	50.16	9.405	.827
%RSD	.2056673	.2015258	.4586711	.3567827	.0207130
#1	3772.330	77300.12	10980.10	2636.955	3990.987
#2	3757.008	77274.13	10881.22	2645.180	3992.637
#3	3766.626	77018.61	10945.30	2626.417	3991.715

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1047-10 Acquired: 1/23/2025 18:45:45 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCQ45 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2246295	-.006041	8.642727	.0622100	.0430783	88.30723
Stddev	.0020090	.002554	.028821	.0058119	.0013092	.65955
%RSD	.8943760	42.27389	.3334700	9.342435	3.039166	.7468799
#1	.2244239	-.004758	8.626540	.0603331	.0436810	88.72547
#2	.2227311	-.004384	8.625640	.0687284	.0439776	88.64931
#3	.2267334	-.008982	8.676003	.0575684	.0415763	87.54692

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 37.34667	.0102060	.1428468	213.5915	.3636723	.2207250
Stddev	.23197	.0000548	.0007380	1.3619	.0034926	.0006412
%RSD	.6211155	.5366239	.5166398	.6376333	.9603697	.2904772
#1	37.29695	.0102388	.1422315	213.5319	.3658882	.2201448
#2	37.59947	.0102365	.1426438	214.9822	.3654825	.2206168
#3	37.14360	.0101428	.1436650	212.2603	.3596462	.2214134

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8672362	321.1586	10.87356	93.81989	.2145901	.0067781
Stddev	.0043872	2.1746	.06814	.57297	.0009699	.0005628
%RSD	.5058888	.6771227	.6266284	.6107153	.4519588	8.303275
#1	.8623495	322.0750	10.85346	93.77945	.2138508	.0066537
#2	.8708362	322.7251	10.94949	94.41202	.2142313	.0062879
#3	.8685229	318.6757	10.81774	93.26821	.2156882	.0073927

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0915359	.6362714	F 73.56509	8.958593	8.564735	1.348053
Stddev	.2414481	.0012295	.50806	.068914	.029856	.011006
%RSD	263.7742	.1932266	.6906218	.7692520	.3485875	.8164602
#1	.1722717	.6356030	73.27825	8.998929	8.541484	1.351534
#2	.2822706	.6355211	74.15169	8.997829	8.554316	1.356899
#3	-.179935	.6376903	73.26532	8.879020	8.598404	1.335728

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1047-10 Acquired: 1/23/2025 18:45:45 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCQ45 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000487	F 15.16709	8.566097	.0535435	1.287124	.0337974
Stddev	.0003438	.08697	.011331	.0016476	.002804	.0007160
%RSD	706.4864	.5733878	.1322770	3.077060	.2178135	2.118466
#1	.0002198	15.10814	8.558480	.0554169	1.285124	.0338356
#2	-.000347	15.12616	8.560693	.0523198	1.290329	.0344935
#3	.000273	15.26697	8.579118	.0528939	1.285920	.0330630

Elem	Sr4077
Units	ppm
Avg	.3285531
Stddev	.0021028
%RSD	.6400040
#1	.3290702
#2	.3303490
#3	.3262400

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3715.397	75656.90	11268.36	2592.290	3736.140
Stddev	.555	634.10	34.98	20.317	1.353
%RSD	.0149445	.8381289	.3104472	.7837464	.0362064
#1	3715.326	75577.15	11297.65	2590.459	3737.520
#2	3714.880	75066.45	11229.62	2572.951	3736.082
#3	3715.984	76327.11	11277.81	2613.461	3734.816

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1047-11 Acquired: 1/23/2025 18:49:55 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCQ46 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1616186	-.006939	4.151979	.0535438	.0363132	72.97507
Stddev	.0041453	.002062	.024964	.0022885	.0025046	.73792
%RSD	2.564880	29.72226	.6012657	4.274033	6.897209	1.011191
#1	.1568332	-.009279	4.123575	.0561448	.0352378	72.41922
#2	.1641059	-.005388	4.161928	.0518395	.0391760	72.69371
#3	.1639166	-.006148	4.170436	.0526470	.0345260	73.81228

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 30.55068	.0083452	.0516348	128.8399	.2304453	.1480247
Stddev	.28001	.0003220	.0003631	1.0766	.0003085	.0004170
%RSD	.9165363	3.859013	.7032722	.8356360	.1338723	.2816780
#1	30.58992	.0087164	.0512389	128.0507	.2306540	.1475555
#2	30.80899	.0081783	.0517133	128.4026	.2300910	.1483529
#3	30.25312	.0081408	.0519523	130.0664	.2305911	.1481655

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6651660	261.1182	9.209578	22.35241	.1764882	.0063815
Stddev	.0040637	2.3231	.082429	.19448	.0013826	.0004709
%RSD	.6109347	.8896789	.8950328	.8700697	.7833678	7.379512
#1	.6698575	259.4859	9.144953	22.21482	.1750142	.0061107
#2	.6627414	260.0909	9.181374	22.26750	.1766943	.0061085
#3	.6628991	263.7779	9.302406	22.57491	.1777562	.0069253

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.073099	.4757817	26.26647	8.354837	F 12.52657	1.144851
Stddev	.334821	.0027431	.25274	.154011	.08410	.012148
%RSD	458.0413	.5765551	.9622245	1.843370	.6713914	1.061089
#1	.299791	.4786369	26.15610	8.226136	12.42947	1.137346
#2	-.171111	.4731663	26.08769	8.312904	12.57367	1.138341
#3	-.347976	.4755419	26.55563	8.525472	12.57656	1.158867

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1047-11 Acquired: 1/23/2025 18:49:55 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCQ46 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0042930	F 14.47117	8.596269	.0248997	1.238046	.0282838
Stddev	.0006648	.07925	.011983	.0010641	.000369	.0007488
%RSD	15.48485	.5476248	.1393969	4.273343	.0297987	2.647432
#1	.0049711	14.38130	8.607554	.0260691	1.238459	.0274206
#2	.0042655	14.50117	8.597559	.0246418	1.237931	.0286725
#3	.0036424	14.53104	8.583693	.0239884	1.237749	.0287584

Elem	Sr4077
Units	ppm
Avg	.3699876
Stddev	.0042590
%RSD	1.151127
#1	.3663266
#2	.3689743
#3	.3746619

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3721.376	76502.04	11295.79	2619.604	3887.936
Stddev	25.844	95.47	99.43	10.251	22.125
%RSD	.6944733	.1247918	.8802118	.3913130	.5690783
#1	3751.191	76586.86	11210.35	2620.240	3913.374
#2	3705.381	76520.62	11272.09	2629.523	3873.169
#3	3707.555	76398.65	11404.92	2609.050	3877.264

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1047-12 Acquired: 1/23/2025 18:53:57 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCQ47 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1046257	-.003583	4.589002	.0471118	.0261620	62.75033
Stddev	.0039272	.002476	.042643	.0009113	.0007902	.24997
%RSD	3.753594	69.10872	.9292382	1.934377	3.020388	.3983589
#1	.1057518	-.005557	4.590149	.0470900	.0259329	63.03802
#2	.1002584	-.000805	4.545797	.0480337	.0255118	62.58618
#3	.1078668	-.004388	4.631059	.0462115	.0270415	62.62679

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 25.10338	.0085495	.0109371	123.1255	.2505505	.2106413
Stddev	.36147	.0000932	.0002490	.2869	.0001086	.0019551
%RSD	1.439929	1.089505	2.276405	.2330370	.0433428	.9281796
#1	25.11871	.0084984	.0110293	123.4567	.2505245	.2112942
#2	25.45694	.0086571	.0106552	122.9528	.2506698	.2084433
#3	24.73449	.0084932	.0111268	122.9670	.2504573	.2121864

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2879806	225.0120	14.10503	20.57644	.1431775	.0058626
Stddev	.0026529	.9034	.04926	.05490	.0015812	.0003613
%RSD	.9212162	.4015016	.3492377	.2668250	1.104392	6.163495
#1	.2909872	226.0351	14.15946	20.63886	.1426767	.0062705
#2	.2869859	224.3239	14.06352	20.55483	.1419072	.0057349
#3	.2859688	224.6771	14.09210	20.53562	.1449484	.0055825

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3929637	.3740336	3.448832	7.390498	F 39.39639	.9383826
Stddev	.2461173	.0004111	.017163	.035087	.35340	.0025292
%RSD	62.63105	.1099081	.4976486	.4747572	.8970469	.2695254
#1	.3168515	.3739290	3.449607	7.417141	39.49202	.9406566
#2	.6681462	.3744869	3.431294	7.350744	39.00502	.9356587
#3	.1938934	.3736850	3.465593	7.403610	39.69214	.9388325

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1047-12 Acquired: 1/23/2025 18:53:57 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCQ47 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0098481	F 16.46271	7.250152	.0104953	1.136793	.0194599
Stddev	.0001374	.18386	.002143	.0028144	.003597	.0003968
%RSD	1.395236	1.116841	.0295599	26.81554	.3163859	2.039032
#1	.0099934	16.46456	7.252613	.0074037	1.140653	.0199157
#2	.0098305	16.27792	7.248701	.0111740	1.136189	.0192722
#3	.0097203	16.64563	7.249141	.0129083	1.133536	.0191918

Elem	Sr4077
Units	ppm
Avg	.2741371
Stddev	.0008995
%RSD	.3281228
#1	.2751757
#2	.2736184
#3	.2736171

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3766.789	77102.33	11278.36	2625.877	3941.548
Stddev	24.492	289.25	57.44	8.518	32.183
%RSD	.6502080	.3751458	.5092941	.3243797	.8165171
#1	3765.461	76773.50	11227.99	2619.126	3937.761
#2	3791.918	77216.08	11266.18	2635.447	3975.457
#3	3742.988	77317.40	11340.91	2623.058	3911.426

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1047-13 Acquired: 1/23/2025 18:58:00 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCQ48 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1459205	-.007492	7.619702	.0496678	.0346285	81.45600
Stddev	.0050865	.002917	.016547	.0026212	.0010507	.36872
%RSD	3.485788	38.93003	.2171636	5.277403	3.034154	.4526667
#1	.1448665	-.010298	7.607058	.0494365	.0334153	81.03837
#2	.1414436	-.004476	7.613618	.0523969	.0352435	81.73654
#3	.1514514	-.007702	7.638430	.0471699	.0352266	81.59310

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 30.69547	.0113242	.0547487	283.8376	.2465452	.1963657
Stddev	.39219	.0002304	.0001500	1.1129	.0004247	.0002602
%RSD	1.277670	2.034824	.2740346	.3921049	.1722772	.1324833
#1	30.46854	.0115687	.0545835	282.5721	.2463283	.1961559
#2	31.14833	.0111110	.0547860	284.6640	.2462727	.1962843
#3	30.46955	.0112930	.0548765	284.2768	.2470346	.1966568

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5468033	257.8046	15.58615	114.0271	.2484832	.0091383
Stddev	.0018893	1.1940	.06219	.4508	.0001890	.0003671
%RSD	.3455131	.4631557	.3989962	.3953164	.0760677	4.017430
#1	.5489041	256.4972	15.52065	113.5213	.2483189	.0087374
#2	.5462620	258.8374	15.64438	114.3863	.2484410	.0092197
#3	.5452437	258.0791	15.59344	114.1737	.2486898	.0094580

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7090222	.4314232	7.896955	8.896118	F 10.62453	1.116113
Stddev	.3130970	.0023783	.019596	.029277	.04207	.005097
%RSD	44.15899	.5512707	.2481439	.3291039	.3959406	.4566371
#1	.5858908	.4322631	7.874478	8.864842	10.60631	1.110290
#2	.4762092	.4332676	7.910450	8.900642	10.59465	1.119761
#3	1.064966	.4287389	7.905937	8.922870	10.67264	1.118289

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1047-13 Acquired: 1/23/2025 18:58:00 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCQ48 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0103694	F 14.54549	6.516109	.0395168	1.060638	.0444179
Stddev	.0003481	.04086	.015967	.0007798	.001475	.0024868
%RSD	3.357014	.2808816	.2450371	1.973400	.1390379	5.598601
#1	.0107013	14.50870	6.499940	.0403864	1.059738	.0441638
#2	.0103998	14.53831	6.531866	.0392842	1.062340	.0420680
#3	.0100071	14.58946	6.516521	.0388797	1.059837	.0470220

Elem	Sr4077
Units	ppm
Avg	.3125872
Stddev	.0011373
%RSD	.3638232
#1	.3115758
#2	.3138183
#3	.3123676

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3638.629	75098.80	11366.31	2570.470	3631.008
Stddev	7.615	133.93	27.29	1.677	7.041
%RSD	.2092916	.1783346	.2400598	.0652284	.1939216
#1	3646.308	75243.36	11334.83	2570.055	3637.367
#2	3638.501	74978.94	11380.86	2572.316	3632.218
#3	3631.079	75074.10	11383.24	2569.041	3623.441

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1047-14 Acquired: 1/23/2025 19:02:01 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCQ49 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1552632	-.008577	4.078148	.0628188	.0443764	81.44160
Stddev	.0022468	.002419	.010904	.0052929	.0022097	.68536
%RSD	1.447125	28.20479	.2673843	8.425679	4.979360	.8415371
#1	.1572256	-.008002	4.076930	.0685408	.0433145	80.71249
#2	.1528123	-.006497	4.067903	.0618177	.0469165	81.53967
#3	.1557518	-.011231	4.089610	.0580980	.0428981	82.07264

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 27.78230	.0085138	.0335867	366.3299	.2799183	.1710411
Stddev	.11336	.0002058	.0001274	2.1911	.0003975	.0004130
%RSD	.4080130	2.417305	.3792355	.5981252	.1420052	.2414717
#1	27.82158	.0083053	.0336995	364.1704	.2803366	.1706006
#2	27.65453	.0087168	.0336121	366.2679	.2795455	.1711031
#3	27.87079	.0085192	.0334486	368.5513	.2798729	.1714197

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4552452	313.1645	10.26216	182.8525	.2262355	.0052405
Stddev	.0060008	2.3861	.08018	.9940	.0007998	.0007532
%RSD	1.318151	.7619195	.7813422	.5436055	.3535051	14.37207
#1	.4493661	310.5927	10.20501	181.7554	.2262345	.0043709
#2	.4550087	313.5945	10.22765	183.1090	.2254363	.0056639
#3	.4613608	315.3063	10.35382	183.6932	.2270358	.0056867

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0381851	.4613974	10.54929	11.04211	9.511218	1.325748
Stddev	.1174576	.0068053	.10490	.08200	.029126	.010197
%RSD	307.6004	1.474925	.9943894	.7425856	.3062306	.7691358
#1	-.041762	.4535802	10.47721	10.95250	9.487574	1.315318
#2	-.016724	.4646129	10.50103	11.06042	9.502325	1.326230
#3	.173041	.4659991	10.66964	11.11339	9.543753	1.335695

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1047-14 Acquired: 1/23/2025 19:02:01 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCQ49 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0104295	F 11.31011	8.216433	.1731830	1.301839	.0390853
Stddev	.0007493	.04134	.112668	.0004440	.017149	.0007329
%RSD	7.184078	.3654960	1.371250	.2563545	1.317273	1.875023
#1	.0112654	11.27590	8.086385	.1730384	1.282311	.0387943
#2	.0098182	11.29837	8.284578	.1728293	1.308766	.0385426
#3	.0102049	11.35604	8.278335	.1736812	1.314442	.0399190

Elem	Sr4077
Units	ppm
Avg	.3267848
Stddev	.0028299
%RSD	.8659959
#1	.3242900
#2	.3262044
#3	.3298599

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3489.008	72608.83	11080.99	2473.633	3550.858
Stddev	8.879	1.16	116.65	7.463	8.029
%RSD	.2544761	.0015984	1.052732	.3016997	.2261020
#1	3488.473	72607.53	11205.95	2478.665	3549.767
#2	3498.142	72609.22	10974.96	2477.175	3559.377
#3	3480.409	72609.75	11062.06	2465.058	3543.431

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1047-15 Acquired: 1/23/2025 19:06:12 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCQ50 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0990211	-.014610	16.96980	.0340299	.0345584	25.05589
Stddev	.0029713	.004029	.06150	.0039194	.0017881	.13777
%RSD	3.000691	27.57611	.3624125	11.51751	5.174116	.5498494
#1	.1018372	-.018501	17.00839	.0368943	.0363002	25.15721
#2	.0993105	-.010457	16.89888	.0295632	.0346478	24.89901
#3	.0959157	-.014871	17.00213	.0356321	.0327273	25.11144

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 20.43665	.0080707	.2325661	F 1047.308	.1723940	.2569831
Stddev	.35838	.0001330	.0007946	3.661	.0008036	.0011232
%RSD	1.753597	1.647687	.3416749	.3495749	.4661204	.4370859
#1	20.04936	.0080554	.2327876	1043.097	.1730221	.2576458
#2	20.75655	.0082107	.2316842	1049.086	.1726714	.2556863
#3	20.50402	.0079461	.2332264	1049.740	.1714885	.2576174

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.185098	268.4712	21.99278	481.7689	.2683179	.0212322
Stddev	.006377	.7557	.01753	.7429	.0014124	.0003184
%RSD	.5381077	.2814867	.0796923	.1541988	.5263809	1.499701
#1	1.192300	269.2614	22.01279	482.5237	.2680927	.0215927
#2	1.182826	267.7555	21.98538	481.7447	.2670316	.0211146
#3	1.180168	268.3968	21.98016	481.0385	.2698293	.0209893

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.753215	.1729225	16.33029	2.509375	5.487170	1.143538
Stddev	.294819	.0008434	.05326	.016260	.020625	.004501
%RSD	39.14134	.4877261	.3261652	.6479847	.3758707	.3935972
#1	-.442039	.1722478	16.34289	2.501148	5.497954	1.146967
#2	-1.02837	.1738680	16.37612	2.498872	5.463389	1.138442
#3	-.78924	.1726517	16.27185	2.528105	5.500167	1.145206

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1047-15 Acquired: 1/23/2025 19:06:12 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCQ50 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0049582	F 29.91582	5.155748	.0137015	.5207377	.0363977
Stddev	.0004416	.12336	.015336	.0006592	.0032677	.0007571
%RSD	8.907440	.4123541	.2974527	4.811286	.6275055	2.080147
#1	.0045066	29.99628	5.159695	.0142442	.5243291	.0365903
#2	.0053892	29.77380	5.168725	.0129679	.5199443	.0355629
#3	.0049789	29.97739	5.138824	.0138923	.5179399	.0370400

Elem	Sr4077
Units	ppm
Avg	.4697194
Stddev	.0011319
%RSD	.2409803
#1	.4703904
#2	.4684126
#3	.4703554

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3259.891	67192.32	10309.25	2269.556	3257.337
Stddev	4.405	220.37	83.22	13.016	8.060
%RSD	.1351159	.3279704	.8072718	.5734955	.2474361
#1	3255.682	67173.99	10275.93	2261.684	3254.014
#2	3264.468	66981.69	10247.85	2262.406	3266.527
#3	3259.522	67421.29	10403.97	2284.580	3251.469

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1047-16 Acquired: 1/23/2025 19:10:22 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCQ51 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0945054	-.007206	4.007646	.0478256	.0319928	78.70948
Stddev	.0003165	.002482	.001958	.0027884	.0016834	.61481
%RSD	.3348759	34.44352	.0488619	5.830434	5.261846	.7811192
#1	.0944337	-.009931	4.005768	.0446204	.0305816	79.01101
#2	.0942309	-.005073	4.009676	.0496943	.0315408	78.00211
#3	.0948516	-.006615	4.007495	.0491619	.0338561	79.11532

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.86102	.0086428	.0223251	206.1687	.2066400	.1351727
Stddev	.13664	.0002034	.0000807	1.2117	.0009763	.0006248
%RSD	.8104006	2.353394	.3613884	.5877188	.4724676	.4622312
#1	16.83218	.0085070	.0224159	206.7782	.2055152	.1345826
#2	16.74110	.0088767	.0222616	204.7733	.2072680	.1351083
#3	17.00978	.0085447	.0222979	206.9546	.2071368	.1358272

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8480806	220.2723	8.740437	63.67215	.2021321	.0082845
Stddev	.0024909	1.1354	.056494	.26103	.0005535	.0011134
%RSD	.2937083	.5154747	.6463518	.4099634	.2738205	13.43975
#1	.8505848	220.7828	8.771023	63.87692	.2015033	.0089086
#2	.8480536	218.9712	8.675244	63.37822	.2025455	.0069990
#3	.8456033	221.0629	8.775042	63.76131	.2023476	.0089459

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.824027	.3543698	8.792280	10.30096	F 12.76313	1.079589
Stddev	.324331	.0011786	.055620	.10111	.01724	.006127
%RSD	11.48469	.3325993	.6325964	.9815875	.1350698	.5675490
#1	2.643436	.3530101	8.801733	10.38589	12.74924	1.081815
#2	2.630191	.3551009	8.732539	10.18911	12.75772	1.072660
#3	3.198454	.3549984	8.842567	10.32788	12.78242	1.084293

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1047-16 Acquired: 1/23/2025 19:10:22 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCQ51 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0075803	F 16.14574	6.619626	.0430730	1.203834	.0456604
Stddev	.0002471	.01789	.023316	.0006264	.001234	.0003177
%RSD	3.259391	.1107986	.3522189	1.454214	.1024753	.6957102
#1	.0078303	16.15365	6.607417	.0434194	1.203512	.0459763
#2	.0073363	16.12526	6.646511	.0423499	1.202794	.0453411
#3	.0075744	16.15831	6.604952	.0434495	1.205197	.0456639

Elem	Sr4077
Units	ppm
Avg	.3064462
Stddev	.0030876
%RSD	1.007547
#1	.3081476
#2	.3028822
#3	.3083088

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3730.256	76135.04	11250.51	2607.487	3832.714
Stddev	1.709	104.15	104.31	6.587	.668
%RSD	.0458148	.1367991	.9271795	.2526148	.0174181
#1	3728.654	76226.96	11317.82	2613.889	3833.456
#2	3732.055	76021.92	11130.35	2600.729	3832.161
#3	3730.060	76156.25	11303.35	2607.842	3832.526

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1047-17 Acquired: 1/23/2025 19:14:24 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCQ52 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1143957	-.004011	5.564556	.0403695	.0291925	64.72632
Stddev	.0015841	.001423	.017873	.0044427	.0013998	.27475
%RSD	1.384762	35.47332	.3211894	11.00511	4.794879	.4244753
#1	.1150861	-.004030	5.557758	.0401333	.0279822	64.95132
#2	.1155175	-.005423	5.551080	.0449256	.0307254	64.42013
#3	.1125836	-.002578	5.584831	.0360496	.0288700	64.80751

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 31.40538	.0084432	.0459114	180.9016	.5378595	.1573218
Stddev	.41972	.0000641	.0001304	.7906	.0027717	.0009550
%RSD	1.336466	.7595050	.2841230	.4370233	.5153204	.6070330
#1	31.75976	.0083692	.0458958	181.4049	.5398656	.1573008
#2	30.94187	.0084821	.0457895	179.9904	.5346968	.1563775
#3	31.51452	.0084783	.0460489	181.3095	.5390160	.1582871

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3618493	214.2503	10.64318	72.78115	.1978446	.0063240
Stddev	.0020296	1.1987	.05719	.36166	.0002794	.0003339
%RSD	.5608939	.5594885	.5373402	.4969126	.1412219	5.280450
#1	.3624404	215.0892	10.68111	72.99416	.1981664	.0066826
#2	.3635177	212.8774	10.57740	72.36357	.1977034	.0060219
#3	.3595898	214.7844	10.67102	72.98572	.1976640	.0062675

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5176334	.3586327	4.837167	7.535006	8.055909	.9219466
Stddev	.3218107	.0010961	.022933	.094922	.028358	.0045809
%RSD	62.16961	.3056436	.4740990	1.259743	.3520173	.4968722
#1	.8050435	.3594561	4.818959	7.566138	8.055601	.9238138
#2	.5779105	.3573885	4.862922	7.428428	8.027706	.9167270
#3	.1699463	.3590535	4.829619	7.610453	8.084420	.9252990

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1047-17 Acquired: 1/23/2025 19:14:24 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCQ52 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0091947	F 13.40242	7.571779	.0902125	1.156961	.0287764
Stddev	.0005803	.06035	.024789	.0008316	.002498	.0012119
%RSD	6.311644	.4502732	.3273816	.9217917	.2159532	4.211561
#1	.0097343	13.38505	7.596549	.0906505	1.159539	.0281452
#2	.0092688	13.35267	7.546972	.0892535	1.156793	.0301737
#3	.0085808	13.46955	7.571817	.0907335	1.154551	.0280104

Elem	Sr4077
Units	ppm
Avg	.2553864
Stddev	.0014364
%RSD	.5624606
#1	.2564120
#2	.2537447
#3	.2560027

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3724.884	75588.04	11085.88	2592.528	3858.550
Stddev	11.311	402.86	16.42	9.718	13.528
%RSD	.3036493	.5329653	.1481206	.3748449	.3505851
#1	3725.348	75406.83	11073.16	2603.494	3856.367
#2	3735.955	76049.68	11104.42	2584.986	3873.036
#3	3713.348	75307.60	11080.05	2589.103	3846.247

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1047-18 Acquired: 1/23/2025 19:18:27 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCQ53 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1276444	-.004272	5.592470	.0462386	.0352732	71.02617
Stddev	.0015552	.001495	.004534	.0021079	.0009365	.13209
%RSD	1.218363	35.00715	.0810714	4.558763	2.655054	.1859695
#1	.1258566	-.004523	5.591745	.0483620	.0351731	71.17424
#2	.1283925	-.005626	5.588342	.0441466	.0343907	70.92046
#3	.1286842	-.002667	5.597322	.0462071	.0362558	70.98381

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 28.43008	.0083256	.0362015	224.6763	.2611165	.1448726
Stddev	.23089	.0000401	.0001831	.5808	.0007774	.0006861
%RSD	.8121435	.4813237	.5058472	.2585200	.2977086	.4736198
#1	28.69666	.0083717	.0360588	225.2042	.2605009	.1455345
#2	28.30067	.0082994	.0364080	224.0540	.2608585	.1441645
#3	28.29291	.0083058	.0361376	224.7706	.2619900	.1449188

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5325680	250.3975	10.07017	95.31834	.2500496	.0059794
Stddev	.0033884	.7429	.02881	.25468	.0002653	.0001968
%RSD	.6362462	.2966972	.2860438	.2671856	.1061049	3.291851
#1	.5290705	251.1084	10.08728	95.56164	.2498155	.0060654
#2	.5327978	249.6263	10.03691	95.05364	.2503378	.0057542
#3	.5358357	250.4579	10.08631	95.33973	.2499954	.0061185

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.411152	.3675133	8.876658	8.300048	F 12.81826	1.091968
Stddev	.176953	.0009513	.049813	.108810	.01323	.004468
%RSD	12.53959	.2588505	.5611649	1.310961	.1032250	.4092127
#1	1.532607	.3676420	8.929685	8.387893	12.80599	1.096656
#2	1.208126	.3665042	8.830847	8.178330	12.83228	1.087757
#3	1.492724	.3683937	8.869443	8.333922	12.81650	1.091490

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1047-18 Acquired: 1/23/2025 19:18:27 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCQ53 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0079868	F 12.23150	7.755186	.0450953	1.258557	.0359434
Stddev	.0002297	.00355	.009574	.0012969	.004330	.0012705
%RSD	2.876275	.0290010	.1234539	2.875812	.3440372	3.534655
#1	.0077430	12.23414	7.763858	.0456123	1.261044	.0345128
#2	.0081992	12.22747	7.756788	.0460540	1.253557	.0369399
#3	.0080182	12.23289	7.744912	.0436197	1.261069	.0363775

Elem	Sr4077
Units	ppm
Avg	.3312322
Stddev	.0005781
%RSD	.1745255
#1	.3314413
#2	.3305787
#3	.3316766

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3668.834	74260.47	11007.69	2560.207	3788.786
Stddev	1.291	88.33	16.86	6.467	3.424
%RSD	.0351749	.1189421	.1531853	.2525834	.0903638
#1	3667.446	74240.22	11022.57	2553.979	3786.995
#2	3669.058	74357.16	11011.13	2566.889	3786.629
#3	3669.998	74184.02	10989.38	2559.754	3792.733

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1047-19 Acquired: 1/23/2025 19:22:29 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCQ54 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2286778	-.009642	7.950710	.0536957	.0402452	80.75308
Stddev	.0007788	.001582	.030678	.0018089	.0002444	.34539
%RSD	.3405800	16.41194	.3858568	3.368823	.6073403	.4277057
#1	.2294200	-.009011	7.979729	.0516610	.0404470	80.64598
#2	.2287467	-.008472	7.918606	.0543041	.0399734	81.13933
#3	.2278669	-.011442	7.953795	.0551220	.0403152	80.47394

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 30.06138	.0090106	.0527518	215.6383	.3830308	.1679993
Stddev	.05328	.0000865	.0003796	.7475	.0018795	.0003174
%RSD	.1772495	.9595603	.7196072	.3466566	.4906795	.1889414
#1	30.03256	.0090497	.0531587	215.0491	.3826510	.1682210
#2	30.02872	.0089115	.0524072	216.4792	.3850711	.1676356
#3	30.12287	.0090706	.0526894	215.3867	.3813702	.1681411

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.544379	267.2011	11.18032	85.39885	.2666136	.0218380
Stddev	.000659	.7995	.04534	.30966	.0014085	.0002433
%RSD	.0426815	.2992134	.4055360	.3626004	.5283073	1.114200
#1	1.544070	266.7352	11.14477	85.20790	.2678378	.0220311
#2	1.545136	268.1243	11.23138	85.75613	.2650741	.0219182
#3	1.543931	266.7439	11.16482	85.23252	.2669287	.0215647

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.466263	.3804671	12.50660	9.780951	F 16.02723	1.152784
Stddev	.332294	.0020108	.04626	.082968	.06851	.004011
%RSD	13.47359	.5285028	.3698652	.8482584	.4274759	.3479686
#1	2.324096	.3784608	12.45357	9.756431	16.06272	1.150034
#2	2.228703	.3804582	12.52756	9.873415	15.94825	1.157387
#3	2.845990	.3824823	12.53867	9.713007	16.07071	1.150931

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1047-19 Acquired: 1/23/2025 19:22:29 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCQ54 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0088837	F 14.49193	7.578181	.0791498	1.400692	.0459473
Stddev	.0002052	.07554	.017022	.0006800	.004644	.0010675
%RSD	2.310207	.5212817	.2246205	.8591243	.3315685	2.323236
#1	.0087638	14.53261	7.571647	.0797414	1.396235	.0457697
#2	.0091207	14.40477	7.565394	.0793012	1.400338	.0470924
#3	.0087666	14.53842	7.597502	.0784069	1.405504	.0449797

Elem	Sr4077
Units	ppm
Avg	.3358327
Stddev	.0013954
%RSD	.4155196
#1	.3349546
#2	.3374418
#3	.3351018

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3671.793	75453.83	11232.85	2594.675	3759.863
Stddev	13.853	264.84	54.94	11.360	10.929
%RSD	.3772711	.3510010	.4891272	.4378182	.2906756
#1	3655.816	75759.62	11263.53	2607.145	3747.484
#2	3679.120	75297.10	11265.60	2591.965	3763.932
#3	3680.444	75304.78	11169.42	2584.915	3768.175

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: CCV005 Acquired: 1/23/2025 19:26:30 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV005 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.823425	4.758111	24.30703	4.782081	4.844764	394.8081
Stddev	.004816	.033124	.05378	.007555	.005809	4.1794
%RSD	.0998500	.6961540	.2212635	.1579891	.1198938	1.058580
#1	4.822714	4.723584	24.29090	4.787658	4.851330	391.9777
#2	4.819003	4.761121	24.36703	4.773483	4.840296	399.6084
#3	4.828557	4.789626	24.26316	4.785103	4.842666	392.8383

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.895041	.4931824	2.470404	395.2478	15.65323	2.451958
Stddev	.059615	.0015482	.006444	4.0521	.03204	.003830
%RSD	.6024726	.3139195	.2608566	1.025203	.2046875	.1561941
#1	9.869977	.4923611	2.465928	392.3415	15.63334	2.449846
#2	9.963096	.4922178	2.477790	399.8765	15.69019	2.456379
#3	9.852050	.4949682	2.467495	393.5253	15.63615	2.449650

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.35113	405.7383	14.76113	399.5037	2.453759	1.276536
Stddev	.05602	1.8707	.11257	1.6649	.006598	.002020
%RSD	.3903320	.4610663	.7626358	.4167392	.2689099	.1582731
#1	14.35271	406.3798	14.78664	400.2778	2.449987	1.277577
#2	14.40634	407.2039	14.85876	400.6407	2.461378	1.277823
#3	14.29434	403.6312	14.63800	397.5927	2.449913	1.274207

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	376.9513	2.439630	15.08617	152.4342	5.034327	F 5.874852
Stddev	2.0706	.002177	.10117	.8869	.015628	.006263
%RSD	.5493075	.0892543	.6706016	.5818563	.3104354	.1066119
#1	377.7157	2.442141	15.10491	152.6390	5.025028	5.869391
#2	378.5310	2.438265	15.17665	153.2008	5.052370	5.873475
#3	374.6071	2.438483	14.97694	151.4628	5.025583	5.881689

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: CCV005 Acquired: 1/23/2025 19:26:30 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV005 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.793350	4.956937	4.837029	4.991922	4.842868	4.904857
Stddev	.004488	.013917	.016506	.013773	.016715	.042418
%RSD	.0936384	.2807548	.3412443	.2759138	.3451458	.8648093
#1	4.793525	4.952803	4.833325	4.981833	4.836722	4.915013
#2	4.797749	4.972453	4.855072	5.007613	4.861785	4.941274
#3	4.788777	4.945556	4.822690	4.986318	4.830096	4.858283

Elem	Sr4077
Units	ppm
Avg	4.988823
Stddev	.020669
%RSD	.4143073
#1	4.995543
#2	4.965630
#3	5.005295

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2834.486	59974.56	9221.715	2067.267	3248.660
Stddev	5.752	303.43	24.786	8.833	7.734
%RSD	.2029385	.5059382	.2687789	.4272754	.2380687
#1	2829.075	60053.37	9249.501	2064.796	3245.394
#2	2833.857	59639.50	9201.879	2059.934	3243.096
#3	2840.527	60230.82	9213.766	2077.073	3257.492

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: CCB005 Acquired: 1/23/2025 19:30:47 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB005 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001620	-.000016	.0005777	.0017236	-.000316	-.002518	-.001205
Stddev	.002298	.000919	.0012665	.0022284	.000306	.007360	.000447
%RSD	141.9053	5872.838	219.2389	129.2927	96.89916	292.3453	37.10454
#1	.000847	-.001048	-.000131	.0007552	-.000012	-.000728	-.001350
#2	-.002005	.000289	.002040	.0001431	-.000624	.003783	-.001561
#3	-.003701	.000713	-.000176	.0042724	-.000311	-.010608	-.000703

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000264	.0000546	.0149492	.0004664	.0001357	.0017360	.0071721
Stddev	.0000527	.0001037	.0070702	.0002939	.0001358	.0017300	.0029127
%RSD	199.8089	189.8917	47.29475	63.01186	100.0758	99.65798	40.61134
#1	-.000034	-.000060	.0102664	.0004364	.0002480	.0037024	.0042890
#2	.000050	.000143	.0230821	.0001887	-.000015	.0004483	.0101135
#3	.000063	.000080	.0114991	.0007742	.000174	.0010572	.0071137

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004953	.0202357	.0005460	-.000582	.2146424	.0008180	-.001485
Stddev	.0002231	.0044181	.0003148	.000260	.0752507	.0017386	.000962
%RSD	45.04826	21.83315	57.66026	44.68124	35.05864	212.5439	64.76622
#1	.0007328	.0242803	.0003606	-.000863	.2993347	.0025053	-.002537
#2	.0004632	.0209060	.0003679	-.000350	.1554713	.0009164	-.000651
#3	.0002900	.0155207	.0009095	-.000534	.1891212	-.000968	-.001266

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.184422	.0020101	.0033452	.0000932	-.000714	.0062131	-.000235
Stddev	.065032	.0010300	.0005017	.0003100	.003652	.0017341	.000701
%RSD	35.26283	51.23976	14.99845	332.7427	511.4432	27.90997	297.5830
#1	-.251850	.0008575	.0039223	-.000121	-.001062	.0071699	-.000687
#2	-.122084	.0023327	.0031010	-.000048	.003099	.0042114	.000572
#3	-.179332	.0028402	.0030123	.000449	-.004179	.0072581	-.000591

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: CCB005 Acquired: 1/23/2025 19:30:47 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB005 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000132	-.003538	.0000673
Stddev	.000771	.001540	.0000559
%RSD	585.1174	43.50822	82.96946
#1	-.000264	-.005250	.0000180
#2	-.000828	-.003100	.0000561
#3	.000697	-.002266	.0001280

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3587.672	71714.80	9742.370	2488.365	4487.205
Stddev	8.537	252.45	142.280	8.009	9.219
%RSD	.2379605	.3520173	1.460428	.3218507	.2054527
#1	3591.230	71430.03	9906.312	2481.227	4490.501
#2	3577.932	71803.22	9669.664	2497.026	4476.791
#3	3593.856	71911.14	9651.133	2486.844	4494.323

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1047-20 Acquired: 1/23/2025 19:34:58 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCQ55 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1478685	-.008253	4.811591	.0599404	.0370275	108.4140
Stddev	.0022569	.002260	.007612	.0006976	.0008110	.5211
%RSD	1.526280	27.38454	.1582091	1.163879	2.190216	.4807002
#1	.1480385	-.005690	4.813150	.0596772	.0363487	108.1384
#2	.1455314	-.009109	4.803320	.0594127	.0368082	108.0884
#3	.1500355	-.009960	4.818303	.0607314	.0379256	109.0150

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 26.22386	.0109984	.0333717	275.6140	.2723381	.2122925
Stddev	.16915	.0002330	.0001511	.9999	.0006482	.0002988
%RSD	.6450193	2.118225	.4528181	.3627857	.2380156	.1407328
#1	26.21452	.0110318	.0332700	274.8498	.2722944	.2126194
#2	26.05958	.0112128	.0332998	275.2467	.2717129	.2122245
#3	26.39749	.0107505	.0335454	276.7456	.2730071	.2120336

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.824806	293.7620	13.69544	124.1698	.2768645	.0084739
Stddev	.015809	1.1619	.05394	.3929	.0002261	.0002123
%RSD	.4133371	.3955267	.3938810	.3164408	.0816739	2.505089
#1	3.842350	293.1815	13.66204	123.9405	.2767907	.0086030
#2	3.820406	293.0047	13.66659	123.9455	.2766844	.0082289
#3	3.811663	295.0997	13.75767	124.6235	.2771183	.0085898

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3204889	.4762937	5.689300	17.34663	F 15.60975	1.260887
Stddev	.1253857	.0035769	.018712	.08284	.04156	.006483
%RSD	39.12326	.7509862	.3288949	.4775840	.2662539	.5141428
#1	.4638175	.4776314	5.701185	17.26368	15.62610	1.257945
#2	.2310978	.4722407	5.698984	17.34682	15.56250	1.256397
#3	.2665513	.4790090	5.667731	17.42937	15.64065	1.268319

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1047-20 Acquired: 1/23/2025 19:34:58 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCQ55 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0116577	F 12.51129	6.784404	.0785444	1.396220	.0579059
Stddev	.0000853	.04682	.012962	.0002915	.004061	.0010434
%RSD	.7313371	.3741905	.1910584	.3711813	.2908394	1.801804
#1	.0116831	12.53010	6.798722	.0787500	1.396749	.0574139
#2	.0117274	12.45800	6.773469	.0786725	1.399990	.0571995
#3	.0115627	12.54578	6.781022	.0782107	1.391920	.0591043

Elem	Sr4077
Units	ppm
Avg	.3317529
Stddev	.0011968
%RSD	.3607407
#1	.3312391
#2	.3308989
#3	.3331208

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3739.549	76003.80	11457.05	2625.523	3645.889
Stddev	6.836	62.57	49.80	14.230	3.355
%RSD	.1827895	.0823274	.4346834	.5420041	.0920291
#1	3736.591	76010.17	11420.46	2618.052	3643.272
#2	3734.691	76062.94	11436.94	2616.584	3644.725
#3	3747.365	75938.29	11513.77	2641.933	3649.672

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1047-21 Acquired: 1/23/2025 19:38:59 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCQ56 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.882334	2.164656	1.791995	.9683535	1.034040	46.78458
Stddev	.006165	.016690	.002567	.0013333	.003509	.11470
%RSD	.3275121	.7710330	.1432393	.1376886	.3393722	.2451657
#1	1.876518	2.156508	1.790462	.9671504	1.032312	46.81034
#2	1.888797	2.153605	1.790564	.9681230	1.031731	46.65918
#3	1.881688	2.183855	1.794958	.9697870	1.038078	46.88420

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.855827	F 1.741030	1.280077	59.11087	2.945949	2.048386
Stddev	.007215	.002682	.001974	.02787	.000758	.002910
%RSD	.1871274	.1540198	.1541929	.0471552	.0257309	.1420690
#1	3.863984	1.741915	1.278006	59.09450	2.946035	2.045068
#2	3.850280	1.743158	1.280288	59.09506	2.945151	2.049586
#3	3.853218	1.738018	1.281937	59.14306	2.946660	2.050504

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.411558	70.94454	4.492411	16.74293	1.334100	.5277001
Stddev	.004704	.11130	.007472	.03629	.001820	.0006130
%RSD	.3332571	.1568849	.1663268	.2167761	.1364583	.1161738
#1	1.413471	70.88442	4.500574	16.75658	1.332956	.5283350
#2	1.415005	70.87623	4.490748	16.77042	1.333144	.5271115
#3	1.406199	71.07297	4.485910	16.70179	1.336199	.5276539

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.588498	1.375173	4.092131	11.23719	2.493615	2.671275
Stddev	.225357	.004983	.021036	.03243	.007697	.004850
%RSD	4.911347	.3623381	.5140516	.2886089	.3086619	.1815536
#1	4.742545	1.379367	4.099570	11.27133	2.485673	2.673602
#2	4.329849	1.369664	4.108437	11.20679	2.494132	2.674522
#3	4.693101	1.376486	4.068387	11.23344	2.501040	2.665700

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1047-21 Acquired: 1/23/2025 19:38:59 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCQ56 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5700762	.6124769	7.218271	1.256418	2.924161	1.216630
Stddev	.0011294	.0037066	.012912	.001185	.005196	.002992
%RSD	.1981062	.6051822	.1788862	.0942767	.1776854	.2459658
#1	.5687724	.6084794	7.232958	1.255529	2.924215	1.218310
#2	.5707041	.6158000	7.213155	1.255963	2.929330	1.213175
#3	.5707520	.6131515	7.208700	1.257763	2.918939	1.218404

Elem	Sr4077
Units	ppm
Avg	2.201078
Stddev	.026384
%RSD	1.198701
#1	2.224848
#2	2.205698
#3	2.172689

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3715.782	74273.73	10520.70	2577.578	4120.358
Stddev	7.770	159.70	44.27	12.736	8.289
%RSD	.2091002	.2150201	.4207537	.4940941	.2011617
#1	3721.615	74236.90	10506.94	2578.196	4124.919
#2	3718.769	74135.66	10484.95	2564.544	4125.364
#3	3706.962	74448.63	10570.21	2589.993	4110.791

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1045-01 Acquired: 1/23/2025 19:42:55 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCPZ8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0639951	-.007482	1.034605	.0109339	.0176094	36.57946
Stddev	.0026314	.003100	.000255	.0023997	.0020543	.03395
%RSD	4.111933	41.43659	.0246400	21.94691	11.66596	.0928113
#1	.0670334	-.010438	1.034570	.0097148	.0152820	36.60099
#2	.0624468	-.007754	1.034370	.0136984	.0183762	36.59707
#3	.0625050	-.004255	1.034876	.0093885	.0191699	36.54032

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 24.96702	.0050139	.0192478	F 858.9533	.1195745	.1176544
Stddev	.12154	.0000807	.0001486	7.9603	.0005192	.0002545
%RSD	.4868039	1.610086	.7718076	.9267398	.4341768	.2162792
#1	24.82783	.0050266	.0193768	860.7801	.1197413	.1175119
#2	25.05211	.0049275	.0190854	865.8413	.1189924	.1179482
#3	25.02113	.0050874	.0192812	850.2384	.1199898	.1175032

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1324293	114.1341	9.699062	480.4431	.1200797	.0006896
Stddev	.0022294	.2102	.011962	.8133	.0006436	.0003344
%RSD	1.683467	.1841795	.1233275	.1692753	.5359394	48.48857
#1	.1339141	113.9667	9.686905	480.6120	.1208217	.0004004
#2	.1298657	114.0655	9.710819	479.5587	.1196747	.0006126
#3	.1335081	114.3700	9.699463	481.1587	.1197426	.0010557

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.651946	.1918840	7.935841	3.205329	3.093487	.4936809
Stddev	.184443	.0002456	.037463	.023254	.005565	.0023983
%RSD	28.29114	.1280189	.4720706	.7254925	.1799018	.4858052
#1	-.739518	.1921240	7.896116	3.201837	3.087384	.4933425
#2	-.440030	.1916330	7.940876	3.184018	3.094797	.4914697
#3	-.776289	.1918950	7.970532	3.230132	3.098280	.4962304

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1045-01 Acquired: 1/23/2025 19:42:55 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCPZ8 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0042765	F 22.12158	6.208033	.0070153	.9769315	.0406732
Stddev	.0001109	.00433	.015591	.0005672	.0025891	.0014572
%RSD	2.592271	.0195534	.2511446	8.085222	.2650205	3.582696
#1	.0041587	22.11686	6.190104	.0072771	.9760567	.0413708
#2	.0043788	22.12535	6.215584	.0074044	.9798446	.0389984
#3	.0042920	22.12254	6.218411	.0063645	.9748931	.0416506

Elem	Sr4077
Units	ppm
Avg	.6671935
Stddev	.0005984
%RSD	.0896884
#1	.6669752
#2	.6678704
#3	.6667349

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3213.837	64687.81	9653.493	2211.547	3370.647
Stddev	3.497	79.04	8.496	6.953	3.481
%RSD	.1088177	.1221864	.0880133	.3144168	.1032760
#1	3214.802	64600.33	9647.750	2217.748	3368.539
#2	3216.751	64754.09	9649.475	2212.864	3374.665
#3	3209.959	64709.01	9663.253	2204.029	3368.737

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1045-02 Acquired: 1/23/2025 19:47:08 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCPZ9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0973446	-.008925	32.77015	.0052953	.0332428	6.817825
Stddev	.0014859	.000708	.01543	.0032141	.0027829	.060776
%RSD	1.526436	7.937319	.0470888	60.69769	8.371320	.8914339
#1	.0979761	-.009185	32.75621	.0017589	.0344965	6.770118
#2	.0956472	-.008123	32.76750	.0060883	.0300536	6.886252
#3	.0984104	-.009466	32.78673	.0080387	.0351782	6.797106

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.840416	.0006119	.1051813	F 2077.912	.0599414	.0481439
Stddev	.107250	.0000715	.0003177	27.099	.0011287	.0001811
%RSD	1.089895	11.68527	.3020524	1.304155	1.883056	.3760959
#1	9.808672	.0006095	.1051661	2062.301	.0599066	.0482666
#2	9.959954	.0006845	.1048715	2109.203	.0610871	.0482292
#3	9.752620	.0005416	.1055064	2062.231	.0588304	.0479360

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2234018	153.7568	3.303945	F 1191.708	.1309726	.0019598
Stddev	.0010468	1.5941	.028173	12.584	.0004794	.0002952
%RSD	.4685915	1.036765	.8526961	1.055950	.3660416	15.06275
#1	.2245466	152.4431	3.285729	1182.060	.1310765	.0018467
#2	.2231654	155.5303	3.336394	1205.942	.1313915	.0017378
#3	.2224934	153.2971	3.289712	1187.123	.1304497	.0022948

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.124487	.1332575	F 32.98710	.2110216	1.608553	.6908653
Stddev	.071725	.0002620	.15582	.0325349	.007782	.0071055
%RSD	57.61677	.1966009	.4723595	15.41779	.4838061	1.028489
#1	-.147473	.1334416	32.87528	.1744306	1.599607	.6866451
#2	-.044086	.1333733	33.16508	.2219457	1.612287	.6990689
#3	-.181902	.1329576	32.92095	.2366887	1.613763	.6868819

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1045-02 Acquired: 1/23/2025 19:47:08 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCPZ9 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0062943	F 120.7972	2.458332	.0110841	.1545985	.0568671
Stddev	.0003992	.3654	.002821	.0007425	.0004336	.0005406
%RSD	6.342675	.3024910	.1147594	6.698775	.2804706	.9506540
#1	.0066276	120.6598	2.457089	.0117099	.1550781	.0574581
#2	.0058518	120.5205	2.456346	.0112789	.1542343	.0567457
#3	.0064033	121.2114	2.461562	.0102637	.1544831	.0563975

Elem	Sr4077
Units	ppm
Avg	.9188231
Stddev	.0072652
%RSD	.7907119
#1	.9137438
#2	.9271450
#3	.9155805

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2710.293	56375.08	8857.921	1907.160	2910.955
Stddev	2.237	583.44	14.852	12.271	.517
%RSD	.0825197	1.034917	.1676678	.6434106	.0177457
#1	2708.300	56668.06	8846.751	1914.036	2911.068
#2	2709.867	55703.22	8852.237	1892.993	2911.406
#3	2712.712	56753.97	8874.775	1914.452	2910.392

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1045-03 Acquired: 1/23/2025 19:51:22 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCQ00 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1351307	-.002886	15.83071	.0485342	.0295698	62.76710
Stddev	.0018551	.000863	.02887	.0031654	.0006195	.15275
%RSD	1.372814	29.89803	.1823400	6.521932	2.095033	.2433614
#1	.1340795	-.003847	15.83228	.0450998	.0295743	62.81817
#2	.1340398	-.002634	15.80109	.0491680	.0301871	62.88777
#3	.1372726	-.002178	15.85876	.0513347	.0289481	62.59536

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 20.18541	.0092802	.0320559	68.09745	.2056821	.2204753
Stddev	.06167	.0000729	.0001290	.14240	.0003356	.0008630
%RSD	.3054999	.7857911	.4024267	.2091059	.1631540	.3914065
#1	20.24741	.0091986	.0320375	68.17886	.2053075	.2202757
#2	20.18474	.0093031	.0319371	68.18045	.2057836	.2197296
#3	20.12408	.0093389	.0321932	67.93302	.2059552	.2214206

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3198895	257.8030	14.45972	29.40439	.2271186	.0025284
Stddev	.0026750	.8402	.03474	.09399	.0008039	.0005826
%RSD	.8362241	.3259005	.2402562	.3196310	.3539375	23.04135
#1	.3170455	258.3965	14.47337	29.49329	.2276895	.0020297
#2	.3223552	258.1709	14.48556	29.41384	.2261993	.0031687
#3	.3202677	256.8416	14.42022	29.30603	.2274669	.0023868

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3060675	.3703162	6.544927	6.767930	3.651126	1.059956
Stddev	.1793924	.0023705	.027284	.027704	.010840	.004885
%RSD	58.61205	.6401385	.4168717	.4093473	.2968838	.4608859
#1	.0999986	.3681019	6.558936	6.744310	3.645368	1.064468
#2	.4273596	.3728169	6.562361	6.761054	3.644381	1.060631
#3	.3908444	.3700297	6.513484	6.798424	3.663630	1.054768

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1045-03 Acquired: 1/23/2025 19:51:22 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCQ00 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0061536	7.230694	6.417317	.0177354	1.496738	.0298056
Stddev	.0002270	.012604	.011651	.0013462	.003185	.0009275
%RSD	3.689235	.1743174	.1815519	7.590586	.2128240	3.111776
#1	.0064024	7.222525	6.404817	.0186834	1.495168	.0300024
#2	.0061008	7.224346	6.427874	.0161945	1.500403	.0306188
#3	.0059576	7.245210	6.419259	.0183285	1.494642	.0287955

Elem	Sr4077
Units	ppm
Avg	.1828836
Stddev	.0005270
%RSD	.2881799
#1	.1826034
#2	.1834915
#3	.1825558

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3789.638	78449.66	10820.62	2700.108	3939.261
Stddev	8.137	351.52	32.20	16.396	4.869
%RSD	.2147152	.4480813	.2975635	.6072439	.1236033
#1	3780.334	78130.30	10786.38	2684.329	3935.683
#2	3795.423	78392.38	10825.21	2698.935	3944.806
#3	3793.157	78826.30	10850.28	2717.059	3937.294

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1045-04 Acquired: 1/23/2025 19:55:24 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCQ01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0925100	-.000177	1.863151	.0372967	.0219468	57.37627
Stddev	.0018828	.002781	.003291	.0043434	.0026858	.23954
%RSD	2.035215	1566.927	.1766361	11.64564	12.23781	.4174845
#1	.0940155	.002844	1.860459	.0345137	.0197998	57.09974
#2	.0931157	-.000746	1.866820	.0423016	.0249585	57.50933
#3	.0903990	-.002630	1.862174	.0350749	.0210822	57.51973

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 26.97537	.0060221	.0079914	50.29322	.1567318	.1437287
Stddev	.04885	.0000765	.0000137	.25747	.0001543	.0005323
%RSD	.1810751	1.270546	.1712283	.5119296	.0984160	.3703769
#1	26.93006	.0060627	.0079974	49.99610	.1566535	.1431190
#2	26.96895	.0059338	.0079758	50.43286	.1569095	.1441014
#3	27.02711	.0060697	.0080011	50.45070	.1566325	.1439656

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1843971	183.3271	8.808207	19.63768	.1328917	.0026719
Stddev	.0028113	.8628	.057533	.12506	.0006982	.0006415
%RSD	1.524617	.4706401	.6531694	.6368273	.5253673	24.01020
#1	.1835477	182.3356	8.743413	19.49654	.1332183	.0019438
#2	.1821083	183.9067	8.827904	19.68178	.1333667	.0031541
#3	.1875352	183.7392	8.853304	19.73471	.1320901	.0029178

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3276682	.2769173	1.768567	5.930972	4.054093	.7647730
Stddev	.0909949	.0026474	.008790	.013898	.012323	.0057596
%RSD	27.77044	.9560214	.4970343	.2343259	.3039660	.7531144
#1	.3951683	.2739841	1.758575	5.946349	4.053768	.7583319
#2	.2241838	.2776384	1.772017	5.927262	4.066576	.7694279
#3	.3636525	.2791295	1.775109	5.919306	4.041937	.7665593

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1045-04 Acquired: 1/23/2025 19:55:24 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCQ01 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0078315	8.015859	6.747610	.0124987	1.567868	.0304756
Stddev	.0003973	.017430	.028223	.0005048	.003339	.0011421
%RSD	5.073576	.2174463	.4182696	4.039097	.2129444	3.747649
#1	.0082861	8.017597	6.719192	.0119338	1.566990	.0291656
#2	.0076582	8.032354	6.748004	.0126568	1.565056	.0309989
#3	.0075503	7.997624	6.775634	.0129056	1.571558	.0312622

Elem	Sr4077
Units	ppm
Avg	.2379692
Stddev	.0018044
%RSD	.7582572
#1	.2359903
#2	.2383942
#3	.2395232

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3742.782	76504.51	10887.91	2643.886	4090.721
Stddev	7.768	199.98	42.85	.624	8.897
%RSD	.2075493	.2613939	.3935521	.0236194	.2175035
#1	3750.069	76597.93	10885.93	2643.648	4099.006
#2	3734.609	76640.68	10931.71	2644.595	4081.317
#3	3743.669	76274.92	10846.08	2643.416	4091.840

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1045-05 Acquired: 1/23/2025 19:59:29 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCQ02 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0340339	-.005452	.7493775	-.009421	.0142051	3.633566
Stddev	.0035053	.004737	.0021801	.006110	.0020249	.039389
%RSD	10.29947	86.89250	.2909205	64.85077	14.25475	1.084032
#1	.0380252	-.010884	.7492445	-.013767	.0122841	3.610494
#2	.0326207	-.002176	.7516211	-.012061	.0140111	3.679047
#3	.0314558	-.003297	.7472670	-.002435	.0163200	3.611156

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 27.89084	.0009463	.0249460	F 2161.790	.0637797	.0264978
Stddev	.15229	.0000773	.0001466	9.854	.0004846	.0001002
%RSD	.5460231	8.167398	.5876426	.4558442	.7597607	.3782123
#1	27.87493	.0008578	.0249961	2171.093	.0632333	.0264641
#2	27.74713	.0010007	.0250610	2162.812	.0639485	.0264187
#3	28.05046	.0009804	.0247810	2151.464	.0641574	.0266105

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1585690	50.45330	1.835800	F 1260.330	.0759947	-.001559
Stddev	.0015077	.20429	.009304	4.300	.0011570	.000433
%RSD	.9508281	.4049082	.5067844	.3411564	1.522494	27.77209
#1	.1593061	50.47611	1.834015	1262.984	.0762432	-.001762
#2	.1568346	50.64523	1.845867	1255.369	.0747336	-.001062
#3	.1595665	50.23856	1.827519	1262.638	.0770073	-.001854

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.894241	.1139273	10.36071	-.315278	1.015575	.2539160
Stddev	.196315	.0012721	.05569	.045298	.002143	.0004741
%RSD	21.95324	1.116616	.5375276	14.36773	.2110257	.1867092
#1	-1.07832	.1148747	10.40345	-.287881	1.013612	.2541138
#2	-.68764	.1144258	10.38095	-.290389	1.015251	.2542591
#3	-.91676	.1124814	10.29773	-.367564	1.017861	.2533750

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1045-05 Acquired: 1/23/2025 19:59:29 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCQ02 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0067504	F 42.26097	1.391481	-.003635	.0373117	.0585169
Stddev	.0008070	.16986	.004585	.001469	.0006944	.0004283
%RSD	11.95478	.4019303	.3295180	40.40014	1.861062	.7318737
#1	.0076783	42.10938	1.386508	-.002288	.0375444	.0586534
#2	.0062117	42.22898	1.395542	-.003416	.0378599	.0588603
#3	.0063613	42.44455	1.392392	-.005201	.0365309	.0580370

Elem	Sr4077
Units	ppm
Avg	.9491188
Stddev	.0068258
%RSD	.7191726
#1	.9487933
#2	.9561015
#3	.9424615

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2718.302	56045.40	8833.474	1892.824	2936.652
Stddev	8.343	112.49	59.756	7.783	6.413
%RSD	.3069355	.2007062	.6764737	.4111765	.2183791
#1	2719.918	55921.30	8786.455	1883.878	2938.336
#2	2725.720	56074.26	8900.718	1898.036	2942.055
#3	2709.269	56140.65	8813.248	1896.558	2929.565

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1045-06 Acquired: 1/23/2025 20:03:51 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCQ03 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0907514	-.005506	1.335768	.0047669	.0323101	1.611631
Stddev	.0048799	.004352	.004335	.0050743	.0015253	.015741
%RSD	5.377260	79.03870	.3245234	106.4478	4.720709	.9766830
#1	.0882056	-.000523	1.331444	-.001044	.0336698	1.627508
#2	.0963778	-.008563	1.340113	.007023	.0306608	1.611354
#3	.0876708	-.007433	1.335747	.008322	.0325998	1.596031

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.074991	-.000213	.1015871	F 2176.193	.0296964	.0312504
Stddev	.043783	.000093	.0003757	8.641	.0003168	.0001188
%RSD	.5422004	43.50534	.3697930	.3970771	1.066925	.3800361
#1	8.071391	-.000170	.1012913	2167.371	.0293398	.0311149
#2	8.033120	-.000320	.1020097	2176.567	.0298039	.0313363
#3	8.120463	-.000150	.1014602	2184.641	.0299454	.0313001

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4556956	137.2566	1.638734	F 1238.457	.1794817	.0012511
Stddev	.0042390	.9571	.010833	10.277	.0007178	.0002138
%RSD	.9302170	.6973262	.6610717	.8298392	.3999107	17.08857
#1	.4528693	136.4168	1.628186	1226.600	.1789371	.0013500
#2	.4605697	138.2987	1.649831	1243.962	.1802951	.0013976
#3	.4536479	137.0543	1.638186	1244.810	.1792129	.0010058

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F -1.15300	.0957970	F 56.69470	-.688848	1.080413	.6051799
Stddev	.14953	.0025472	.24935	.067205	.011522	.0044070
%RSD	12.96902	2.658899	.4398099	9.756071	1.066452	.7282129
#1	-1.19726	.0935645	56.42051	-.723572	1.076922	.6014694
#2	-.98633	.0952551	56.90788	-.611385	1.093277	.6100511
#3	-1.27540	.0985715	56.75571	-.731587	1.071041	.6040194

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1045-06 Acquired: 1/23/2025 20:03:51 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCQ03 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.004723	F 148.5810	.9011072	-.002685	-.006884	.0542147
Stddev	.000548	.6168	.0061307	.000716	.000641	.0015361
%RSD	11.60543	.4151377	.6803549	26.68141	9.315463	2.833348
#1	-.005283	148.2682	.8959518	-.001964	-.007347	.0557521
#2	-.004188	149.2915	.9078863	-.003396	-.007154	.0542122
#3	-.004697	148.1832	.8994834	-.002694	-.006152	.0526799

Elem	Sr4077
Units	ppm
Avg	.8522270
Stddev	.0056604
%RSD	.6641845
#1	.8469217
#2	.8581857
#3	.8515735

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2684.103	55851.30	8774.919	1883.094	2902.816
Stddev	8.863	215.54	23.266	3.955	11.129
%RSD	.3301997	.3859137	.2651461	.2100493	.3834013
#1	2689.878	56059.63	8798.886	1886.814	2903.736
#2	2673.898	55629.21	8752.423	1883.529	2891.255
#3	2688.532	55865.07	8773.447	1878.939	2913.457

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1045-07 Acquired: 1/23/2025 20:08:10 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCQ04 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0972568	-.011628	14.38982	.0314577	.0258103	17.80596
Stddev	.0010490	.002119	.02098	.0058359	.0018162	.07577
%RSD	1.078580	18.22140	.1458232	18.55162	7.036807	.4255148
#1	.0982095	-.009193	14.36634	.0358403	.0261096	17.74999
#2	.0974282	-.013057	14.39636	.0248333	.0274582	17.77570
#3	.0961326	-.012632	14.40675	.0336995	.0238630	17.89217

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 29.61750	.0047212	.1621331	679.3068	.1691429	.1529472
Stddev	.39620	.0001611	.0002202	7.6600	.0003863	.0006995
%RSD	1.337729	3.412013	.1358133	1.127627	.2283858	.4573255
#1	29.72597	.0048834	.1618870	675.5158	.1695645	.1523407
#2	29.94816	.0045613	.1622007	674.2815	.1688059	.1537124
#3	29.17835	.0047189	.1623115	688.1231	.1690582	.1527884

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4402148	208.3028	13.07106	343.5736	.1661590	.0145745
Stddev	.0018550	.3561	.01665	.3464	.0006591	.0003865
%RSD	.4213944	.1709527	.1273753	.1008172	.3966402	2.651830
#1	.4393162	208.0460	13.08219	343.3431	.1657072	.0143763
#2	.4423480	208.1532	13.05192	343.4058	.1669153	.0143273
#3	.4389803	208.7093	13.07907	343.9720	.1658546	.0150198

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.271186	.1983817	12.06706	1.414980	3.867621	.9020214
Stddev	.368538	.0021128	.08776	.031486	.007955	.0027389
%RSD	135.8989	1.064997	.7272880	2.225224	.2056831	.3036451
#1	-.266183	.1962193	12.15720	1.431071	3.860344	.9006483
#2	.094826	.1984847	11.98188	1.378699	3.866405	.9002406
#3	-.642199	.2004410	12.06211	1.435169	3.876114	.9051753

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1045-07 Acquired: 1/23/2025 20:08:10 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCQ04 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0038134	F 21.05208	4.605426	.0163363	.4965552	.0222255
Stddev	.0003184	.07099	.017736	.0018331	.0017165	.0002039
%RSD	8.349867	.3372340	.3851145	11.22108	.3456788	.9175814
#1	.0037067	21.01343	4.620589	.0163661	.4970825	.0220847
#2	.0041715	21.00879	4.609767	.0144886	.4979461	.0224593
#3	.0035621	21.13401	4.585922	.0181544	.4946369	.0221324

Elem	Sr4077
Units	ppm
Avg	.4090730
Stddev	.0007433
%RSD	.1817118
#1	.4089361
#2	.4084076
#3	.4098752

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3383.781	69311.02	10403.42	2363.094	3426.595
Stddev	4.511	212.51	58.88	12.298	5.162
%RSD	.1333207	.3066004	.5659317	.5204231	.1506369
#1	3381.889	69092.85	10359.65	2348.909	3427.064
#2	3380.523	69322.85	10380.26	2370.749	3421.215
#3	3388.930	69517.37	10470.36	2369.626	3431.507

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1045-08 Acquired: 1/23/2025 20:12:20 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCQ04D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1001432	-.010946	14.42086	.0317252	.0280081	17.77239
Stddev	.0005891	.003384	.04292	.0020061	.0023642	.08285
%RSD	.5882886	30.91807	.2976454	6.323518	8.441061	.4661844
#1	.0999533	-.014275	14.40361	.0334774	.0261980	17.70976
#2	.0996725	-.007509	14.38925	.0295369	.0306829	17.86634
#3	.1008039	-.011054	14.46973	.0321613	.0271433	17.74108

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 29.74140	.0044843	.1624785	679.7728	.1678353	.1523265
Stddev	.32036	.0000878	.0009924	5.3507	.0006450	.0006288
%RSD	1.077164	1.957544	.6107965	.7871253	.3842834	.4127811
#1	29.39452	.0045850	.1625928	676.6630	.1683937	.1525705
#2	29.80356	.0044241	.1614338	685.9511	.1671293	.1516123
#3	30.02614	.0044437	.1634088	676.7042	.1679829	.1527967

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4454751	208.2366	13.16625	344.0625	.1655777	.0147091
Stddev	.0076826	1.0961	.05176	1.9475	.0007796	.0004721
%RSD	1.724577	.5263944	.3931372	.5660445	.4708452	3.209218
#1	.4449453	207.3803	13.14709	342.8216	.1655636	.0142036
#2	.4534089	209.4720	13.22486	346.3071	.1648053	.0151384
#3	.4380712	207.8576	13.12680	343.0586	.1663643	.0147852

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.305631	.1966210	12.11853	1.453551	3.906112	.9030516
Stddev	.213106	.0029793	.04430	.063894	.023778	.0047291
%RSD	69.72659	1.515260	.3655813	4.395736	.6087282	.5236759
#1	-.073607	.1987127	12.09958	1.385741	3.898185	.8987576
#2	-.350666	.1979404	12.16915	1.512632	3.887310	.9081201
#3	-.492622	.1932098	12.08684	1.462278	3.932840	.9022770

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1045-08 Acquired: 1/23/2025 20:12:20 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCQ04D Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0041447	F 21.38726	4.599155	.0168682	.4921733	.0238438
Stddev	.0005951	.12147	.058337	.0006564	.0064045	.0005905
%RSD	14.35834	.5679476	1.268426	3.891369	1.301278	2.476662
#1	.0035365	21.34369	4.625694	.0169607	.4967670	.0244635
#2	.0047258	21.29360	4.639503	.0161705	.4948955	.0232875
#3	.0041718	21.52451	4.532267	.0174735	.4848573	.0237805

Elem	Sr4077
Units	ppm
Avg	.4104496
Stddev	.0021095
%RSD	.5139537
#1	.4089957
#2	.4128691
#3	.4094840

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3342.805	69212.83	10504.55	2361.562	3392.399
Stddev	5.816	118.39	119.65	2.527	4.397
%RSD	.1739838	.1710472	1.139014	.1069930	.1296168
#1	3339.618	69250.12	10416.21	2358.740	3390.358
#2	3349.518	69080.29	10456.72	2362.330	3397.445
#3	3339.279	69308.09	10640.71	2363.615	3389.392

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1045-07LX5 Acquired: 1/23/2025 20:16:31 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCQ04L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0161478	-.001133	2.894604	.0078624	.0050175	3.405316	5.978287
Stddev	.0010335	.001549	.011594	.0009666	.0011180	.027375	.038678
%RSD	6.399979	136.6839	.4005267	12.29429	22.28258	.8038985	.6469802
#1	.0164623	-.002472	2.889799	.0088967	.0038648	3.427370	5.990144
#2	.0149937	-.001492	2.886186	.0077088	.0050904	3.374677	6.009648
#3	.0169876	.000564	2.907828	.0069818	.0060973	3.413902	5.935068

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0010604	.0318178	137.7080	.0360977	.0300416	.0935460	42.98746
Stddev	.0001085	.0002640	.6957	.0004252	.0002174	.0024298	.27895
%RSD	10.22846	.8297199	.5052091	1.177954	.7237941	2.597490	.6489006
#1	.0009528	.0317339	138.4805	.0357386	.0301884	.0907412	43.27344
#2	.0011698	.0316060	137.1308	.0359872	.0301445	.0950129	42.71613
#3	.0010587	.0321136	137.5127	.0365672	.0297918	.0948838	42.97281

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.668921	67.56186	.0322354	.0023799	-.114432	.0446966	2.435561
Stddev	.010671	.33102	.0002378	.0001280	.223703	.0012301	.003458
%RSD	.3998210	.4899513	.7378097	5.377909	195.4895	2.752062	.1419898
#1	2.681007	67.89909	.0321228	.0023897	-.365109	.0435080	2.438686
#2	2.664956	67.23742	.0320747	.0025028	.064890	.0459643	2.431846
#3	2.660801	67.54907	.0325086	.0022474	-.043079	.0446176	2.436150

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2106589	.7185282	.1850523	.0003729	3.877977	.9711891	.0005795
Stddev	.0126228	.0074576	.0019041	.0001813	.024322	.0116364	.0001666
%RSD	5.992049	1.037894	1.028942	48.62398	.6271923	1.198155	28.74243
#1	.2127470	.7133186	.1871521	.0005090	3.868641	.9585903	.0004965
#2	.1971223	.7151948	.1834379	.0001671	3.859706	.9815329	.0007713
#3	.2221075	.7270710	.1845669	.0004426	3.905584	.9734441	.0004708

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1045-07LX5 Acquired: 1/23/2025 20:16:31 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCQ04L Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1061541	.0016462	.0798944
Stddev	.0003888	.0015082	.0004704
%RSD	.3663074	91.62101	.5887929
#1	.1063869	.0026861	.0804369
#2	.1057052	-.000084	.0796477
#3	.1063702	.002336	.0795986

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3457.253	70236.10	9863.702	2431.821	3960.271
Stddev	10.661	373.14	28.567	8.982	11.041
%RSD	.3083700	.5312669	.2896141	.3693571	.2787815
#1	3456.276	69834.95	9892.334	2422.812	3960.887
#2	3468.370	70572.85	9835.201	2440.776	3970.991
#3	3447.115	70300.51	9863.571	2431.874	3948.936

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1045-09 Acquired: 1/23/2025 20:20:40 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCQ04S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1686109	.0907788	14.09352	.1980509	.1991913	21.03731
Stddev	.0021178	.0014617	.03194	.0005084	.0007265	.12930
%RSD	1.256029	1.610205	.2266637	.2566925	.3647506	.6146379
#1	.1693600	.0899070	14.07488	.1975642	.1992004	20.93090
#2	.1662204	.0899631	14.07528	.1980101	.1984603	21.18122
#3	.1702524	.0924664	14.13041	.1985785	.1999133	20.99981

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 32.89692	.0979439	.2600971	662.0427	.5676589	1.163962
Stddev	.17549	.0007345	.0007000	1.5679	.0010427	.004180
%RSD	.5334664	.7499277	.2691262	.2368335	.1836832	.3591265
#1	32.70940	.0985117	.2598481	662.6456	.5671235	1.161208
#2	32.92415	.0971144	.2595557	663.2197	.5688606	1.161906
#3	33.05721	.0982056	.2608876	660.2628	.5669927	1.168772

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9134629	205.3237	13.74402	335.9941	1.170496	.0885693
Stddev	.0019669	1.5387	.12247	2.3872	.002628	.0002278
%RSD	.2153273	.7493858	.8910998	.7104788	.2245072	.2571801
#1	.9113508	204.2156	13.63478	334.5904	1.168236	.0886405
#2	.9137958	207.0805	13.87642	338.7504	1.169874	.0887530
#3	.9152422	204.6751	13.72087	334.6415	1.173380	.0883144

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.391079	1.146164	12.85102	1.406509	3.748494	.8888081
Stddev	.501123	.003783	.08080	.022666	.009892	.0078739
%RSD	128.1385	.3300708	.6287137	1.611534	.2638967	.8858940
#1	-.828585	1.146786	12.77595	1.392605	3.742299	.8830986
#2	.155646	1.142109	12.93653	1.394258	3.743280	.8977906
#3	-.500298	1.149598	12.84058	1.432665	3.759902	.8855350

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1045-09 Acquired: 1/23/2025 20:20:40 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCQ04S Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0030771	F 20.42874	4.721200	.0140428	.4917846	.0225282
Stddev	.0004587	.06176	.033614	.0010501	.0024184	.0020193
%RSD	14.90794	.3023141	.7119766	7.477800	.4917550	8.963333
#1	.0031561	20.36489	4.682404	.0152054	.4941012	.0234500
#2	.0034911	20.43316	4.741624	.0137598	.4892759	.0239221
#3	.0025839	20.48817	4.739571	.0131632	.4919768	.0202125

Elem	Sr4077
Units	ppm
Avg	.4009258
Stddev	.0035709
%RSD	.8906735
#1	.3977421
#2	.4047869
#3	.4002484

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3403.261	70191.60	10429.21	2375.053	3459.095
Stddev	14.249	58.54	72.31	3.292	12.174
%RSD	.4186754	.0833978	.6933831	.1386112	.3519519
#1	3410.016	70258.68	10374.38	2378.600	3465.411
#2	3412.876	70165.28	10511.16	2374.462	3466.814
#3	3386.891	70150.84	10402.09	2372.096	3445.061

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1045-10 Acquired: 1/23/2025 20:24:48 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCQ05 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1095412	-.004594	2.180886	.0426431	.0258069	61.34970
Stddev	.0027777	.003867	.004590	.0032160	.0019039	.19725
%RSD	2.535776	84.16761	.2104470	7.541659	7.377550	.3215193
#1	.1072187	-.009052	2.176594	.0424169	.0237966	61.14451
#2	.1087867	-.002583	2.185725	.0395462	.0275827	61.53791
#3	.1126182	-.002148	2.180339	.0459663	.0260414	61.36668

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 35.81878	.0076380	.0075722	34.41780	.2396190	.2110536
Stddev	.22142	.0000364	.0000761	.13758	.0003593	.0001530
%RSD	.6181812	.4768351	1.004883	.3997484	.1499681	.0724746
#1	36.03376	.0076348	.0076206	34.32478	.2392791	.2108878
#2	35.59143	.0076760	.0074845	34.57585	.2399951	.2111891
#3	35.83116	.0076033	.0076115	34.35278	.2395829	.2110841

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1169609	209.5281	15.84619	14.44737	.1239129	.0050173
Stddev	.0001535	.8122	.03932	.08128	.0004302	.0004106
%RSD	.1312304	.3876497	.2481268	.5626241	.3472140	8.182853
#1	.1170140	208.8297	15.81189	14.40594	.1240709	.0051503
#2	.1167879	210.4194	15.88910	14.54102	.1242418	.0053448
#3	.1170807	209.3351	15.83758	14.39514	.1234260	.0045567

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1187942	.3920942	1.826153	5.062116	4.075882	.8756507
Stddev	.3028893	.0028938	.009471	.027908	.011289	.0036743
%RSD	254.9699	.7380265	.5186418	.5513040	.2769674	.4196044
#1	.0112918	.3904945	1.835974	5.031260	4.082978	.8729512
#2	.4607715	.3903534	1.825410	5.085593	4.081804	.8798350
#3	-.115681	.3954346	1.817075	5.069493	4.062864	.8741658

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1045-10 Acquired: 1/23/2025 20:24:48 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCQ05 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0082401	9.793739	7.396340	.0125817	1.396038	.0292734
Stddev	.0002644	.028020	.021287	.0004803	.005965	.0025177
%RSD	3.208190	.2861031	.2878001	3.817486	.4272504	8.600509
#1	.0085190	9.816931	7.419979	.0130905	1.402793	.0265230
#2	.0079932	9.762605	7.378688	.0125182	1.391499	.0314642
#3	.0082080	9.801681	7.390352	.0121362	1.393821	.0298328

Elem	Sr4077
Units	ppm
Avg	.3652528
Stddev	.0012290
%RSD	.3364911
#1	.3640105
#2	.3664682
#3	.3652796

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3702.679	75126.21	10775.14	2601.247	4091.113
Stddev	8.110	123.49	49.93	12.818	11.152
%RSD	.2190372	.1643813	.4633878	.4927659	.2725967
#1	3711.279	75094.38	10717.60	2590.289	4102.804
#2	3701.591	75021.74	10800.73	2598.110	4089.944
#3	3695.168	75262.50	10807.09	2615.343	4080.591

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1045-11 Acquired: 1/23/2025 20:28:53 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCQ06 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0915262	.0011560	1.305650	.0399641	.1140611	66.12911
Stddev	.0024436	.0025226	.002101	.0015925	.0021948	.20899
%RSD	2.669840	218.2227	.1609009	3.984931	1.924253	.3160296
#1	.0942377	.0035999	1.307389	.0382152	.1121991	66.31759
#2	.0908464	-.001439	1.303316	.0413307	.1135030	65.90436
#3	.0894945	.001307	1.306244	.0403463	.1164811	66.16536

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 26.05765	.0053956	.0049619	15.03436	.2367661	.1142564
Stddev	.32873	.0002374	.0000710	.05890	.0007262	.0004531
%RSD	1.261552	4.399789	1.431202	.3917459	.3067274	.3965730
#1	26.22403	.0053669	.0048837	15.07149	.2359415	.1137389
#2	26.26993	.0056461	.0050223	14.96646	.2373105	.1144480
#3	25.67899	.0051740	.0049798	15.06515	.2370463	.1145822

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0958001	182.2342	8.200732	12.29359	.0928403	.0027142
Stddev	.0015352	.4912	.042007	.03173	.0005317	.0003296
%RSD	1.602474	.2695368	.5122313	.2581283	.5726792	12.14187
#1	.0968279	182.5054	8.200164	12.26268	.0933987	.0030852
#2	.0965371	181.6672	8.159011	12.29199	.0923401	.0024553
#3	.0940354	182.5300	8.243019	12.32608	.0927821	.0026022

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2601766	.3280192	1.034811	3.905261	2.536639	.7521501
Stddev	.2201863	.0024940	.005572	.060524	.001887	.0035787
%RSD	84.62956	.7603304	.5384605	1.549810	.0744061	.4757956
#1	.3819815	.3305337	1.036802	3.873083	2.534466	.7551548
#2	.0060006	.3255462	1.028517	3.867622	2.537874	.7481909
#3	.3925478	.3279777	1.039114	3.975077	2.537577	.7531047

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1045-11 Acquired: 1/23/2025 20:28:53 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCQ06 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0082156	6.530540	5.647970	.0090912	1.286012	.0319547
Stddev	.0004158	.002032	.033899	.0001740	.004990	.0014607
%RSD	5.061112	.0311083	.6001965	1.914284	.3880485	4.571211
#1	.0077355	6.532175	5.624455	.0092482	1.287521	.0335959
#2	.0084486	6.528266	5.632628	.0089041	1.280441	.0314709
#3	.0084626	6.531180	5.686828	.0091215	1.290074	.0307973

Elem	Sr4077
Units	ppm
Avg	.2378297
Stddev	.0006309
%RSD	.2652644
#1	.2380584
#2	.2371163
#3	.2383142

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3749.370	75490.14	10596.64	2611.982	4170.251
Stddev	2.896	219.01	19.03	7.331	6.319
%RSD	.0772427	.2901198	.1795750	.2806512	.1515163
#1	3748.001	75397.04	10608.91	2605.912	4163.014
#2	3752.697	75740.32	10606.28	2620.126	4173.072
#3	3747.412	75333.06	10574.72	2609.906	4174.668

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1045-12 Acquired: 1/23/2025 20:32:58 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCQ07 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1147220	-.000816	1.114032	.0496207	.0254283	103.0296	17.67528
Stddev	.0022064	.001576	.001539	.0025705	.0023831	.6625	.23529
%RSD	1.923235	193.0760	.1381594	5.180227	9.371847	.6429866	1.331191
#1	.1148871	.000610	1.114735	.0479046	.0261467	102.3705	17.44942
#2	.1124378	-.000550	1.115093	.0525760	.0273696	103.6954	17.91899
#3	.1168412	-.002508	1.112266	.0483816	.0227687	103.0228	17.65744

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0071621	.0051642	14.05798	.2436898	.2186586	.1016938	238.2191
Stddev	.0001233	.0000282	.11148	.0007526	.0004467	.0005156	1.5273
%RSD	1.722295	.5467757	.7930190	.3088509	.2042972	.5070388	.6411531
#1	.0072297	.0051876	13.92999	.2445266	.2190049	.1022151	236.6494
#2	.0070198	.0051328	14.13388	.2430682	.2188165	.1016822	239.7002
#3	.0072370	.0051724	14.11006	.2434745	.2181543	.1011840	238.3076

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.83537	15.48154	.1225043	.0033837	.5091879	.4184217	.5669629
Stddev	.10086	.12492	.0006912	.0005124	.3041794	.0018922	.0059130
%RSD	.8522025	.8068818	.5642278	15.14261	59.73814	.4522333	1.042921
#1	11.71914	15.33806	.1233023	.0031148	.1579670	.4165822	.5603285
#2	11.88709	15.54049	.1221120	.0039746	.6876301	.4183204	.5688834
#3	11.89988	15.56607	.1220984	.0030617	.6819665	.4203626	.5716769

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.797878	2.150689	.9797787	.0098788	4.233453	6.102404	.0113241
Stddev	.047810	.003433	.0084008	.0001653	.012677	.020240	.0012064
%RSD	.9964728	.1596297	.8574161	1.672761	.2994482	.3316767	10.65351
#1	4.771716	2.147708	.9710909	.0097591	4.219215	6.093764	.0113162
#2	4.853059	2.154443	.9878595	.0100673	4.243515	6.087918	.0101216
#3	4.768858	2.149917	.9803857	.0098099	4.237628	6.125530	.0125344

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1045-12 Acquired: 1/23/2025 20:32:58 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCQ07 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.428806	.0536660	.1660307
Stddev	.001792	.0008966	.0011876
%RSD	.1254327	1.670705	.7152849
#1	1.427068	.0528082	.1646880
#2	1.428703	.0535927	.1669433
#3	1.430648	.0545969	.1664608

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3821.000	78133.68	10852.62	2703.371	4098.537
Stddev	6.974	162.78	43.02	8.381	7.171
%RSD	.1825266	.2083408	.3964136	.3100116	.1749755
#1	3822.160	78301.04	10806.33	2699.119	4095.348
#2	3813.519	77975.89	10891.38	2697.969	4093.513
#3	3827.322	78124.13	10860.15	2713.026	4106.750

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1045-13 Acquired: 1/23/2025 20:37:02 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCQ08 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1037183	-.002250	1.389233	.0388748	.0233449	69.83049
Stddev	.0021577	.002046	.003820	.0018287	.0010400	.48364
%RSD	2.080327	90.91689	.2749759	4.703996	4.454976	.6925906
#1	.1058898	-.002329	1.386322	.0408712	.0223957	69.28641
#2	.1015747	-.000166	1.387819	.0372809	.0244566	70.21158
#3	.1036904	-.004256	1.393559	.0384724	.0231825	69.99348

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 21.23724	.0082036	.0072951	31.52060	.1976592	.2813749
Stddev	.19762	.0001318	.0000138	.20364	.0008471	.0006096
%RSD	.9305297	1.606277	.1895309	.6460695	.4285426	.2166512
#1	21.31850	.0083490	.0072850	31.28947	.1975491	.2808998
#2	21.38127	.0081697	.0072895	31.67364	.1968727	.2811626
#3	21.01195	.0080921	.0073108	31.59869	.1985560	.2820622

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1635773	198.4985	19.95830	14.86178	.1451491	.0049168
Stddev	.0009782	1.3716	.11705	.06460	.0004144	.0002531
%RSD	.5980024	.6909672	.5864717	.4346653	.2855035	5.148218
#1	.1635761	196.9377	19.82717	14.78893	.1448409	.0047594
#2	.1645561	199.5115	20.05223	14.91208	.1449861	.0052088
#3	.1625997	199.0462	19.99549	14.88434	.1456202	.0047822

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2912600	.3744877	1.120498	5.390171	4.126324	.8323202
Stddev	.2804925	.0031819	.006560	.052497	.014518	.0064265
%RSD	96.30314	.8496624	.5854496	.9739345	.3518461	.7721213
#1	.4743923	.3779406	1.117369	5.331833	4.109675	.8249418
#2	.4310442	.3738485	1.128036	5.433604	4.136344	.8366951
#3	-.031656	.3716739	1.116088	5.405074	4.132955	.8353236

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1045-13 Acquired: 1/23/2025 20:37:02 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCQ08 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0102878	7.151523	4.800964	.0099728	1.405023	.0373886
Stddev	.0001743	.028286	.037567	.0012285	.005753	.0007343
%RSD	1.694584	.3955236	.7824910	12.31873	.4094449	1.964024
#1	.0104714	7.123386	4.844304	.0109611	1.411533	.0368078
#2	.0101246	7.151228	4.780866	.0103599	1.402911	.0382140
#3	.0102673	7.179956	4.777721	.0085973	1.400625	.0371439

Elem	Sr4077
Units	ppm
Avg	.2696867
Stddev	.0021341
%RSD	.7913290
#1	.2675321
#2	.2717997
#3	.2697284

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3802.195	77044.24	10929.40	2663.434	4102.187
Stddev	2.175	145.98	103.52	9.557	5.893
%RSD	.0572066	.1894778	.9471652	.3588361	.1436550
#1	3803.185	77144.04	10818.46	2654.564	4104.578
#2	3803.698	77111.99	11023.41	2662.183	4106.509
#3	3799.700	76876.69	10946.34	2673.556	4095.474

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1045-14 Acquired: 1/23/2025 20:41:05 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCQ09 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0872536	-.001753	.8985781	.0354160	.0194116	60.36510	13.78464
Stddev	.0028575	.001470	.0050601	.0024636	.0017681	1.01312	.18590
%RSD	3.274906	83.84038	.5631200	6.956225	9.108295	1.678319	1.348604
#1	.0891691	-.001409	.8959695	.0375164	.0202174	61.53391	13.98986
#2	.0839692	-.003364	.8953546	.0327043	.0206331	59.82319	13.62751
#3	.0886225	-.000486	.9044102	.0360273	.0173841	59.73818	13.73655

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0067363	.0047309	13.71941	.1634668	.1985276	.0833148	167.1239
Stddev	.0002267	.0000577	.23268	.0040908	.0002821	.0033020	2.9455
%RSD	3.365902	1.219833	1.696008	2.502532	.1420752	3.963328	1.762440
#1	.0068438	.0046647	13.98794	.1681897	.1985134	.0803110	170.5240
#2	.0064758	.0047708	13.59285	.1610345	.1982529	.0827830	165.3514
#3	.0068892	.0047573	13.57743	.1611761	.1988165	.0868505	165.4962

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.55166	10.71335	.0978907	.0028537	-.030777	.3033045	.6374359
Stddev	.24021	.18246	.0003656	.0006480	.233404	.0048952	.0128436
%RSD	1.772529	1.703135	.3734442	22.70555	758.3746	1.613956	2.014891
#1	13.82899	10.92387	.0975577	.0021372	.206439	.2997850	.6522063
#2	13.40885	10.60094	.0982819	.0030254	-.038597	.3012337	.6312065
#3	13.41715	10.61522	.0978325	.0033985	-.260173	.3088947	.6288950

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.109299	2.420751	.6921928	.0069918	3.689679	5.309083	.0097239
Stddev	.138459	.008833	.0125662	.0002600	.007717	.054832	.0000505
%RSD	3.369413	.3648686	1.815414	3.718990	.2091469	1.032789	.5194833
#1	4.269042	2.415950	.7067028	.0072550	3.688901	5.301358	.0096966
#2	4.023720	2.415359	.6848891	.0069854	3.682380	5.258523	.0097822
#3	4.035136	2.430944	.6849864	.0067351	3.697755	5.367367	.0096930

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1045-14 Acquired: 1/23/2025 20:41:05 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCQ09 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.331411	.0343979	.1603386
Stddev	.020766	.0018345	.0026104
%RSD	1.559720	5.333150	1.628042
#1	1.320409	.0363807	.1633446
#2	1.318460	.0340519	.1590274
#3	1.355363	.0327610	.1586436

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3647.478	73450.05	10483.61	2572.774	4065.510
Stddev	7.617	1435.91	123.20	44.708	8.657
%RSD	.2088312	1.954952	1.175198	1.737726	.2129456
#1	3648.766	71795.28	10504.15	2521.198	4062.164
#2	3654.369	74367.67	10595.25	2600.496	4075.341
#3	3639.299	74187.20	10351.43	2596.628	4059.025

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1045-15 Acquired: 1/23/2025 20:45:10 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCQ10 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1130202	-.003647	1.394574	.0446107	.0218471	67.46044	15.96843
Stddev	.0016825	.001705	.013441	.0030396	.0020199	.02786	.11326
%RSD	1.488635	46.75025	.9638014	6.813588	9.245538	.0413038	.7092797
#1	.1130990	-.005077	1.405561	.0478408	.0229794	67.43250	16.08687
#2	.1112997	-.004106	1.379587	.0418066	.0230467	67.46059	15.86118
#3	.1146618	-.001760	1.398574	.0441846	.0195150	67.48822	15.95723

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0090420	.0064487	16.85548	.1912642	.3468009	.0778369	201.1130
Stddev	.0000697	.0001242	.00961	.0004616	.0039502	.0026167	.1353
%RSD	.7706513	1.926400	.0569955	.2413349	1.139029	3.361746	.0672585
#1	.0091220	.0065835	16.84604	.1915736	.3495773	.0784338	200.9853
#2	.0089949	.0063388	16.86524	.1914853	.3422786	.0749733	201.2547
#3	.0090090	.0064237	16.85514	.1907336	.3485468	.0801035	201.0988

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.69568	11.07363	.1225181	.0052466	-.213321	.3944641	.7075987
Stddev	.18095	.02888	.0010675	.0000408	.396368	.0026949	.0050987
%RSD	.7636529	.2607913	.8713235	.7776626	185.8083	.6831734	.7205599
#1	23.90257	11.05069	.1232733	.0052485	-.028954	.3945055	.7022757
#2	23.56691	11.06414	.1212968	.0052864	.057282	.3917488	.7124387
#3	23.61756	11.10606	.1229843	.0052048	-.668291	.3971380	.7080817

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.170038	3.091259	.8307225	.0093572	3.989980	5.396151	.0104443
Stddev	.063420	.029005	.0009007	.0001683	.041851	.003957	.0012677
%RSD	1.226674	.9382941	.1084241	1.798930	1.048908	.0733229	12.13790
#1	5.107071	3.111197	.8309836	.0095073	4.010800	5.392645	.0118699
#2	5.169143	3.057984	.8314638	.0091752	3.941802	5.400441	.0094438
#3	5.233900	3.104595	.8297201	.0093891	4.017338	5.395368	.0100192

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1045-15 Acquired: 1/23/2025 20:45:10 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCQ10 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.379929	.0359582	.1784996
Stddev	.002901	.0012905	.0004349
%RSD	.2102095	3.588917	.2436266
#1	1.376873	.0352201	.1781072
#2	1.380271	.0374483	.1789671
#3	1.382644	.0352061	.1784245

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3799.606	76378.79	10782.35	2670.887	4136.525
Stddev	33.016	173.59	24.44	3.366	40.911
%RSD	.8689205	.2272732	.2266527	.1260116	.9890068
#1	3774.764	76193.43	10754.14	2667.877	4104.554
#2	3837.070	76405.41	10796.60	2670.264	4182.628
#3	3786.983	76537.54	10796.33	2674.521	4122.392

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1045-16 Acquired: 1/23/2025 20:49:23 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCQ11 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0790494	-.001739	1.399880	.0309618	.0188075	50.33642
Stddev	.0026372	.000554	.004066	.0012229	.0003423	.32847
%RSD	3.336147	31.88791	.2904858	3.949758	1.820243	.6525398
#1	.0773678	-.002376	1.395686	.0298686	.0191873	50.60421
#2	.0776916	-.001474	1.400147	.0307344	.0185226	49.96992
#3	.0820889	-.001366	1.403806	.0322825	.0187127	50.43512

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 26.63762	.0076186	.0061105	24.74489	.1338539	.2381390
Stddev	.20839	.0001138	.0000440	.10372	.0005193	.0011448
%RSD	.7822970	1.493628	.7207548	.4191716	.3879488	.4807262
#1	26.52802	.0077450	.0060835	24.82727	.1344481	.2372389
#2	26.50690	.0075866	.0061613	24.62841	.1334872	.2377507
#3	26.87793	.0075242	.0060867	24.77898	.1336264	.2394274

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1645602	142.6141	17.34000	10.08087	.0991270	.0036072
Stddev	.0021639	.7666	.07198	.06583	.0011396	.0003056
%RSD	1.314949	.5375067	.4150848	.6530193	1.149634	8.472747
#1	.1657804	143.2952	17.40352	10.12148	.0978389	.0036884
#2	.1658385	141.7840	17.26183	10.00492	.1000041	.0032692
#3	.1620618	142.7631	17.35466	10.11621	.0995380	.0038641

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.381476	.2629852	.9647128	4.301954	3.549711	.5964314
Stddev	.167965	.0007387	.0093099	.051677	.011762	.0035904
%RSD	44.03042	.2808762	.9650450	1.201246	.3313573	.6019871
#1	-.388835	.2631907	.9725036	4.349790	3.539056	.5993246
#2	-.209952	.2621655	.9544024	4.308929	3.547745	.5924131
#3	-.545641	.2635993	.9672324	4.247144	3.562333	.5975563

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1045-16 Acquired: 1/23/2025 20:49:23 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCQ11 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0065274	7.051748	5.661507	.0080671	1.231154	.0226890
Stddev	.0002363	.015112	.011022	.0011795	.000431	.0007464
%RSD	3.619937	.2142962	.1946890	14.62128	.0349829	3.289660
#1	.0062596	7.038023	5.650773	.0073989	1.231367	.0234947
#2	.0067068	7.049278	5.672797	.0094290	1.231436	.0220210
#3	.0066157	7.067942	5.660953	.0073734	1.230658	.0225515

Elem	Sr4077
Units	ppm
Avg	.2691715
Stddev	.0012765
%RSD	.4742178
#1	.2700374
#2	.2677056
#3	.2697716

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3723.062	75741.54	10712.35	2634.401	4125.346
Stddev	3.207	319.94	37.14	19.897	7.942
%RSD	.0861375	.4224086	.3466941	.7552732	.1925260
#1	3723.063	75423.56	10703.88	2611.585	4133.251
#2	3726.268	76063.40	10680.18	2643.470	4125.420
#3	3719.854	75737.67	10753.00	2648.148	4117.367

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1045-17 Acquired: 1/23/2025 20:53:27 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCQ12 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0438381	-.012764	1.044920	.0087921	.0201733	28.02002
Stddev	.0029112	.000932	.005592	.0038018	.0020172	.15874
%RSD	6.640807	7.304478	.5351602	43.24125	9.999182	.5665171
#1	.0456370	-.013304	1.047748	.0127703	.0181799	28.06634
#2	.0404794	-.013302	1.038478	.0084106	.0201264	27.84327
#3	.0453979	-.011688	1.048532	.0051954	.0222134	28.15044

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 32.56722	.0042278	.0081958	F 1843.384	.1057459	.0497290
Stddev	.07935	.0001887	.0002168	19.775	.0003406	.0002027
%RSD	.2436538	4.462209	2.645317	1.072779	.3221132	.4076472
#1	32.63289	.0040165	.0083675	1847.658	.1060296	.0495145
#2	32.58973	.0043795	.0082678	1821.821	.1058400	.0499174
#3	32.47905	.0042873	.0079522	1860.673	.1053681	.0497551

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.460968	132.2506	15.32458	F 974.7529	.0616475	.0012105
Stddev	.010027	.4893	.05301	2.8544	.0004260	.0000752
%RSD	.4074525	.3699730	.3459000	.2928296	.6910511	6.214732
#1	2.452099	132.4039	15.32331	976.3631	.0616635	.0012973
#2	2.471849	131.7030	15.27222	971.4573	.0612137	.0011676
#3	2.458957	132.6449	15.37822	976.4384	.0620652	.0011665

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F -2.38008	.1457970	1.658159	2.526954	3.732317	.5859953
Stddev	.35564	.0027056	.010231	.098015	.009453	.0028591
%RSD	14.94234	1.855720	.6169841	3.878765	.2532756	.4878999
#1	-2.00265	.1427028	1.667573	2.611736	3.721478	.5867445
#2	-2.42866	.1477180	1.647272	2.419633	3.736617	.5828363
#3	-2.70894	.1469701	1.659633	2.549493	3.738855	.5884053

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1045-17 Acquired: 1/23/2025 20:53:27 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCQ12 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0020343	F 12.50721	5.476531	.0016728	.5709139	.0563198
Stddev	.0006914	.01850	.025835	.0014160	.0016946	.0015688
%RSD	33.98424	.1478900	.4717486	84.64636	.2968263	2.785565
#1	.0023845	12.52197	5.466513	.0007530	.5718908	.0558069
#2	.0024806	12.48646	5.457205	.0009620	.5718937	.0550716
#3	.0012380	12.51318	5.505875	.0033033	.5689571	.0580809

Elem	Sr4077
Units	ppm
Avg	.7872077
Stddev	.0029982
%RSD	.3808598
#1	.7879666
#2	.7839030
#3	.7897535

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2888.156	60669.10	9477.201	2047.442	2999.741
Stddev	8.110	68.55	28.784	13.644	5.424
%RSD	.2808118	.1129946	.3037195	.6663787	.1808121
#1	2897.476	60593.51	9475.670	2032.471	3004.729
#2	2884.289	60686.55	9449.212	2050.676	3000.528
#3	2882.703	60727.25	9506.720	2059.178	2993.967

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: CCV006 Acquired: 1/23/2025 20:57:40 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV006 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**4.716502**	**4.668735**	**24.15822**	**4.661500**	**4.746112**	**387.5684**
Stddev	.015317	.079410	.03907	.006507	.005810	3.8812
%RSD	.3247608	1.700897	.1617406	.1395984	.1224108	1.001411
#1	4.703765	4.600058	24.13669	4.667044	4.740506	386.1560
#2	4.712243	4.650457	24.13465	4.663121	4.745725	384.5911
#3	4.733498	4.755691	24.20332	4.654335	4.752106	391.9579

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**9.805232**	**.4995486**	**2.460664**	**391.3835**	**15.62681**	**2.441932**
Stddev	.063532	.0048870	.009274	1.5854	.01443	.002498
%RSD	.6479353	.9782832	.3769017	.4050844	.0923653	.1022862
#1	9.778710	.4968533	2.455653	389.5681	15.64344	2.440337
#2	9.759258	.4966028	2.454974	392.0866	15.61753	2.440648
#3	9.877727	.5051898	2.471366	392.4958	15.61945	2.444811

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**14.39697**	**400.9623**	**14.64642**	**394.6404**	**2.440423**	**1.273390**
Stddev	.14201	3.2212	.12856	2.7907	.006070	.004120
%RSD	.9863979	.8033786	.8777610	.7071469	.2487474	.3235839
#1	14.23300	401.1316	14.59070	394.8428	2.435935	1.277359
#2	14.47755	404.0956	14.79344	397.3244	2.438003	1.273677
#3	14.48037	397.6598	14.55512	391.7540	2.447330	1.269133

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**378.8372**	**2.453668**	**14.94040**	**148.0906**	**4.993533**	F **5.911756**
Stddev	3.3847	.016271	.10735	1.3494	.012801	.026772
%RSD	.8934344	.6631393	.7185300	.9112219	.2563436	.4528536
#1	374.9456	2.435175	14.94362	147.8445	4.981480	5.893006
#2	381.0955	2.460041	15.04610	149.5462	4.992150	5.899847
#3	380.4704	2.465788	14.83147	146.8812	5.006969	5.942416

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: CCV006 Acquired: 1/23/2025 20:57:40 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV006 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.752229	4.863733	4.861128	4.972133	4.842786	4.772781
Stddev	.011029	.021395	.044859	.017900	.038415	.049920
%RSD	.2320904	.4398976	.9228028	.3600042	.7932444	1.045922
#1	4.751704	4.846473	4.812128	4.964178	4.798880	4.751236
#2	4.741472	4.857055	4.871081	4.959590	4.859272	4.829855
#3	4.763512	4.887671	4.900174	4.992632	4.870207	4.737252

Elem	Sr4077
Units	ppm
Avg	4.984186
Stddev	.035833
%RSD	.7189302
#1	4.942930
#2	5.002087
#3	5.007543

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2873.702	60293.45	9158.035	2090.786	3275.003
Stddev	4.649	170.26	76.482	10.080	2.322
%RSD	.1617728	.2823828	.8351388	.4821071	.0709068
#1	2868.360	60199.50	9204.627	2079.844	3277.194
#2	2875.911	60190.86	9199.711	2092.820	3272.569
#3	2876.834	60489.98	9069.766	2099.694	3275.246

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: CCB006 Acquired: 1/23/2025 21:01:58 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB006 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000712	.0007980	-.001108	.0011538	.0002877	-.000828	-.000050
Stddev	.001617	.0017107	.000851	.0010283	.0013489	.008788	.001185
%RSD	227.0531	214.3604	76.79845	89.12108	468.8906	1061.197	2382.395
#1	.001151	-.001159	-.001148	.0009327	-.001198	-.007937	.000392
#2	-.001752	.001547	-.000238	.0022746	.000627	.008998	-.001392
#3	-.001536	.002007	-.001938	.0002541	.001434	-.003545	.000851

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000259	.0000222	.0138185	.0006388	-.000019	.0011263	.0100524
Stddev	.0000476	.0001066	.0065898	.0002486	.000322	.0010363	.0041897
%RSD	184.1587	480.0713	47.68804	38.92190	1692.996	92.01348	41.67914
#1	.0000475	.0001097	.0063528	.0006792	-.000032	.0012051	.0142746
#2	-.000029	.0000535	.0162775	.0008648	-.000334	.0000528	.0099866
#3	.000059	-.000097	.0188252	.0003725	.000309	.0021209	.0058959

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007198	.0216797	.0001129	-.000264	.0488049	.0013678	-.000341
Stddev	.0004204	.0027901	.0003240	.000339	.1966189	.0007014	.001593
%RSD	58.40212	12.86975	287.0308	128.4876	402.8672	51.28152	467.2631
#1	.0008664	.0201585	-.000189	-.000644	.0010278	.0011705	-.000731
#2	.0010473	.0248998	.000072	.000007	.2649095	.0007862	.001411
#3	.0002458	.0199808	.000455	-.000154	-.119523	.0021468	-.001703

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.167819	.0039669	.0034615	.0003264	.0007587	.0064721	-.000144
Stddev	.040319	.0007814	.0004759	.0003260	.0040858	.0010017	.000924
%RSD	24.02522	19.69920	13.74731	99.88974	538.5297	15.47669	640.1713
#1	-.184420	.0030871	.0037212	.0007022	-.003710	.0054426	-.001180
#2	-.197188	.0045804	.0029123	.0001200	.004302	.0065305	.000595
#3	-.121850	.0042331	.0037510	.0001570	.001684	.0074434	.000152

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: CCB006 Acquired: 1/23/2025 21:01:58 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB006 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0005404	-.005471	.0001763
Stddev	.0014925	.000221	.0000696
%RSD	276.2042	4.038134	39.49134
#1	.0022140	-.005217	.0002327
#2	-.000652	-.005618	.0000985
#3	.000059	-.005578	.0001976

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3632.368	72862.22	9727.151	2560.501	4508.838
Stddev	6.629	215.62	39.627	2.755	4.562
%RSD	.1824917	.2959348	.4073893	.1075821	.1011808
#1	3633.801	72754.07	9722.050	2560.325	4508.653
#2	3625.139	73110.52	9769.081	2563.339	4504.372
#3	3638.162	72722.08	9690.320	2557.838	4513.490

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1045-18 Acquired: 1/23/2025 21:06:07 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCQ13 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0777406	-.001243	1.389192	.0319584	.0168291	51.08236
Stddev	.0019918	.002554	.002210	.0030239	.0011244	.22896
%RSD	2.562153	205.4509	.1591010	9.461864	6.681132	.4482215
#1	.0762384	-.002231	1.387810	.0287780	.0156066	50.82037
#2	.0800000	.001657	1.391742	.0323006	.0178190	51.24407
#3	.0769835	-.003156	1.388025	.0347966	.0170618	51.18264

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 25.00910	.0062053	.0051030	22.73667	.1359538	.1917207
Stddev	.15375	.0000658	.0001804	.16104	.0001411	.0004531
%RSD	.6147809	1.060840	3.534329	.7082971	.1038242	.2363523
#1	24.93135	.0062053	.0052613	22.55443	.1359021	.1912703
#2	24.90975	.0061395	.0049066	22.79573	.1358457	.1917153
#3	25.18620	.0062711	.0051411	22.85984	.1361135	.1921765

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1212328	142.0894	14.52381	10.50226	.0943808	.0025028
Stddev	.0007481	.6406	.11268	.04906	.0003941	.0000394
%RSD	.6170642	.4508338	.7758438	.4670956	.4175671	1.574244
#1	.1209703	141.3723	14.39565	10.44800	.0939729	.0024673
#2	.1206513	142.6050	14.56842	10.54346	.0944099	.0024959
#3	.1220767	142.2908	14.60736	10.51533	.0947595	.0025452

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.183283	.2669877	1.139368	4.002980	3.284891	.5907847
Stddev	.137368	.0018507	.012301	.064009	.006327	.0040824
%RSD	74.94859	.6931901	1.079622	1.599023	.1926214	.6910057
#1	-.037300	.2691235	1.133731	3.929098	3.286603	.5863235
#2	-.202546	.2659828	1.130896	4.041723	3.277884	.5943340
#3	-.310003	.2658568	1.153477	4.038117	3.290187	.5916967

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1045-18 Acquired: 1/23/2025 21:06:07 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCQ13 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0070051	6.883386	2.699171	.0093354	1.157728	.0253999
Stddev	.0000876	.009860	.011285	.0005318	.005163	.0005458
%RSD	1.251114	.1432379	.4180820	5.696760	.4459469	2.148955
#1	.0071062	6.872607	2.693589	.0087466	1.152085	.0257109
#2	.0069495	6.885603	2.691765	.0094789	1.158886	.0257192
#3	.0069597	6.891949	2.712159	.0097808	1.162215	.0247697

Elem	Sr4077
Units	ppm
Avg	.2496346
Stddev	.0019724
%RSD	.7900988
#1	.2474917
#2	.2500379
#3	.2513740

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3770.718	76179.40	10472.80	2659.100	4229.566
Stddev	9.152	130.31	30.00	5.407	6.921
%RSD	.2427111	.1710513	.2864544	.2033230	.1636267
#1	3781.151	76306.60	10438.35	2654.465	4236.971
#2	3764.043	76046.19	10486.88	2665.039	4223.261
#3	3766.961	76185.40	10493.17	2657.796	4228.466

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1045-19 Acquired: 1/23/2025 21:10:11 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCQ14 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1144772	-.004550	1.335707	.0389749	.0200215	55.60378	19.48729
Stddev	.0023413	.001316	.001961	.0033556	.0015368	.10235	.09489
%RSD	2.045190	28.92634	.1468397	8.609717	7.675526	.1840674	.4869379
#1	.1119274	-.005670	1.333453	.0413937	.0182474	55.70869	19.52284
#2	.1149740	-.003101	1.336640	.0351440	.0208770	55.59844	19.55927
#3	.1165302	-.004880	1.337027	.0403871	.0209402	55.50420	19.37975

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0090811	.0066543	35.54331	.1874819	.3200970	.1991055	183.0625
Stddev	.0000635	.0000277	.11075	.0001660	.0015348	.0030226	.2101
%RSD	.6995982	.4162764	.3115993	.0885517	.4794781	1.518095	.1147748
#1	.0091029	.0066674	35.62871	.1876609	.3184122	.2022619	183.2662
#2	.0091308	.0066225	35.58305	.1874519	.3204635	.1962374	183.0748
#3	.0090095	.0066730	35.41817	.1873330	.3214154	.1988172	182.8465

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.76207	9.356560	.1266190	.0055672	.3015742	.3341237	1.064281
Stddev	.17560	.022367	.0005686	.0000628	.2660745	.0019616	.006736
%RSD	.6816052	.2390569	.4490916	1.127499	88.22854	.5870949	.6329420
#1	25.91561	9.347291	.1266472	.0055297	.0733467	.3363788	1.071655
#2	25.57061	9.382072	.1260368	.0055321	.2375593	.3328118	1.062738
#3	25.79998	9.340317	.1271731	.0056396	.5938166	.3331806	1.058451

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.501798	4.430928	.7742633	.0084517	4.902569	5.815583	.0086099
Stddev	.093010	.009769	.0016504	.0001788	.013991	.023766	.0004284
%RSD	1.430523	.2204810	.2131512	2.115216	.2853851	.4086647	4.975318
#1	6.571020	4.421728	.7750820	.0084673	4.903583	5.839111	.0086248
#2	6.538300	4.429876	.7753443	.0086221	4.888098	5.816051	.0081742
#3	6.396074	4.441181	.7723637	.0082656	4.916026	5.791586	.0090306

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1045-19 Acquired: 1/23/2025 21:10:11 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCQ14 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.368038	.0287234	.3112085
Stddev	.005880	.0009276	.0020657
%RSD	.4297956	3.229582	.6637550
#1	1.370564	.0296626	.3133916
#2	1.372233	.0286997	.3109491
#3	1.361317	.0278078	.3092848

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3759.006	75701.10	10700.67	2629.408	4132.066
Stddev	3.928	125.24	16.97	5.705	9.977
%RSD	.1044838	.1654451	.1586212	.2169754	.2414621
#1	3762.494	75614.30	10702.80	2628.097	4141.554
#2	3759.771	75844.68	10716.48	2635.655	4132.982
#3	3754.752	75644.33	10682.73	2624.473	4121.663

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1045-20 Acquired: 1/23/2025 21:14:25 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCQ15 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0761364	-.001774	2.121557	.0273936	.0171005	48.25167
Stddev	.0012101	.004441	.010340	.0011390	.0003349	.21815
%RSD	1.589363	250.3431	.4873577	4.157970	1.958662	.4521150
#1	.0758171	.001079	2.109758	.0287070	.0174528	48.29394
#2	.0751180	-.006891	2.129038	.0266763	.0167862	48.44559
#3	.0774741	.000490	2.125875	.0267977	.0170626	48.01547

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 34.29413	.0067357	.0125776	78.56284	.1350271	.1581155
Stddev	.36750	.0000952	.0001889	.32253	.0006992	.0005165
%RSD	1.071619	1.413878	1.501527	.4105363	.5178324	.3266876
#1	33.87223	.0066928	.0123603	78.45778	.1352730	.1578330
#2	34.54451	.0068449	.0126707	78.92480	.1355701	.1578019
#3	34.46567	.0066695	.0127019	78.30594	.1342381	.1587117

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3905129	130.9068	18.19984	15.74946	.1175272	.0036933
Stddev	.0043260	.5438	.06815	.07208	.0001989	.0005849
%RSD	1.107785	.4153837	.3744309	.4576349	.1692336	15.83643
#1	.3928642	131.0217	18.15735	15.76341	.1173787	.0037974
#2	.3931540	131.3840	18.27844	15.81354	.1177532	.0042192
#3	.3855204	130.3148	18.16373	15.67143	.1174498	.0030634

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.309925	.2332392	1.768705	6.351690	6.501684	.5597017
Stddev	.243826	.0007499	.010587	.098585	.026301	.0029935
%RSD	78.67257	.3215300	.5985760	1.552110	.4045312	.5348373
#1	-.263084	.2338291	1.757993	6.265487	6.471413	.5590223
#2	-.092918	.2334931	1.768960	6.459180	6.514689	.5629766
#3	-.573773	.2323952	1.779163	6.330403	6.518948	.5571064

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1045-20 Acquired: 1/23/2025 21:14:25 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCQ15 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0072128	F 12.18812	5.894473	.0090891	1.138387	.0246845
Stddev	.0000248	.04632	.011377	.0007808	.002764	.0009538
%RSD	.3433929	.3800454	.1930166	8.590547	.2427969	3.863814
#1	.0072282	12.13515	5.883562	.0098540	1.135336	.0246536
#2	.0072261	12.20817	5.893591	.0091202	1.140724	.0256534
#3	.0071843	12.22104	5.906265	.0082933	1.139103	.0237466

Elem	Sr4077
Units	ppm
Avg	.5285789
Stddev	.0015740
%RSD	.2977805
#1	.5281018
#2	.5303363
#3	.5272988

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3622.669	75641.70	10490.60	2575.313	4088.010
Stddev	11.617	322.06	22.20	9.044	14.757
%RSD	.3206667	.4257669	.2116389	.3511967	.3609852
#1	3633.689	75733.38	10513.16	2579.259	4102.340
#2	3623.781	75283.74	10468.77	2564.967	4088.830
#3	3610.536	75907.98	10489.87	2581.715	4072.860

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1045-21 Acquired: 1/23/2025 21:18:29 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCQ16 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1054102	-.001450	1.146328	.0433101	.0238415	78.36049	18.40785
Stddev	.0057227	.002166	.001383	.0007241	.0005571	.07461	.40005
%RSD	5.428989	149.3907	.1206209	1.671975	2.336502	.0952201	2.173254
#1	.1097407	.001049	1.144845	.0430532	.0232457	78.31502	18.86826
#2	.1075676	-.002608	1.146560	.0441276	.0239295	78.31984	18.14515
#3	.0989224	-.002790	1.147581	.0427493	.0243493	78.44660	18.21013

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0075798	.0055169	18.07510	.1865418	.1944470	.1731788	189.8522
Stddev	.0000801	.0001377	.03891	.0002290	.0006146	.0014968	.0786
%RSD	1.057463	2.496096	.2152805	.1227739	.3160587	.8643134	.0414034
#1	.0076498	.0054802	18.10037	.1867379	.1950469	.1740126	189.8191
#2	.0074924	.0054012	18.09464	.1865975	.1938188	.1740730	189.7955
#3	.0075973	.0056692	18.03029	.1862901	.1944752	.1714508	189.9419

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.71944	13.58124	.1203594	.0029797	.1194626	.3515410	.8985909
Stddev	.05477	.05110	.0002607	.0005867	.4185700	.0016879	.0049060
%RSD	.3992064	.3762751	.2165681	19.68945	350.3774	.4801430	.5459644
#1	13.76270	13.59381	.1205723	.0027786	-.358593	.3532023	.9013753
#2	13.73776	13.52502	.1200687	.0025200	.296862	.3515930	.9014712
#3	13.65786	13.62488	.1204373	.0036404	.420119	.3498277	.8929263

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.406128	3.643118	.7868202	.0097472	5.584037	5.255468	.0095634
Stddev	.008725	.024062	.0005764	.0002627	.006803	.024694	.0003764
%RSD	.1613822	.6604715	.0732537	2.694742	.1218376	.4698639	3.935895
#1	5.416111	3.625780	.7871590	.0094447	5.576213	5.278645	.0092372
#2	5.402308	3.632986	.7861547	.0099179	5.588565	5.258263	.0099753
#3	5.399964	3.670590	.7871469	.0098789	5.587332	5.229496	.0094778

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1045-21 Acquired: 1/23/2025 21:18:29 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCQ16 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.405915	.0440131	.2107732
Stddev	.004716	.0004605	.0007539
%RSD	.3354469	1.046327	.3576726
#1	1.408851	.0436051	.2109943
#2	1.408419	.0439218	.2113918
#3	1.400475	.0445125	.2099335

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3749.068	76463.34	10764.39	2670.330	4061.618
Stddev	4.681	134.14	32.92	16.307	6.351
%RSD	.1248591	.1754329	.3058498	.6106742	.1563604
#1	3748.495	76405.48	10745.13	2670.866	4061.712
#2	3754.009	76616.70	10802.41	2686.362	4067.921
#3	3744.700	76367.84	10745.64	2653.762	4055.220

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1045-22 Acquired: 1/23/2025 21:22:34 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCQ17 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0764763	-.009347	4.720051	.0221838	.0267220	20.78500
Stddev	.0026821	.002631	.004606	.0042358	.0017016	.12266
%RSD	3.507052	28.14314	.0975885	19.09413	6.367596	.5901581
#1	.0738631	-.012303	4.724489	.0197234	.0264227	20.77706
#2	.0763436	-.008473	4.715293	.0270748	.0285533	20.66650
#3	.0792222	-.007264	4.720371	.0197531	.0251899	20.91144

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 51.44378	.0034746	.0141004	F 802.6925	.2042423	.0522843
Stddev	.27373	.0001024	.0000812	2.9880	.0001578	.0002591
%RSD	.5320992	2.948095	.5758045	.3722411	.0772495	.4954968
#1	51.47358	.0035868	.0140139	803.9173	.2044038	.0525789
#2	51.15636	.0033862	.0141749	799.2867	.2040885	.0520921
#3	51.70139	.0034507	.0141124	804.8733	.2042347	.0521818

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1314032	160.7614	7.251412	335.2001	.0815036	.0011242
Stddev	.0018251	1.0202	.035683	2.1363	.0005793	.0003341
%RSD	1.388922	.6346007	.4920885	.6373307	.7107066	29.71748
#1	.1293951	160.8295	7.289131	335.4678	.0814203	.0014720
#2	.1318535	159.7089	7.218191	332.9425	.0821200	.0008057
#3	.1329610	161.7459	7.246914	337.1899	.0809705	.0010950

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3869934	.2122121	4.658519	2.364956	5.690626	.7649500
Stddev	.3471831	.0019426	.005189	.042143	.003748	.0041186
%RSD	89.71292	.9154207	.1113868	1.781985	.0658699	.5384167
#1	.1145496	.2119388	4.658694	2.345851	5.693432	.7651849
#2	.7779051	.2104206	4.663617	2.335750	5.692078	.7607190
#3	.2685256	.2142769	4.653244	2.413269	5.686369	.7689461

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1045-22 Acquired: 1/23/2025 21:22:34 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCQ17 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0064861	F 16.25202	4.729467	.0024317	.5263901	.0232407
Stddev	.0002058	.01641	.021936	.0009989	.0018455	.0011583
%RSD	3.172729	.1009617	.4638123	41.07920	.3506007	4.983756
#1	.0064325	16.26855	4.739775	.0020062	.5259472	.0227396
#2	.0067134	16.23574	4.744350	.0017160	.5284167	.0245651
#3	.0063124	16.25178	4.704275	.0035730	.5248063	.0224173

Elem	Sr4077
Units	ppm
Avg	.8321550
Stddev	.0048530
%RSD	.5831806
#1	.8366355
#2	.8270001
#3	.8328293

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3157.497	64374.10	9624.309	2229.969	3386.151
Stddev	.893	157.68	55.289	8.504	6.876
%RSD	.0282867	.2449415	.5744727	.3813691	.2030582
#1	3157.694	64438.78	9645.409	2239.132	3382.256
#2	3156.522	64489.16	9561.578	2222.329	3382.107
#3	3158.275	64194.37	9665.942	2228.445	3394.090

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1042-01 Acquired: 1/23/2025 21:26:47 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCPH6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0714840	-.003448	1.877251	.0280738	.0170761	57.17409	1.766739
Stddev	.0037424	.002717	.002085	.0006163	.0016609	.24498	.010803
%RSD	5.235319	78.79242	.1110474	2.195355	9.726512	.4284866	.6114492
#1	.0736749	-.001131	1.877140	.0284281	.0154683	57.44941	1.778958
#2	.0671628	-.002775	1.875225	.0273621	.0169747	57.09270	1.762799
#3	.0736144	-.006437	1.879389	.0284311	.0187855	56.98016	1.758458

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0057151	.0145065	144.0841	.1438869	.1649501	.2994046	155.1914
Stddev	.0000469	.0001422	.5857	.0006966	.0002852	.0034120	.6314
%RSD	.8210846	.9802147	.4065289	.4841278	.1729180	1.139596	.4068390
#1	.0057220	.0144578	144.7484	.1445761	.1646935	.3023791	155.9194
#2	.0056651	.0143951	143.8625	.1431831	.1652572	.2956800	154.8626
#3	.0057582	.0146666	143.6416	.1439016	.1648997	.3001549	154.7924

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.160433	61.66920	.1455209	.0019027	-.520776	.2192152	2.125924
Stddev	.045336	.17487	.0004299	.0001926	.023115	.0035276	.011430
%RSD	.5555580	.2835547	.2953866	10.12270	4.438537	1.609199	.5376362
#1	8.211530	61.87021	.1457785	.0017287	-.544257	.2216202	2.136263
#2	8.144745	61.55216	.1450247	.0018696	-.498046	.2208599	2.127858
#3	8.125025	61.58522	.1457596	.0021096	-.520025	.2151656	2.113650

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.592150	6.402619	.6664784	.0078255	6.470111	7.765079	.0250797
Stddev	.054745	.011489	.0029803	.0002531	.010518	.007028	.0004250
%RSD	.7210753	.1794493	.4471750	3.234227	.1625552	.0905071	1.694475
#1	7.655361	6.389398	.6698864	.0076402	6.466343	7.760808	.0255028
#2	7.559961	6.408268	.6643603	.0077225	6.461997	7.761239	.0250833
#3	7.561129	6.410190	.6651885	.0081139	6.481993	7.773191	.0246529

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1042-01 Acquired: 1/23/2025 21:26:47 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCPH6 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.282445	.0336512	.1178638
Stddev	.002701	.0012012	.0009536
%RSD	.2105753	3.569512	.8091033
#1	1.285166	.0348051	.1189649
#2	1.279765	.0337406	.1173191
#3	1.282405	.0324077	.1173072

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3664.311	74246.98	10676.75	2605.908	3935.388
Stddev	3.477	81.91	31.18	9.049	2.309
%RSD	.0948893	.1103195	.2920252	.3472322	.0586692
#1	3667.756	74161.09	10711.56	2596.369	3933.853
#2	3660.803	74255.65	10667.31	2606.985	3938.043
#3	3664.373	74324.22	10651.38	2614.370	3934.267

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1042-02 Acquired: 1/23/2025 21:30:43 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCPH7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0482527	-.005668	.4159988	.0022262	.0158509	9.774974
Stddev	.0004207	.000913	.0034433	.0026295	.0029883	.004890
%RSD	.8717969	16.11136	.8277288	118.1151	18.85254	.0500254
#1	.0480172	-.005735	.4123103	-.000756	.0173457	9.776908
#2	.0480025	-.004724	.4191287	.004213	.0124102	9.778600
#3	.0487383	-.006546	.4165575	.003222	.0177969	9.769412

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8705667	.0016651	.0054215	F 1773.746	.0815605	.0548036
Stddev	.0076974	.0000815	.0001717	24.395	.0005112	.0005221
%RSD	.8841843	4.894222	3.166716	1.375342	.6267634	.9527109
#1	.8651449	.0016508	.0055800	1776.551	.0810507	.0542327
#2	.8793770	.0015916	.0052391	1748.070	.0815578	.0549211
#3	.8671780	.0017528	.0054452	1796.618	.0820731	.0552569

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4038405	107.3228	4.406224	F 905.0109	.1230625	-.001765
Stddev	.0028204	.2980	.023726	.5255	.0005504	.000077
%RSD	.6983874	.2776491	.5384752	.0580667	.4472900	4.364684
#1	.4036777	107.3229	4.398390	905.1106	.1235334	-.001732
#2	.4067387	107.6208	4.432877	905.4795	.1231968	-.001854
#3	.4011051	107.0248	4.387405	904.4427	.1224573	-.001711

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F -1.73097	.0741468	.9079043	4.541448	3.682479	.4910964
Stddev	.09734	.0027898	.0052405	.030866	.013537	.0020378
%RSD	5.623203	3.762471	.5772104	.6796446	.3676112	.4149388
#1	-1.81323	.0770796	.9082372	4.535096	3.666914	.4912031
#2	-1.75616	.0738344	.9129705	4.574995	3.689015	.4930787
#3	-1.62351	.0715264	.9025053	4.514252	3.691508	.4890074

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1042-02 Acquired: 1/23/2025 21:30:43 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCPH7 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0011026	F 22.52843	2.947116	.0012259	.2294870	.0447151
Stddev	.0002583	.08146	.006841	.0010790	.0015533	.0009673
%RSD	23.42225	.3616019	.2321181	88.01827	.6768398	2.163154
#1	.0008107	22.43745	2.940351	.0008997	.2312501	.0452894
#2	.0013013	22.55324	2.954030	.0003476	.2283206	.0452576
#3	.0011960	22.59461	2.946969	.0024303	.2288902	.0435984

Elem	Sr4077
Units	ppm
Avg	.5679420
Stddev	.0045660
%RSD	.8039493
#1	.5662826
#2	.5731056
#3	.5644377

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2984.224	61764.49	9496.969	2118.052	3044.521
Stddev	9.697	99.16	43.523	5.448	7.058
%RSD	.3249414	.1605434	.4582797	.2572271	.2318201
#1	2985.360	61763.59	9471.344	2123.723	3046.158
#2	2993.304	61864.10	9547.221	2112.858	3050.617
#3	2974.010	61665.79	9472.341	2117.573	3036.789

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1042-03 Acquired: 1/23/2025 21:34:48 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCPH8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0510029	-.001635	.5556079	.0218724	.0209197	49.26600	1.321216
Stddev	.0008940	.000458	.0023728	.0030107	.0008912	.33905	.009483
%RSD	1.752903	28.01058	.4270573	13.76473	4.259907	.6881936	.7177337
#1	.0513003	-.001517	.5557865	.0195749	.0217974	49.37480	1.324929
#2	.0517104	-.001248	.5578863	.0207617	.0200157	48.88591	1.310438
#3	.0499981	-.002141	.5531509	.0252807	.0209460	49.53728	1.328281

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0042771	.0090055	191.9625	.1199868	.0998689	.2586796	116.7096
Stddev	.0000869	.0000929	1.0065	.0001022	.0001391	.0010474	.7893
%RSD	2.031435	1.031777	.5243119	.0851606	.1392617	.4048985	.6762718
#1	.0043574	.0089093	191.9800	.1200256	.0998172	.2594879	116.9608
#2	.0041849	.0090126	190.9475	.1198709	.0997631	.2590544	115.8253
#3	.0042891	.0090947	192.9602	.1200639	.1000265	.2574963	117.3428

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.689150	101.1350	.0973832	.0006854	-.421666	.1811937	8.533975
Stddev	.034448	.5336	.0003749	.0002947	.188695	.0016102	.091539
%RSD	.7346277	.5276052	.3850081	43.00120	44.74983	.8886767	1.072645
#1	4.695850	101.2842	.0969575	.0009056	-.279438	.1794306	8.560364
#2	4.651845	100.5427	.0976644	.0003506	-.635728	.1825865	8.432140
#3	4.719756	101.5781	.0975275	.0008002	-.349832	.1815639	8.609421

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.619909	3.720512	.4931629	.0038995	3.272358	7.434068	.0128823
Stddev	.066944	.005758	.0045559	.0004894	.005789	.016806	.0007587
%RSD	1.449025	.1547647	.9238173	12.55015	.1769196	.2260691	5.889854
#1	4.639707	3.720395	.4953818	.0044329	3.277367	7.433216	.0135361
#2	4.545299	3.726328	.4879226	.0034712	3.266019	7.451284	.0130605
#3	4.674720	3.714814	.4961843	.0037943	3.273687	7.417704	.0120503

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1042-03 Acquired: 1/23/2025 21:34:48 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCPH8 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.210509	.0279359	.1463791
Stddev	.004286	.0011201	.0011492
%RSD	.3540321	4.009652	.7851066
#1	1.206354	.0271825	.1466717
#2	1.214914	.0274021	.1451118
#3	1.210259	.0292231	.1473537

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3594.072	71869.80	10356.24	2518.550	3929.990
Stddev	8.133	361.08	29.64	14.646	3.322
%RSD	.2262943	.5024143	.2861694	.5815337	.0845382
#1	3599.443	71793.87	10380.57	2508.364	3930.952
#2	3598.058	72262.82	10323.23	2535.334	3932.725
#3	3584.714	71552.73	10364.92	2511.950	3926.293

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1042-04 Acquired: 1/23/2025 21:38:45 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCPH9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0491838	.0016577	.3605240	.0237188	.0139725	42.32327	1.108842
Stddev	.0011382	.0012459	.0010934	.0022215	.0011606	.16161	.007367
%RSD	2.314082	75.15685	.3032936	9.366066	8.306093	.3818425	.6643695
#1	.0481602	.0002704	.3595304	.0228057	.0127918	42.50748	1.116571
#2	.0504095	.0026812	.3603461	.0262514	.0140138	42.25698	1.101901
#3	.0489818	.0020216	.3616955	.0220993	.0151118	42.20534	1.108053

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0042829	.0033624	16.98703	.1100877	.1116737	.1122781	108.6511
Stddev	.0001175	.0000648	.06067	.0005951	.0005042	.0011429	.3464
%RSD	2.743912	1.926192	.3571530	.5405333	.4514553	1.017934	.3188157
#1	.0043716	.0033971	17.05148	.1105389	.1114473	.1127721	109.0346
#2	.0043274	.0032877	16.93103	.1103109	.1113224	.1130910	108.3608
#3	.0041496	.0034024	16.97859	.1094133	.1122514	.1109713	108.5580

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.157978	9.030432	.0765210	.0011367	-.178309	.1877633	.9439386
Stddev	.021074	.023695	.0001442	.0001090	.272296	.0026317	.0050388
%RSD	.5068283	.2623878	.1884544	9.587244	152.7104	1.401616	.5338082
#1	4.179836	9.057212	.0764951	.0011401	.041395	.1850247	.9490165
#2	4.137788	9.012188	.0766763	.0010261	-.093372	.1879922	.9389398
#3	4.156309	9.021895	.0763914	.0012440	-.482950	.1902732	.9438595

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.321382	3.850859	.4533115	.0061329	2.417686	7.515246	.0096806
Stddev	.103567	.015346	.0017876	.0003421	.006387	.026884	.0010758
%RSD	1.946243	.3984992	.3943467	5.577855	.2641893	.3577265	11.11292
#1	5.440807	3.850086	.4543342	.0059088	2.419356	7.485703	.0109202
#2	5.267093	3.835915	.4512473	.0059632	2.410629	7.538273	.0091304
#3	5.256246	3.866577	.4543529	.0065266	2.423071	7.521761	.0089912

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1042-04 Acquired: 1/23/2025 21:38:45 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCPH9 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.307239	.0199579	.0774340
Stddev	.004658	.0013534	.0005549
%RSD	.3563410	6.781224	.7166436
#1	1.305717	.0204220	.0780716
#2	1.312468	.0210182	.0770598
#3	1.303533	.0184335	.0771706

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3776.099	75818.15	10560.47	2639.481	4280.164
Stddev	10.475	60.93	73.21	1.878	14.807
%RSD	.2774111	.0803655	.6932190	.0711670	.3459438
#1	3787.187	75837.82	10631.16	2638.805	4290.043
#2	3774.743	75749.81	10484.98	2638.033	4287.309
#3	3766.368	75866.82	10565.24	2641.603	4263.139

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1042-05 Acquired: 1/23/2025 21:42:42 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCPH9D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0486231	.0000391	.3630454	.0233155	.0146768	41.53875	1.097284
Stddev	.0009740	.0021042	.0012301	.0031460	.0019111	.07171	.003031
%RSD	2.003140	5376.045	.3388219	13.49334	13.02157	.1726459	.2761901
#1	.0476832	-.001699	.3628556	.0196835	.0130637	41.50461	1.094389
#2	.0485582	.002379	.3619213	.0250682	.0167875	41.49049	1.097028
#3	.0496279	-.000562	.3643594	.0251948	.0141791	41.62116	1.100434

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0042417	.0032983	16.64376	.1087308	.1119682	.1044780	106.7201
Stddev	.0000895	.0000336	.01979	.0004503	.0003219	.0014744	.2541
%RSD	2.109827	1.018488	.1188810	.4141491	.2875235	1.411220	.2380964
#1	.0042428	.0032852	16.63603	.1088529	.1123182	.1044381	106.9208
#2	.0041517	.0032732	16.62901	.1082321	.1116847	.1059719	106.4344
#3	.0043307	.0033365	16.66625	.1091075	.1119017	.1030239	106.8051

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.096999	8.903491	.0770718	.0004988	-.005291	.1841921	.9427869
Stddev	.005468	.035844	.0003725	.0001903	.199999	.0004075	.0054766
%RSD	.1334741	.4025882	.4833477	38.15399	3779.788	.2212510	.5808984
#1	4.090856	8.866263	.0767260	.0003905	-.013160	.1846574	.9480316
#2	4.098803	8.906441	.0774663	.0007185	-.201240	.1838983	.9432244
#3	4.101337	8.937769	.0770231	.0003873	.198525	.1840208	.9371046

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.206689	3.875116	.4461429	.0057576	2.453475	7.528616	.0094147
Stddev	.022567	.013826	.0019894	.0000862	.005568	.004289	.0012851
%RSD	.4334243	.3567885	.4459029	1.496952	.2269568	.0569752	13.65030
#1	5.232017	3.889860	.4474398	.0056919	2.458663	7.533030	.0081377
#2	5.199329	3.873047	.4438525	.0058552	2.454171	7.528357	.0093986
#3	5.188721	3.862442	.4471365	.0057258	2.447591	7.524462	.0107079

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1042-05 Acquired: 1/23/2025 21:42:42 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCPH9D Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.308425	.0202390	.0764639
Stddev	.001622	.0003313	.0003838
%RSD	.1239527	1.636956	.5019055
#1	1.310264	.0206007	.0761027
#2	1.307812	.0201660	.0768668
#3	1.307199	.0199502	.0764222

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3766.404	77000.70	10593.06	2665.340	4248.494
Stddev	7.862	134.97	37.24	21.864	2.540
%RSD	.2087360	.1752904	.3515067	.8203208	.0597808
#1	3773.918	76845.14	10557.34	2641.953	4246.149
#2	3767.061	77070.08	10590.20	2668.797	4251.192
#3	3758.235	77086.87	10631.65	2685.270	4248.141

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1042-04LX5 Acquired: 1/23/2025 21:46:39 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCPH9L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0078127	-.000275	.0697788	.0073707	.0023798	8.261599	.2090902
Stddev	.0010614	.000523	.0005090	.0024573	.0010670	.039900	.0006656
%RSD	13.58530	190.5995	.7294925	33.33843	44.83769	.4829565	.3183386
#1	.0071614	-.000019	.0693606	.0054982	.0016411	8.287376	.2097642
#2	.0072393	.000072	.0703456	.0101531	.0036032	8.281780	.2090730
#3	.0090375	-.000877	.0696303	.0064606	.0018952	8.215640	.2084333

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0008879	.0005928	3.337531	.0223597	.0214758	.0208027	21.43602
Stddev	.0000427	.0000429	.001366	.0003026	.0000958	.0013744	.11809
%RSD	4.811209	7.236431	.0409163	1.353512	.4462887	6.606769	.5508742
#1	.0008914	.0005767	3.339045	.0221478	.0214312	.0201325	21.56065
#2	.0008435	.0006415	3.337156	.0222251	.0214104	.0223836	21.42159
#3	.0009288	.0005603	3.336392	.0227063	.0215858	.0198919	21.32581

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8205561	1.791700	.0145996	-.000277	-.499110	.0368355	.1839108
Stddev	.0004990	.002951	.0002347	.000197	.145338	.0014785	.0035772
%RSD	.0608170	.1647102	1.607646	71.07445	29.11951	4.013752	1.945051
#1	.8201797	1.790251	.0145546	-.000216	-.353315	.0356621	.1826080
#2	.8211222	1.789753	.0148536	-.000498	-.500027	.0363483	.1811676
#3	.8203665	1.795095	.0143907	-.000118	-.643988	.0384961	.1879567

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7461414	.7497434	.0882551	.0007783	.4663769	1.530209	.0022839
Stddev	.0664082	.0045674	.0008494	.0000787	.0026377	.003894	.0001354
%RSD	8.900217	.6091957	.9624492	10.10893	.5655843	.2544707	5.926560
#1	.7955912	.7485519	.0892263	.0006878	.4641097	1.525897	.0021292
#2	.6706613	.7458900	.0878877	.0008159	.4657491	1.533467	.0023804
#3	.7721717	.7547886	.0876511	.0008311	.4692719	1.531265	.0023422

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1042-04LX5 Acquired: 1/23/2025 21:46:39 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCPH9L Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2620119	-.000656	.0152204
Stddev	.0011736	.000582	.0000695
%RSD	.4479340	88.70545	.4564246
#1	.2607717	-.000659	.0152999
#2	.2631051	-.001236	.0151899
#3	.2621591	-.000072	.0151714

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3736.027	74685.16	10023.81	2625.026	4513.827
Stddev	3.602	241.22	18.75	6.202	4.512
%RSD	.0964011	.3229868	.1870732	.2362788	.0999697
#1	3732.125	74410.44	10033.15	2619.664	4511.060
#2	3739.224	74782.74	10036.06	2631.819	4519.034
#3	3736.734	74862.31	10002.22	2623.597	4511.386

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1042-06 Acquired: 1/23/2025 21:50:42 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCPH9S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1156744	.1041577	.3918107	.1827991	.1776055	43.54134	4.522156
Stddev	.0018523	.0018635	.0009136	.0015143	.0024633	.06929	.009390
%RSD	1.601302	1.789079	.2331661	.8283841	1.386946	.1591306	.2076468
#1	.1176615	.1024640	.3921627	.1810650	.1799002	43.60639	4.530179
#2	.1139955	.1061539	.3924959	.1834714	.1779136	43.46848	4.524461
#3	.1153664	.1038552	.3907735	.1838607	.1750026	43.54916	4.511828

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0988955	.1009476	16.21328	.5291521	1.083078	.5601582	105.4193
Stddev	.0002467	.0000625	.03785	.0019569	.001121	.0053011	.1043
%RSD	.2494022	.0619387	.2334213	.3698266	.1035368	.9463547	.0989532
#1	.0988254	.1010195	16.25608	.5313064	1.082168	.5603797	105.4343
#2	.0991696	.1009059	16.19953	.5274842	1.082736	.5653451	105.3083
#3	.0986914	.1009174	16.18424	.5286657	1.084331	.5547499	105.5153

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.813937	8.548320	1.057540	.0707342	-.525122	1.139247	1.755580
Stddev	.010157	.023259	.001410	.0003730	.322723	.005975	.003265
%RSD	.2109930	.2720901	.1333489	.5273188	61.45680	.5244895	.1859981
#1	4.824931	8.543164	1.055940	.0703052	-.391380	1.144944	1.753214
#2	4.811977	8.528072	1.058603	.0709819	-.290770	1.133027	1.759306
#3	4.804902	8.573725	1.058077	.0709155	-.893216	1.139769	1.754221

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.044813	3.755437	.4408005	.0050543	2.363137	7.210796	.0096742
Stddev	.024970	.009461	.0004929	.0000888	.007878	.023194	.0007029
%RSD	.4949716	.2519198	.1118161	1.757774	.3333781	.3216597	7.265286
#1	5.022966	3.758988	.4407250	.0049636	2.367258	7.210442	.0104710
#2	5.039439	3.744714	.4403496	.0050583	2.354053	7.234165	.0094093
#3	5.072032	3.762608	.4413267	.0051411	2.368100	7.187780	.0091423

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1042-06 Acquired: 1/23/2025 21:50:42 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCPH9S Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.245136	.0188984	.0733955
Stddev	.004560	.0005570	.0001981
%RSD	.3661949	2.947114	.2699769
#1	1.246052	.0188547	.0734456
#2	1.249168	.0194758	.0735638
#3	1.240188	.0183645	.0731771

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3785.274	75812.48	10507.05	2651.593	4285.825
Stddev	.549	185.70	8.45	5.096	6.764
%RSD	.0145094	.2449431	.0803848	.1921910	.1578231
#1	3785.906	75638.28	10499.15	2650.330	4293.431
#2	3784.909	76007.86	10515.95	2657.202	4283.560
#3	3785.007	75791.30	10506.03	2647.247	4280.484

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1042-07 Acquired: 1/23/2025 21:54:34 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCPJ0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0599135	-.006148	6.131408	.0147600	.0153726	30.20630	3.670968
Stddev	.0028216	.001699	.010943	.0036462	.0004117	.10242	.015819
%RSD	4.709443	27.63058	.1784734	24.70304	2.678163	.3390586	.4309189
#1	.0607862	-.007006	6.125530	.0179800	.0157693	30.11087	3.660551
#2	.0621957	-.007245	6.124660	.0154990	.0149474	30.19353	3.663183
#3	.0567587	-.004191	6.144034	.0108009	.0154011	30.31451	3.689171

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0037371	.0101645	735.4205	.0852409	.1203017	.2399431	123.5883
Stddev	.0001155	.0001401	4.2615	.0001540	.0003390	.0034975	.4389
%RSD	3.089859	1.378132	.5794696	.1806924	.2817492	1.457650	.3551658
#1	.0037286	.0103214	730.5432	.0850706	.1200263	.2375335	123.3391
#2	.0038565	.0100521	738.4243	.0852814	.1201987	.2439547	123.3308
#3	.0036260	.0101198	737.2941	.0853706	.1206803	.2383411	124.0952

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.902063	357.9730	.1209524	.0020587	-.882063	.1206198	1.158303
Stddev	.044250	1.3837	.0002081	.0001225	.021054	.0023762	.005095
%RSD	.4468793	.3865403	.1720814	5.950720	2.386852	1.969949	.4398251
#1	9.872032	357.1915	.1207819	.0021312	-.906372	.1233235	1.155362
#2	9.881277	357.1568	.1211844	.0021277	-.869629	.1188634	1.155362
#3	9.952879	359.5706	.1208910	.0019172	-.870190	.1196726	1.164186

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.967027	5.984720	.5497162	.0048041	9.996438	6.659147	.0071244
Stddev	.026649	.016673	.0010564	.0004725	.032799	.008357	.0012414
%RSD	.4466090	.2785863	.1921775	9.835186	.3281067	.1254977	17.42447
#1	5.936537	5.991257	.5488937	.0047483	10.00443	6.654654	.0067696
#2	5.978677	5.965769	.5493473	.0043619	9.96038	6.668790	.0085046
#3	5.985868	5.997133	.5509077	.0053019	10.02451	6.653998	.0060991

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1042-07 Acquired: 1/23/2025 21:54:34 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCPJ0 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7826524	.0306763	.2937835
Stddev	.0020378	.0006245	.0010779
%RSD	.2603654	2.035870	.3669015
#1	.7838915	.0299711	.2930989
#2	.7837650	.0311595	.2932256
#3	.7803005	.0308982	.2950260

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3364.142	67580.26	10164.76	2327.024	3468.883
Stddev	3.266	184.01	25.67	7.597	1.822
%RSD	.0970898	.2722828	.2525499	.3264878	.0525317
#1	3367.491	67698.91	10146.81	2326.943	3470.684
#2	3363.970	67673.58	10153.30	2334.662	3468.926
#3	3360.965	67368.29	10194.16	2319.468	3467.040

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1042-08 Acquired: 1/23/2025 21:58:39 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCPJ1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0583829	-.002228	.2838043	.0299282	.0136500	53.99826	1.953851
Stddev	.0018501	.002253	.0009569	.0017480	.0013886	.27169	.010395
%RSD	3.168925	101.1072	.3371563	5.840557	10.17297	.5031520	.5320331
#1	.0600867	-.004230	.2827087	.0312764	.0141960	53.69827	1.945408
#2	.0564149	.000212	.2842279	.0279532	.0146827	54.06874	1.965461
#3	.0586471	-.002667	.2844762	.0305548	.0120714	54.22778	1.950684

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0052364	.0047352	18.00237	.1153801	.0956379	.0641865	138.5840
Stddev	.0000972	.0000789	.08843	.0004228	.0002527	.0036494	.6886
%RSD	1.856207	1.666432	.4912306	.3664534	.2642445	5.685546	.4968676
#1	.0053262	.0048252	17.93225	.1149470	.0957756	.0668901	137.7942
#2	.0051332	.0047027	18.10172	.1157918	.0953463	.0600355	138.8996
#3	.0052497	.0046777	17.97315	.1154015	.0957919	.0656339	139.0582

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.100114	11.93854	.0938256	.0012644	-.309060	.2272884	.3477533
Stddev	.040114	.05616	.0004438	.0004186	.194004	.0018335	.0037988
%RSD	.4952302	.4703756	.4730121	33.10822	62.77242	.8066728	1.092392
#1	8.077160	11.88837	.0940307	.0007931	-.240006	.2252267	.3484240
#2	8.146433	11.99920	.0933163	.0015932	-.528144	.2287361	.3511721
#3	8.076749	11.92806	.0941298	.0014069	-.159030	.2279023	.3436638

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.933205	2.691607	.5759108	.0066329	1.725783	8.069658	.0072908
Stddev	.011034	.007037	.0038113	.0003434	.004047	.044995	.0002820
%RSD	.2805450	.2614250	.6617956	5.177611	.2345074	.5575763	3.868269
#1	3.934897	2.698773	.5715101	.0065080	1.729464	8.090668	.0075962
#2	3.943296	2.691339	.5780656	.0063694	1.721449	8.100305	.0072362
#3	3.921423	2.684708	.5781565	.0070213	1.726435	8.018002	.0070401

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1042-08 Acquired: 1/23/2025 21:58:39 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCPJ1 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.364629	.0359083	.1159187
Stddev	.006044	.0013171	.0006397
%RSD	.4428711	3.667937	.5518544
#1	1.367929	.0349492	.1154556
#2	1.368304	.0353657	.1166486
#3	1.357654	.0374101	.1156519

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3736.378	75909.55	10583.28	2656.745	4201.006
Stddev	7.565	142.72	49.19	15.664	6.166
%RSD	.2024688	.1880140	.4648105	.5896011	.1467812
#1	3742.935	75993.84	10532.59	2653.077	4202.364
#2	3738.098	75744.76	10586.42	2643.241	4206.379
#3	3728.101	75990.04	10630.82	2673.918	4194.273

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1042-09 Acquired: 1/23/2025 22:02:36 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCPJ2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0317850	-.002072	.3678916	.0207934	.0112373	37.46150
Stddev	.0023662	.001213	.0012398	.0071878	.0020750	.16054
%RSD	7.444398	58.53017	.3369914	34.56771	18.46548	.4285421
#1	.0297607	-.002923	.3689445	.0273117	.0129448	37.63024
#2	.0312078	-.002608	.3682051	.0130847	.0118393	37.31066
#3	.0343864	-.000683	.3665252	.0219839	.0089278	37.44360

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 21.84117	.0034835	.0061984	201.1128	.0845062	.0500201
Stddev	.11668	.0000466	.0000841	.4982	.0005414	.0002918
%RSD	.5342268	1.337974	1.357090	.2477098	.6406351	.5833483
#1	21.71769	.0035343	.0062904	201.4570	.0848144	.0497653
#2	21.85623	.0034427	.0061254	200.5415	.0848230	.0503384
#3	21.94959	.0034735	.0061794	201.3398	.0838811	.0499567

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0929959	92.33307	6.497291	96.92140	.0551854	.0011267
Stddev	.0019930	.26642	.016649	.33247	.0004920	.0002422
%RSD	2.143099	.2885420	.2562433	.3430350	.8915100	21.49739
#1	.0952537	92.60409	6.489926	97.24345	.0556340	.0010429
#2	.0922527	92.07150	6.485595	96.57940	.0546593	.0013997
#3	.0914813	92.32362	6.516352	96.94135	.0552629	.0009376

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.352545	.1614741	1.257392	2.967231	3.127168	.4010605
Stddev	.167548	.0022774	.003883	.024366	.013119	.0009423
%RSD	47.52508	1.410358	.3088459	.8211638	.4195010	.2349604
#1	-.340052	.1629213	1.257816	2.991733	3.124757	.4013671
#2	-.191594	.1626520	1.253314	2.966957	3.115423	.4000031
#3	-.525990	.1588490	1.261046	2.943003	3.141325	.4018114

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1042-09 Acquired: 1/23/2025 22:02:36 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCPJ2 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0052200	7.683613	6.507353	.0046936	.8836854	.0202072
Stddev	.0005251	.016426	.022478	.0003567	.0023329	.0003512
%RSD	10.05880	.2137833	.3454260	7.600654	.2639933	1.738082
#1	.0058107	7.674557	6.481700	.0050653	.8810052	.0202337
#2	.0048065	7.673707	6.523603	.0046616	.8852593	.0205444
#3	.0050427	7.702574	6.516756	.0043539	.8847919	.0198434

Elem	Sr4077
Units	ppm
Avg	.3225463
Stddev	.0009668
%RSD	.2997273
#1	.3228361
#2	.3214678
#3	.3233350

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3524.083	71710.61	10273.04	2483.982	3906.307
Stddev	7.136	136.30	70.06	3.459	6.611
%RSD	.2024807	.1900706	.6819314	.1392434	.1692414
#1	3525.446	71774.87	10324.61	2485.299	3901.741
#2	3530.440	71554.06	10193.28	2486.588	3913.888
#3	3516.365	71802.90	10301.24	2480.058	3903.292

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1042-10 Acquired: 1/23/2025 22:06:42 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCPJ3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0280913	-.001525	.4965524	.0169043	.0113031	30.69563	1.875191
Stddev	.0029335	.002951	.0013915	.0022779	.0014867	.14891	.003345
%RSD	10.44283	193.4593	.2802244	13.47549	13.15306	.4851227	.1783737
#1	.0247040	-.001608	.4949464	.0179495	.0127182	30.54466	1.872662
#2	.0297678	.001466	.4973967	.0142914	.0097538	30.84240	1.878984
#3	.0298021	-.004434	.4973141	.0184721	.0114373	30.69982	1.873928

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0031009	.0053954	22.60057	.0794641	.0341769	.4447264	84.94895
Stddev	.0000852	.0000735	.03515	.0002899	.0003373	.0053019	.37284
%RSD	2.747297	1.362579	.1555296	.3648824	.9869553	1.192183	.4388934
#1	.0031577	.0053158	22.56380	.0795315	.0338894	.4400902	84.54179
#2	.0031420	.0054608	22.60408	.0791464	.0345482	.4505072	85.27366
#3	.0030029	.0054095	22.63383	.0797144	.0340931	.4435818	85.03140

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.347947	3.941866	.0491291	.0008086	-.151685	.1442160	.8723234
Stddev	.011081	.035010	.0005617	.0005008	.303401	.0009159	.0028514
%RSD	.1745571	.8881701	1.143379	61.93706	200.0210	.6351178	.3268787
#1	6.335333	3.907389	.0494250	.0005581	-.416845	.1438299	.8690308
#2	6.356111	3.977387	.0484812	.0013852	.179187	.1452617	.8739653
#3	6.352396	3.940822	.0494810	.0004824	-.217396	.1435562	.8739740

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.133335	1.949598	.3601042	.0041233	1.681947	5.259565	.0091839
Stddev	.033315	.004022	.0021495	.0001534	.004070	.018795	.0002078
%RSD	1.561647	.2063230	.5969157	3.721442	.2419930	.3573544	2.262057
#1	2.117555	1.950188	.3578077	.0040119	1.684702	5.240419	.0093818
#2	2.171608	1.945313	.3620680	.0040597	1.683867	5.260288	.0092025
#3	2.110842	1.953293	.3604368	.0042983	1.677272	5.277989	.0089676

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1042-10 Acquired: 1/23/2025 22:06:42 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCPJ3 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8245838	.0150680	.0958025
Stddev	.0034430	.0015727	.0001812
%RSD	.4175383	10.43768	.1891035
#1	.8211427	.0132659	.0956792
#2	.8245801	.0157741	.0960105
#3	.8280286	.0161640	.0957179

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3789.408	76099.65	10604.80	2659.794	4361.288
Stddev	5.212	161.96	24.08	4.583	3.226
%RSD	.1375338	.2128203	.2271032	.1723240	.0739577
#1	3786.243	76270.93	10629.52	2664.735	4357.787
#2	3795.423	75949.00	10603.48	2655.682	4361.940
#3	3786.558	76079.03	10581.41	2658.964	4364.139

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1042-11 Acquired: 1/23/2025 22:10:41 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCPJ4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0424901	-.002006	.2269442	.0229685	.0105633	45.20034	2.570205
Stddev	.0019362	.001312	.0023366	.0014865	.0017303	.26884	.008516
%RSD	4.556774	65.40717	1.029609	6.471857	16.38009	.5947833	.3313234
#1	.0417445	-.003332	.2284295	.0224624	.0122070	45.48432	2.578808
#2	.0410376	-.000708	.2242509	.0246419	.0087578	44.94974	2.561780
#3	.0446882	-.001979	.2281523	.0218011	.0107251	45.16697	2.570026

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0038832	.0048102	31.52949	.0991610	.0601996	.0971431	106.6753
Stddev	.0000705	.0001076	.16231	.0005572	.0004574	.0021544	.6413
%RSD	1.814704	2.236229	.5147852	.5618848	.7598609	2.217805	.6011444
#1	.0038876	.0046882	31.69620	.0997970	.0598586	.0988023	107.3549
#2	.0038107	.0048511	31.37197	.0989269	.0600208	.0947082	106.0808
#3	.0039514	.0048914	31.52031	.0987591	.0607195	.0979187	106.5903

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.918321	9.285923	.0675792	.0009283	-.024156	.1921884	.4698216
Stddev	.024943	.041807	.0004771	.0004539	.239226	.0044658	.0018526
%RSD	.3605311	.4502222	.7059080	48.89732	990.3375	2.323657	.3943123
#1	6.943824	9.324089	.0677764	.0010556	-.240735	.1904644	.4706313
#2	6.893979	9.292441	.0670351	.0004243	.232624	.1888416	.4677020
#3	6.917160	9.241240	.0679260	.0013049	-.064357	.1972593	.4711315

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.427238	4.337026	.4507156	.0060054	4.265508	6.748381	.0066607
Stddev	.048443	.021266	.0033908	.0002823	.029505	.034967	.0005254
%RSD	.8925985	.4903330	.7523120	4.700453	.6917013	.5181502	7.888501
#1	5.476926	4.335909	.4541224	.0059707	4.254081	6.708194	.0072518
#2	5.380143	4.316341	.4473411	.0063035	4.243426	6.765099	.0064836
#3	5.424646	4.358828	.4506833	.0057421	4.299017	6.771851	.0062468

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1042-11 Acquired: 1/23/2025 22:10:41 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCPJ4 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.038444	.0219623	.1538173
Stddev	.003028	.0013533	.0003786
%RSD	.2915766	6.161865	.2461414
#1	1.034947	.0233812	.1541783
#2	1.040195	.0218197	.1534232
#3	1.040189	.0206860	.1538504

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3751.296	76969.46	10637.74	2670.298	4272.905
Stddev	5.331	370.36	39.69	22.679	14.709
%RSD	.1421105	.4811754	.3731487	.8493029	.3442393
#1	3756.324	76558.17	10666.73	2645.037	4277.119
#2	3751.859	77073.66	10592.50	2676.952	4285.048
#3	3745.707	77276.56	10654.00	2688.906	4256.549

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1042-12 Acquired: 1/23/2025 22:14:39 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCPJ5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0517908	-.000893	.3719143	.0261257	.0146791	40.96300	16.65807
Stddev	.0009289	.002720	.0013741	.0031414	.0005405	.04329	.21774
%RSD	1.793508	304.5188	.3694635	12.02434	3.681988	.1056706	1.307141
#1	.0522176	.001973	.3734661	.0254900	.0143188	40.91414	16.42715
#2	.0524295	-.001214	.3714248	.0295363	.0153005	40.99655	16.68738
#3	.0507252	-.003438	.3708520	.0233507	.0144178	40.97832	16.85967

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0034550	.0042788	93.02483	.1173400	.0582402	.0974029	137.2698
Stddev	.0000495	.0000623	.15366	.0004203	.0002426	.0024628	.1096
%RSD	1.433978	1.456701	.1651866	.3582097	.4166144	2.528421	.0798337
#1	.0034955	.0042080	92.87898	.1168774	.0581514	.0945592	137.2285
#2	.0033997	.0043034	93.01025	.1174440	.0580545	.0988009	137.1868
#3	.0034698	.0043252	93.18527	.1176985	.0585148	.0988484	137.3940

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.731507	47.15021	.0577321	.0003125	-.044275	.2317194	.4850540
Stddev	.011087	.06838	.0006210	.0004206	.318991	.0009288	.0026272
%RSD	.2343141	.1450194	1.075605	134.6034	720.4722	.4008105	.5416309
#1	4.719879	47.09576	.0582403	-.000083	.209120	.2306593	.4831136
#2	4.732682	47.12792	.0579161	.000265	.060541	.2321094	.4880437
#3	4.741959	47.22695	.0570400	.000755	-.402487	.2323897	.4840047

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.124705	1.865547	.5707328	.0062518	5.323014	6.147612	.0069166
Stddev	.045815	.011256	.0005079	.0003949	.014199	.021282	.0009292
%RSD	2.156298	.6033857	.0889822	6.316045	.2667480	.3461795	13.43496
#1	2.176338	1.852938	.5702135	.0061311	5.308151	6.125607	.0058674
#2	2.088911	1.869122	.5712283	.0059314	5.336439	6.168088	.0072467
#3	2.108866	1.874583	.5707565	.0066929	5.324451	6.149140	.0076357

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1042-12 Acquired: 1/23/2025 22:14:39 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCPJ5 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.063025	.0145301	.2234699
Stddev	.002022	.0009617	.0001919
%RSD	.1901770	6.618563	.0858905
#1	1.062483	.0155616	.2232509
#2	1.065263	.0136583	.2236089
#3	1.061330	.0143704	.2235499

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3559.709	72574.95	10191.16	2510.491	4033.875
Stddev	10.569	59.36	8.45	8.492	8.277
%RSD	.2969167	.0817969	.0828893	.3382507	.2051937
#1	3571.912	72573.08	10192.68	2502.871	4043.346
#2	3553.750	72635.23	10182.05	2508.957	4030.254
#3	3553.463	72516.55	10198.74	2519.646	4028.026

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1042-13 Acquired: 1/23/2025 22:18:43 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCPJ6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0467122	-.000805	.2593437	.0289427	.0140520	40.03756	4.453198
Stddev	.0022368	.001860	.0005691	.0016095	.0006336	.71408	.099722
%RSD	4.788583	231.1146	.2194385	5.560902	4.508829	1.783533	2.239335
#1	.0473042	-.002192	.2599338	.0303612	.0135061	40.28634	4.481740
#2	.0485934	.001309	.2587982	.0271936	.0139030	40.59398	4.535537
#3	.0442388	-.001530	.2592993	.0292732	.0147467	39.23237	4.342317

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0029591	.0051389	67.41287	.1172736	.0462139	.1143239	135.4865
Stddev	.0000707	.0001471	1.36753	.0025046	.0005713	.0016556	2.5602
%RSD	2.388383	2.861628	2.028584	2.135667	1.236260	1.448147	1.889652
#1	.0030330	.0050079	67.92760	.1190166	.0455562	.1157191	136.3693
#2	.0029521	.0051109	68.44833	.1184008	.0464983	.1147580	137.4884
#3	.0028922	.0052979	65.86267	.1144036	.0465872	.1124945	132.6016

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.289021	31.73376	.0483549	.0013561	-.059190	.2396130	1.189040
Stddev	.094466	.58677	.0002241	.0003030	.298957	.0029447	.024060
%RSD	2.202513	1.849045	.4635027	22.34093	505.0765	1.228926	2.023510
#1	4.322141	31.88685	.0482853	.0010095	.274336	.2392797	1.196461
#2	4.362468	32.22881	.0486055	.0014881	-.148848	.2427101	1.208516
#3	4.182455	31.08562	.0481738	.0015707	-.303059	.2368491	1.162144

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.408822	1.733696	.5660198	.0064577	2.292063	6.497181	.0080854
Stddev	.034985	.011068	.0110860	.0003943	.018062	.073945	.0008462
%RSD	2.483245	.6383846	1.958587	6.105366	.7880152	1.138111	10.46559
#1	1.394395	1.721715	.5708565	.0067778	2.271312	6.462360	.0084771
#2	1.448713	1.735835	.5738657	.0060173	2.300625	6.582108	.0071144
#3	1.383359	1.743538	.5533373	.0065780	2.304251	6.447074	.0086649

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1042-13 Acquired: 1/23/2025 22:18:43 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCPJ6 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.074363	.0143796	.1016475
Stddev	.017583	.0014503	.0023086
%RSD	1.636589	10.08554	2.271223
#1	1.066947	.0143431	.1022715
#2	1.094438	.0158478	.1035800
#3	1.061702	.0129480	.0990910

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3720.008	73639.86	10437.18	2588.713	4283.865
Stddev	7.243	1306.46	82.13	43.768	11.672
%RSD	.1947050	1.774114	.7869209	1.690707	.2724564
#1	3727.072	72763.04	10470.33	2568.961	4297.240
#2	3720.354	73015.15	10343.65	2558.303	4278.616
#3	3712.598	75141.39	10497.55	2638.876	4275.739

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1042-14 Acquired: 1/23/2025 22:22:41 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCPJ7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0320046	-.006572	.2335859	.0626771	.0367886	30.61164
Stddev	.0018441	.002225	.0024082	.0033246	.0010079	.24993
%RSD	5.762158	33.86513	1.030970	5.304332	2.739608	.8164489
#1	.0299758	-.008677	.2312258	.0654464	.0369789	30.62991
#2	.0335792	-.006796	.2360395	.0635948	.0356991	30.85193
#3	.0324587	-.004243	.2334923	.0589900	.0376877	30.35307

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.222614	.0024003	.0112131	115.6268	.2564475	.0573464
Stddev	.046267	.0001637	.0001174	.7113	.0006445	.0006321
%RSD	.5016711	6.818278	1.046804	.6151441	.2513295	1.102205
#1	9.179305	.0024934	.0111815	115.6341	.2571833	.0568030
#2	9.217178	.0022114	.0111147	116.3344	.2561761	.0571960
#3	9.271359	.0024963	.0113430	114.9119	.2559830	.0580401

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3341213	347.9210	3.594639	30.42159	.1717662	.0004858
Stddev	.0019936	2.5332	.020598	.15743	.0003040	.0002632
%RSD	.5966802	.7280930	.5730061	.5175097	.1770099	54.19240
#1	.3364172	348.4783	3.596194	30.50958	.1718623	.0003914
#2	.3331187	350.1291	3.614415	30.51535	.1720105	.0007832
#3	.3328280	345.1555	3.573308	30.23983	.1714257	.0002827

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1451481	.1273126	4.820080	3.763914	9.319644	1.457022
Stddev	.2217164	.0014001	.030813	.064571	.028539	.014528
%RSD	152.7518	1.099768	.6392622	1.715534	.3062204	.9971300
#1	-.009827	.1258055	4.812798	3.820004	9.294045	1.460044
#2	.399116	.1275592	4.853882	3.778411	9.350415	1.469803
#3	.046156	.1285731	4.793561	3.693326	9.314471	1.441221

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1042-14 Acquired: 1/23/2025 22:22:41 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCPJ7 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0296397	F 10.84519	6.626812	.0451273	.7486947	.0231425
Stddev	.0006507	.01808	.019274	.0008503	.0012150	.0009857
%RSD	2.195193	.1667227	.2908433	1.884160	.1622783	4.259174
#1	.0289455	10.82435	6.617581	.0448502	.7475941	.0242770
#2	.0297380	10.85674	6.613889	.0460815	.7484915	.0226546
#3	.0302356	10.85448	6.648964	.0444501	.7499984	.0224960

Elem	Sr4077
Units	ppm
Avg	.2863223
Stddev	.0021226
%RSD	.7413403
#1	.2868204
#2	.2881515
#3	.2839949

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3587.145	73746.28	10493.37	2544.951	3986.946
Stddev	6.972	166.83	56.78	10.734	5.544
%RSD	.1943495	.2262266	.5410681	.4217900	.1390557
#1	3579.878	73853.84	10521.54	2553.002	3987.430
#2	3593.777	73554.09	10530.56	2532.764	3992.232
#3	3587.779	73830.91	10428.02	2549.088	3981.176

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: CCV007 Acquired: 1/23/2025 22:26:45 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV007 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.738413	4.702922	24.11886	4.691742	4.742521	387.8176
Stddev	.021770	.038893	.01324	.007880	.020602	2.3509
%RSD	.4594438	.8269908	.0548867	.1679613	.4344050	.6061810
#1	4.740960	4.743574	24.13414	4.688996	4.738933	385.8821
#2	4.715481	4.666067	24.11093	4.685602	4.723949	390.4337
#3	4.758797	4.699124	24.11150	4.700628	4.764681	387.1370

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.763878	.4880483	2.455820	387.8376	15.37359	2.431779
Stddev	.058391	.0037342	.002500	2.8548	.01543	.004174
%RSD	.5980279	.7651289	.1017795	.7360762	.1003427	.1716551
#1	9.792596	.4913100	2.458321	385.8716	15.37146	2.436425
#2	9.802348	.4888597	2.453322	386.5290	15.35934	2.428344
#3	9.696689	.4839751	2.455817	391.1121	15.38998	2.430568

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.39086	399.1445	14.62492	392.9408	2.433379	1.253083
Stddev	.05386	2.0779	.05303	1.6345	.000195	.000891
%RSD	.3742893	.5205961	.3625788	.4159755	.0080171	.0710901
#1	14.41832	397.3668	14.56619	391.4736	2.433507	1.253343
#2	14.42547	398.6378	14.63928	392.6461	2.433475	1.253814
#3	14.32880	401.4289	14.66929	394.7026	2.433154	1.252091

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	380.7877	2.435193	14.86222	146.0230	5.054097	F 5.823466
Stddev	2.6105	.005631	.09108	.7437	.004730	.023417
%RSD	.6855434	.2312536	.6128529	.5092842	.0935809	.4021084
#1	382.2935	2.441575	14.75710	145.4603	5.055014	5.843026
#2	382.2963	2.433078	14.91763	145.7427	5.058301	5.829853
#3	377.7734	2.430925	14.91194	146.8661	5.048976	5.797518

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: CCV007 Acquired: 1/23/2025 22:26:45 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV007 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.708233	4.938573	4.842161	4.964422	4.817646	4.765142
Stddev	.012526	.014690	.018192	.006224	.016905	.024293
%RSD	.2660347	.2974453	.3756909	.1253645	.3508915	.5097966
#1	4.710303	4.955183	4.847414	4.961319	4.833763	4.741266
#2	4.694802	4.927292	4.857148	4.971588	4.819123	4.764329
#3	4.719596	4.933244	4.821921	4.960361	4.800051	4.789831

Elem	Sr4077
Units	ppm
Avg	4.941767
Stddev	.025664
%RSD	.5193240
#1	4.925834
#2	4.928095
#3	4.971372

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2874.798	61011.11	9296.905	2123.821	3269.270
Stddev	5.551	147.19	59.357	7.329	7.059
%RSD	.1930779	.2412573	.6384612	.3450890	.2159151
#1	2871.710	61180.95	9260.641	2130.256	3261.222
#2	2881.206	60920.47	9264.669	2115.843	3272.178
#3	2871.479	60931.92	9365.406	2125.363	3274.411

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: CCB007 Acquired: 1/23/2025 22:31:03 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB007 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001587	.0003456	-.000986	.0017948	.0004093	-.000394	-.000894
Stddev	.002231	.0003124	.000792	.0021111	.0014312	.005707	.000676
%RSD	140.6427	90.39166	80.34822	117.6212	349.6600	1448.316	75.54285
#1	.000889	.0001845	-.001046	.0021436	-.001239	.003626	-.000158
#2	-.003444	.0007057	-.001747	.0037098	.001333	.002117	-.001041
#3	-.002204	.0001467	-.000166	-.000469	.001134	-.006926	-.001485

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000802	.0000320	.0132341	.0006413	-.000222	.0003247	.0110855
Stddev	.0000213	.0000402	.0004579	.0002984	.000143	.0017425	.0041493
%RSD	26.49477	125.3423	3.460294	46.53133	64.20754	536.6756	37.43011
#1	.0001006	.0000112	.0133914	.0003206	-.000058	.0014337	.0119788
#2	.0000818	.0000066	.0135926	.0009108	-.000301	-.001684	.0147154
#3	.0000582	.0000783	.0127182	.0006924	-.000308	.001224	.0065623

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003823	.0195031	.0001201	-.000397	-.235363	.0010717	-.000477
Stddev	.0001892	.0062251	.0000743	.000449	.498824	.0018074	.001539
%RSD	49.48267	31.91826	61.88510	113.0690	211.9384	168.6551	322.6367
#1	.0003662	.0236007	.0001936	-.000429	-.404390	.0011857	.001276
#2	.0005790	.0123398	.0001216	-.000830	.326013	-.000790	-.001608
#3	.0002017	.0225689	.0000450	.000067	-.627711	.002819	-.001099

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.223826	.0030479	.0031324	-.000108	.0012774	.0049288	-.000408
Stddev	.049448	.0004326	.0005299	.000241	.0007147	.0010127	.000754
%RSD	22.09211	14.19154	16.91604	222.3499	55.94415	20.54697	184.7129
#1	-.253620	.0028397	.0036380	-.000266	.0008858	.0044988	.000257
#2	-.251111	.0027588	.0031780	-.000228	.0021023	.0060856	-.001227
#3	-.166747	.0035452	.0025812	.000169	.0008442	.0042021	-.000254

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: CCB007 Acquired: 1/23/2025 22:31:03 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB007 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0010540	-.005549	.0001203
Stddev	.0003313	.000871	.0000645
%RSD	31.43009	15.69253	53.61156
#1	.0010056	-.006169	.0000463
#2	.0007496	-.004553	.0001505
#3	.0014068	-.005924	.0001642

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3659.818	72699.14	9752.509	2569.889	4547.163
Stddev	4.919	243.42	32.821	12.428	9.062
%RSD	.1344103	.3348252	.3365418	.4836137	.1992942
#1	3658.665	72418.59	9730.275	2556.426	4544.211
#2	3655.578	72854.29	9790.205	2580.924	4539.945
#3	3665.211	72824.54	9737.046	2572.319	4557.333

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1042-15 Acquired: 1/23/2025 22:35:12 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCPJ8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0454187	.0003406	.2938132	.0261415	.0139534	49.20931	3.107273
Stddev	.0027241	.0022091	.0026485	.0012041	.0009068	.31897	.034350
%RSD	5.997862	648.6171	.9014264	4.606091	6.498798	.6481879	1.105476
#1	.0431009	.0016174	.2915964	.0247805	.0130315	49.47756	3.140080
#2	.0447359	.0016146	.2930970	.0265762	.0139846	48.85662	3.071564
#3	.0484193	-.002210	.2967461	.0270680	.0148443	49.29376	3.110174

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0053299	.0057022	28.58967	.0997269	.0917516	.0799498	117.9980
Stddev	.0000873	.0000456	.22303	.0006917	.0002847	.0020090	.6390
%RSD	1.637868	.7996316	.7801009	.6936225	.3102649	2.512777	.5415155
#1	.0052413	.0056943	28.76688	.1001143	.0914311	.0788834	118.4930
#2	.0053326	.0056611	28.33924	.0989282	.0918489	.0786989	117.2766
#3	.0054159	.0057512	28.66290	.1001381	.0919749	.0822671	118.2242

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.42267	10.83899	.0948254	.0016400	-.180612	.2082638	.4683306
Stddev	.09269	.05432	.0001614	.0002270	.174452	.0016641	.0054099
%RSD	.8893464	.5011522	.1702064	13.84377	96.58930	.7990293	1.155142
#1	10.51089	10.88023	.0947078	.0014114	-.376558	.2101658	.4692941
#2	10.32607	10.77744	.0947589	.0016433	-.123105	.2075493	.4625037
#3	10.43107	10.85929	.0950094	.0018654	-.042174	.2070763	.4731940

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.911408	4.144894	.4973518	.0069721	2.836524	5.095113	.0079638
Stddev	.092323	.011008	.0033292	.0004055	.001387	.001064	.0008392
%RSD	1.561773	.2655920	.6693932	5.816121	.0488897	.0208780	10.53782
#1	5.923350	4.145443	.5008074	.0069908	2.837925	5.094087	.0085497
#2	5.813695	4.133621	.4941653	.0073680	2.836495	5.096211	.0083393
#3	5.997178	4.155618	.4970826	.0065576	2.835152	5.095043	.0070024

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1042-15 Acquired: 1/23/2025 22:35:12 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCPJ8 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.265742	.0328331	.1517399
Stddev	.003176	.0004624	.0018321
%RSD	.2509538	1.408409	1.207417
#1	1.266975	.0329472	.1533738
#2	1.262134	.0323243	.1497591
#3	1.268117	.0332278	.1520869

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3769.183	75645.40	10547.60	2652.971	4260.311
Stddev	.795	232.73	55.44	5.309	1.712
%RSD	.0210916	.3076612	.5255718	.2001266	.0401925
#1	3769.978	75417.69	10593.62	2649.769	4262.279
#2	3768.388	75882.85	10486.06	2659.100	4259.494
#3	3769.184	75635.65	10563.13	2650.045	4259.161

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1042-16 Acquired: 1/23/2025 22:39:08 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCPJ9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0822251	-.000684	.9333104	.0324716	.0167716	62.39942	2.126968
Stddev	.0016542	.001093	.0059315	.0019883	.0009460	.17894	.005732
%RSD	2.011846	159.6896	.6355358	6.123323	5.640490	.2867680	.2694990
#1	.0828222	-.001249	.9290574	.0314138	.0171450	62.25466	2.121249
#2	.0834980	-.001380	.9307875	.0312358	.0156959	62.59949	2.132713
#3	.0803553	.000575	.9400863	.0347652	.0174739	62.34411	2.126943

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0096134	.0073283	30.69229	.1486860	.1544469	.1326295	180.0488
Stddev	.0001347	.0000725	.08460	.0004844	.0002038	.0017381	.2515
%RSD	1.400869	.9890075	.2756260	.3257906	.1319396	1.310527	.1396874
#1	.0097476	.0073950	30.60376	.1485616	.1546607	.1344572	179.8841
#2	.0096144	.0072512	30.70081	.1482758	.1544249	.1309974	180.3383
#3	.0094782	.0073388	30.77230	.1492204	.1542550	.1324340	179.9238

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.34748	16.32173	.1892257	.0029653	-.223598	.2893152	.9788713
Stddev	.02220	.02982	.0003809	.0001373	.417141	.0013095	.0054663
%RSD	.1446787	.1827248	.2012843	4.628459	186.5585	.4526227	.5584308
#1	15.32233	16.32531	.1892876	.0028069	-.066929	.2908250	.9730109
#2	15.36438	16.34960	.1888176	.0030392	-.696391	.2886335	.9797712
#3	15.35572	16.29028	.1895718	.0030496	.092526	.2884872	.9838318

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.310804	4.828143	.7502901	.0039859	2.002296	8.247174	.0090467
Stddev	.076563	.009333	.0020032	.0001920	.004471	.018792	.0004240
%RSD	1.047257	.1933049	.2669950	4.817173	.2232877	.2278593	4.686390
#1	7.299058	4.818473	.7496629	.0041613	1.999379	8.254727	.0088861
#2	7.392561	4.828858	.7525319	.0040157	2.007443	8.225781	.0087265
#3	7.240793	4.837098	.7486755	.0037807	2.000065	8.261014	.0095275

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1042-16 Acquired: 1/23/2025 22:39:08 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCPJ9 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.170193	.0247574	.0558808
Stddev	.001299	.0015619	.0001905
%RSD	.1109841	6.308798	.3409236
#1	1.171686	.0255816	.0557347
#2	1.169571	.0229561	.0560963
#3	1.169323	.0257346	.0558115

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4171.563	84007.24	11901.86	2952.255	4058.891
Stddev	6.900	55.89	38.21	8.546	7.770
%RSD	.1654053	.0665290	.3210051	.2894747	.1914346
#1	4176.071	83964.43	11858.54	2962.047	4067.635
#2	4163.619	83986.81	11930.74	2948.419	4052.778
#3	4174.998	84070.47	11916.29	2946.299	4056.260

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1042-17 Acquired: 1/23/2025 22:43:05 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCPK0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0784999	-.001211	.6103845	.0333068	.0166667	53.86433	2.562815
Stddev	.0018761	.000145	.0026007	.0031488	.0013644	.31990	.014955
%RSD	2.389979	11.95342	.4260775	9.454003	8.186533	.5939033	.5835385
#1	.0769147	-.001089	.6120145	.0313473	.0177498	53.96274	2.570711
#2	.0780139	-.001371	.6073852	.0316342	.0171161	54.12347	2.572166
#3	.0805713	-.001173	.6117538	.0369390	.0151343	53.50679	2.545567

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0078762	.0065647	24.57730	.1864955	.1417939	.1059931	171.8662
Stddev	.0000670	.0000364	.12852	.0001729	.0002435	.0025849	.8518
%RSD	.8499760	.5546645	.5229073	.0927085	.1717264	2.438769	.4956232
#1	.0078629	.0065238	24.64338	.1866875	.1416130	.1032163	172.2167
#2	.0078169	.0065766	24.65933	.1863521	.1420708	.1064335	172.4869
#3	.0079488	.0065936	24.42919	.1864469	.1416980	.1083296	170.8951

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.42226	15.53125	.1359668	.0017436	-.133831	.3090699	1.256162
Stddev	.03775	.08323	.0005596	.0002958	.149996	.0022496	.008736
%RSD	.3621822	.5358648	.4116061	16.96612	112.0781	.7278484	.6954400
#1	10.45076	15.59366	.1356253	.0018096	-.166905	.3075480	1.253724
#2	10.43657	15.56333	.1366127	.0020009	.029941	.3116538	1.248903
#3	10.37945	15.43676	.1356625	.0014204	-.264530	.3080078	1.265857

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.261616	2.163201	.7097532	.0048644	1.052766	8.976143	.0088135
Stddev	.062188	.005571	.0041818	.0000615	.007531	.003088	.0008545
%RSD	1.906670	.2575176	.5891909	1.263444	.7153673	.0343982	9.695587
#1	3.263813	2.157845	.7117891	.0047934	1.051382	8.976744	.0097810
#2	3.322676	2.168964	.7125272	.0049003	1.060893	8.978887	.0084971
#3	3.198358	2.162793	.7049433	.0048994	1.046022	8.972800	.0081622

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1042-17 Acquired: 1/23/2025 22:43:05 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCPK0 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.147777	.0164251	.0449788
Stddev	.000900	.0006291	.0001475
%RSD	.0784441	3.829880	.3279522
#1	1.147227	.0169186	.0450277
#2	1.147287	.0157168	.0450956
#3	1.148816	.0166401	.0448130

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4048.635	81684.64	11370.01	2874.818	4200.160
Stddev	3.243	305.56	35.30	10.260	5.292
%RSD	.0800992	.3740779	.3104859	.3568790	.1259946
#1	4046.438	81340.14	11347.82	2867.499	4197.828
#2	4052.359	81790.85	11410.71	2886.545	4206.217
#3	4047.107	81922.93	11351.48	2870.410	4196.434

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1042-18 Acquired: 1/23/2025 22:47:01 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCPK1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0810919	-.000453	.6892599	.0339276	.0172525	59.39015	2.306606
Stddev	.0029430	.001615	.0013844	.0028999	.0013838	.42333	.020572
%RSD	3.629193	356.5438	.2008515	8.547209	8.020648	.7127879	.8918787
#1	.0786974	-.001360	.6907288	.0324065	.0184617	59.80520	2.327090
#2	.0843775	.001412	.6890717	.0321047	.0175526	58.95901	2.285947
#3	.0802008	-.001411	.6879793	.0372715	.0157434	59.40624	2.306781

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0073640	.0058801	24.99518	.2058367	.1713920	.1078236	178.8501
Stddev	.0000868	.0001097	.13719	.0006504	.0002049	.0013374	1.1211
%RSD	1.179406	1.864871	.5488497	.3159958	.1195795	1.240361	.6268438
#1	.0072655	.0058194	25.14104	.2053553	.1712609	.1090687	179.9868
#2	.0074297	.0058142	24.86874	.2065766	.1712869	.1064099	177.7452
#3	.0073967	.0060067	24.97578	.2055780	.1716282	.1079924	178.8181

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.99052	15.82218	.1092123	.0018834	-.225997	.3403978	1.551765
Stddev	.08054	.06446	.0007912	.0003518	.241709	.0019983	.018437
%RSD	.6717296	.4073720	.7244616	18.68013	106.9522	.5870423	1.188122
#1	12.07305	15.87207	.1083191	.0022785	-.135350	.3391543	1.572759
#2	11.91212	15.74941	.1098253	.0016042	-.042715	.3427028	1.538208
#3	11.98640	15.84507	.1094925	.0017674	-.499927	.3393362	1.544329

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.229170	3.554885	.7404720	.0073041	1.838442	8.238251	.0077586
Stddev	.063106	.005292	.0056546	.0001493	.005141	.009216	.0004756
%RSD	1.492150	.1488514	.7636483	2.043585	.2796219	.1118678	6.130268
#1	4.261706	3.550790	.7465977	.0071471	1.833001	8.244213	.0075927
#2	4.156436	3.560860	.7354519	.0073212	1.843217	8.227636	.0082950
#3	4.269368	3.553006	.7393663	.0074442	1.839107	8.242904	.0073882

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1042-18 Acquired: 1/23/2025 22:47:01 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCPK1 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.131719	.0212297	.0526389
Stddev	.002431	.0003256	.0005657
%RSD	.2147747	1.533778	1.074746
#1	1.134524	.0213833	.0532638
#2	1.130228	.0208557	.0521617
#3	1.130405	.0214501	.0524911

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3916.426	78285.07	10969.73	2763.798	4174.827
Stddev	3.210	141.35	73.40	17.701	1.484
%RSD	.0819617	.1805575	.6690726	.6404424	.0355416
#1	3913.529	78153.96	11019.88	2743.661	4174.357
#2	3919.877	78266.43	10885.49	2770.837	4176.489
#3	3915.872	78434.81	11003.82	2776.897	4173.635

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1042-19 Acquired: 1/23/2025 22:50:59 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCPK2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0795637	-.000342	.6980234	.0358089	.0161373	64.72431	1.987376
Stddev	.0035197	.000854	.0014157	.0012997	.0000913	.40548	.012237
%RSD	4.423738	249.3820	.2028153	3.629437	.5657092	.6264662	.6157404
#1	.0809906	-.000326	.6966465	.0366437	.0160862	64.29962	1.973262
#2	.0755546	-.001204	.6979488	.0343115	.0160831	64.76594	1.993855
#3	.0821459	.000503	.6994749	.0364715	.0162427	65.10736	1.995012

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0076586	.0064093	35.34513	.1714221	.1360751	.1250538	176.3078
Stddev	.0000703	.0001312	.23352	.0006148	.0002850	.0014245	1.0039
%RSD	.9183879	2.046953	.6606833	.3586279	.2094248	1.139150	.5694121
#1	.0077265	.0063183	35.09755	.1709500	.1359119	.1264292	175.2416
#2	.0076634	.0063500	35.37642	.1721173	.1359093	.1251476	176.4468
#3	.0075860	.0065597	35.56143	.1711989	.1364042	.1235847	177.2350

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.16959	16.17667	.1467554	.0021549	-.110583	.2892186	1.092068
Stddev	.05621	.09065	.0003417	.0003519	.222646	.0021351	.007178
%RSD	.5032441	.5603586	.2328516	16.32915	201.3389	.7382307	.6572612
#1	11.10534	16.07760	.1464512	.0017486	-.055067	.2914603	1.084180
#2	11.19377	16.19695	.1471252	.0023637	.079053	.2872091	1.098216
#3	11.20967	16.25546	.1466898	.0023524	-.355734	.2889863	1.093808

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.135407	3.482296	.7336592	.0047247	1.683061	7.546652	.0081303
Stddev	.054088	.008048	.0051156	.0002080	.002922	.034242	.0010780
%RSD	1.053233	.2311091	.6972727	4.402575	.1736212	.4537433	13.25851
#1	5.073915	3.474573	.7279962	.0049597	1.680090	7.553808	.0081204
#2	5.175615	3.481682	.7350358	.0045643	1.683161	7.576751	.0092131
#3	5.156690	3.490634	.7379457	.0046500	1.685932	7.509397	.0070573

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1042-19 Acquired: 1/23/2025 22:50:59 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCPK2 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.053935	.0252596	.0953730
Stddev	.001059	.0001004	.0003171
%RSD	.1004823	.3974891	.3324739
#1	1.052773	.0253326	.0950279
#2	1.054847	.0253012	.0956514
#3	1.054184	.0251451	.0954399

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3999.642	80887.12	11429.64	2859.469	4109.492
Stddev	3.994	346.86	32.87	7.060	2.501
%RSD	.0998608	.4288154	.2876249	.2468877	.0608598
#1	4004.210	81178.20	11394.55	2866.156	4111.729
#2	3996.806	80979.84	11459.73	2852.088	4106.792
#3	3997.910	80503.33	11434.65	2860.162	4109.957

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1042-20 Acquired: 1/23/2025 22:54:55 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCPK3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1137631	-.002293	1.069140	.0469318	.0225830	71.80857	4.543095
Stddev	.0015361	.001599	.002813	.0029090	.0025815	.15724	.024005
%RSD	1.350263	69.76142	.2630709	6.198422	11.43120	.2189644	.5283820
#1	.1154010	-.003253	1.067815	.0450912	.0250667	71.81858	4.569820
#2	.1135335	-.003178	1.067234	.0502855	.0227685	71.64658	4.536101
#3	.1123547	-.000446	1.072370	.0454186	.0199137	71.96057	4.523364

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0086666	.0108094	64.24504	.2447238	.2334109	.1395243	236.0306
Stddev	.0000920	.0000894	.22365	.0003772	.0007778	.0006790	.5617
%RSD	1.061911	.8274255	.3481138	.1541189	.3332097	.4866756	.2379623
#1	.0087721	.0108022	64.22561	.2447831	.2328541	.1391286	236.4450
#2	.0086030	.0107238	64.03174	.2450677	.2330790	.1391359	235.3914
#3	.0086247	.0109023	64.47777	.2443204	.2342995	.1403083	236.2555

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.97691	30.63539	.1589748	.0017211	.1182213	.4125882	2.893260
Stddev	.06191	.14033	.0002719	.0001611	.2138672	.0010319	.010143
%RSD	.4770934	.4580582	.1710138	9.357437	180.9040	.2500924	.3505784
#1	12.99532	30.70100	.1587113	.0015639	-.068610	.4123160	2.896654
#2	12.90788	30.47427	.1589587	.0017136	.071781	.4137288	2.881855
#3	13.02753	30.73089	.1592543	.0018858	.351493	.4117197	2.901271

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.542037	5.258648	.9809303	.0102221	3.010779	7.816096	.0154735
Stddev	.094596	.022651	.0042433	.0006861	.005564	.010381	.0005387
%RSD	1.706886	.4307307	.4325780	6.711472	.1848056	.1328191	3.481632
#1	5.640018	5.240650	.9842386	.0103568	3.006251	7.827170	.0157516
#2	5.451234	5.251212	.9761462	.0094787	3.016991	7.806585	.0148525
#3	5.534860	5.284081	.9824062	.0108308	3.009097	7.814532	.0158163

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1042-20 Acquired: 1/23/2025 22:54:55 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCPK3 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.204892	.0431332	.1373184
Stddev	.000441	.0003984	.0006520
%RSD	.0366037	.9237228	.4748176
#1	1.204878	.0435675	.1375707
#2	1.204458	.0430478	.1365779
#3	1.205340	.0427845	.1378065

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4091.673	81998.67	11744.45	2882.557	4036.543
Stddev	7.026	264.88	35.63	17.120	4.850
%RSD	.1717205	.3230237	.3034094	.5939299	.1201494
#1	4097.995	81710.06	11711.25	2862.818	4041.036
#2	4092.917	82230.65	11740.01	2893.373	4037.191
#3	4084.108	82055.29	11782.10	2891.479	4031.402

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1042-21 Acquired: 1/23/2025 22:58:59 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCPK4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0723782	-.003469	.7044410	.0303867	.0145952	48.76898	2.706295
Stddev	.0016943	.003195	.0052259	.0004676	.0007989	.09442	.008994
%RSD	2.340843	92.10018	.7418466	1.538934	5.473952	.1935969	.3323419
#1	.0704279	-.006594	.7093543	.0306894	.0150457	48.86355	2.715313
#2	.0734866	-.000208	.6989505	.0298481	.0136727	48.67472	2.697325
#3	.0732201	-.003607	.7050183	.0306227	.0150671	48.76867	2.706247

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0066937	.0068814	34.85791	.1645853	.1889554	.0984150	151.7517
Stddev	.0001314	.0001257	.07401	.0003101	.0008204	.0022145	.1939
%RSD	1.963524	1.827352	.2123300	.1883944	.4341631	2.250196	.1277592
#1	.0068448	.0069984	34.93732	.1647806	.1899019	.0999495	151.9649
#2	.0066299	.0068973	34.79085	.1647475	.1884493	.0994193	151.5859
#3	.0066063	.0067484	34.84555	.1642278	.1885149	.0958763	151.7045

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.14382	14.49471	.1073684	-.000310	.0602458	.2891451	1.708380
Stddev	.03428	.06317	.0008278	.000234	.4691474	.0004621	.011022
%RSD	.3075960	.4358452	.7709858	75.56594	778.7225	.1598111	.6451882
#1	11.17796	14.56108	.1082274	-.000489	-.100206	.2886814	1.716794
#2	11.10941	14.43531	.1065758	-.000397	-.307625	.2891484	1.695903
#3	11.14410	14.48774	.1073020	-.000045	.588568	.2896056	1.712444

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.470407	3.967857	.6240879	.0069873	2.117205	5.650681	.0088927
Stddev	.029785	.017458	.0018591	.0001056	.015000	.017061	.0008507
%RSD	.8582695	.4399761	.2978978	1.510652	.7084947	.3019254	9.566202
#1	3.496798	3.988012	.6261474	.0071010	2.131282	5.631053	.0079330
#2	3.438112	3.958130	.6225335	.0069682	2.101426	5.659035	.0091909
#3	3.476312	3.957430	.6235828	.0068925	2.118906	5.661955	.0095541

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1042-21 Acquired: 1/23/2025 22:58:59 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCPK4 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.035733	.0186448	.1048065
Stddev	.001903	.0003533	.0003130
%RSD	.1837384	1.894683	.2986674
#1	1.034542	.0186218	.1051174
#2	1.037928	.0190090	.1044914
#3	1.034730	.0183036	.1048109

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3859.313	79020.50	10643.40	2749.916	4159.130
Stddev	11.772	110.23	39.30	6.911	15.516
%RSD	.3050326	.1394946	.3692120	.2513015	.3730492
#1	3847.916	78898.96	10673.15	2744.554	4142.908
#2	3871.427	79114.00	10598.86	2757.715	4173.827
#3	3858.595	79048.53	10658.21	2747.480	4160.656

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1043-01 Acquired: 1/23/2025 23:02:57 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCPK5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0969345	-.001930	.9405980	.0397826	.0195895	64.96615	3.833769
Stddev	.0017393	.002532	.0036136	.0007768	.0031822	.09726	.016698
%RSD	1.794275	131.1919	.3841831	1.952621	16.24448	.1497141	.4355538
#1	.0949474	-.002876	.9366488	.0404499	.0208215	64.94514	3.815402
#2	.0981805	.000939	.9414060	.0399680	.0219715	65.07220	3.837873
#3	.0976755	-.003854	.9437392	.0389299	.0159755	64.88111	3.848033

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0078990	.0104068	38.07956	.2219308	.2690594	.1239752	194.4764
Stddev	.0001373	.0001033	.08373	.0003943	.0003952	.0016108	.3660
%RSD	1.738539	.9928459	.2198907	.1776729	.1468821	1.299274	.1881915
#1	.0079237	.0103822	38.02994	.2223514	.2692127	.1235282	194.3529
#2	.0077510	.0103180	38.17624	.2215696	.2686106	.1257623	194.8881
#3	.0080223	.0105202	38.03250	.2218713	.2693550	.1226352	194.1881

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.32226	24.10362	.1232275	.0025655	-.014505	.3793822	3.028110
Stddev	.01925	.08747	.0001017	.0005957	.222796	.0006850	.015136
%RSD	.1344006	.3628756	.0825055	23.22005	1535.996	.1805500	.4998520
#1	14.30016	24.17019	.1233191	.0021701	.193619	.3794320	3.027534
#2	14.33537	24.13611	.1232454	.0032507	.012396	.3800408	3.013270
#3	14.33125	24.00455	.1231181	.0022758	-.249530	.3786736	3.043525

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.343178	4.916153	.8087794	.0099347	2.880823	8.612462	.0103068
Stddev	.049359	.013984	.0020037	.0000602	.005686	.022930	.0007845
%RSD	.7781437	.2844520	.2477398	.6056000	.1973608	.2662401	7.611761
#1	6.286201	4.903469	.8080579	.0099263	2.876018	8.593497	.0096354
#2	6.372890	4.913840	.8110438	.0098792	2.879351	8.605944	.0111692
#3	6.370444	4.931149	.8072363	.0099986	2.887100	8.637946	.0101159

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1043-01 Acquired: 1/23/2025 23:02:57 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCPK5 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.314990	.0270189	.0763115
Stddev	.003542	.0006893	.0001956
%RSD	.2693260	2.551255	.2563239
#1	1.310961	.0265630	.0760857
#2	1.316396	.0266818	.0764236
#3	1.317613	.0278119	.0764253

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3855.762	77797.78	10885.94	2732.877	4097.418
Stddev	5.692	249.98	42.46	4.128	7.412
%RSD	.1476123	.3213198	.3900893	.1510631	.1809002
#1	3855.890	77576.21	10837.40	2728.574	4097.696
#2	3861.388	77748.35	10904.22	2736.805	4104.688
#3	3850.008	78068.79	10916.21	2733.251	4089.871

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1043-02 Acquired: 1/23/2025 23:06:52 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCPK6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0843201	.0007174	.7694905	.0330073	.0172789	62.74380	2.459803
Stddev	.0032256	.0008628	.0022975	.0023287	.0010955	.41830	.018089
%RSD	3.825435	120.2763	.2985717	7.055057	6.340132	.6666775	.7353796
#1	.0821592	.0009645	.7670208	.0338887	.0182364	63.06565	2.470593
#2	.0827734	-.000242	.7698863	.0347667	.0175162	62.89477	2.469897
#3	.0880279	.001430	.7715644	.0303666	.0160842	62.27097	2.438920

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0096539	.0077794	39.95651	.1548807	.1540310	.1430575	184.0577
Stddev	.0000607	.0000343	.31097	.0004663	.0004557	.0008550	1.2196
%RSD	.6290165	.4406212	.7782711	.3010461	.2958617	.5976252	.6626337
#1	.0097136	.0077959	40.22702	.1554038	.1544974	.1421936	184.9531
#2	.0096558	.0078022	40.02576	.1545089	.1540087	.1430755	184.5514
#3	.0095922	.0077400	39.61675	.1547294	.1535868	.1439032	182.6686

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.13089	22.01301	.1847256	.0028000	-.193008	.2976671	1.616016
Stddev	.09785	.10355	.0010337	.0003468	.044750	.0010122	.012655
%RSD	.6924482	.4703888	.5595573	12.38481	23.18532	.3400266	.7830848
#1	14.20135	22.12458	.1836154	.0029922	-.189557	.2978565	1.619096
#2	14.17215	21.99443	.1849012	.0030082	-.239383	.2965736	1.626846
#3	14.01917	21.92000	.1856603	.0023997	-.150084	.2985711	1.602105

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.953816	3.833858	.7670436	.0035850	1.641665	7.903108	.0089350
Stddev	.037568	.010371	.0061284	.0002956	.004039	.008325	.0009404
%RSD	.6309904	.2705091	.7989600	8.245403	.2460306	.1053334	10.52523
#1	5.965063	3.822314	.7717321	.0039258	1.637150	7.899381	.0094566
#2	5.984476	3.842389	.7692897	.0033988	1.644934	7.912645	.0094991
#3	5.911909	3.836870	.7601091	.0034303	1.642911	7.897298	.0078494

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1043-02 Acquired: 1/23/2025 23:06:52 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCPK6 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.019135	.0228676	.0596739
Stddev	.002379	.0010935	.0004843
%RSD	.2334428	4.781917	.8115930
#1	1.016465	.0219768	.0599805
#2	1.021032	.0240880	.0599257
#3	1.019907	.0225380	.0591156

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4140.153	83446.07	11823.39	2941.853	4079.037
Stddev	6.485	369.10	43.25	14.172	3.638
%RSD	.1566274	.4423269	.3657987	.4817417	.0891758
#1	4133.002	83092.16	11845.95	2936.678	4075.606
#2	4145.651	83417.35	11850.69	2930.995	4078.655
#3	4141.806	83828.69	11773.52	2957.885	4082.851

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1043-03 Acquired: 1/23/2025 23:10:49 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCPK7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0894771	-.001131	.5610761	.0343995	.0163032	70.97974	2.417998
Stddev	.0014064	.001107	.0019194	.0042636	.0006556	.26584	.014520
%RSD	1.571783	97.87910	.3420968	12.39433	4.021133	.3745257	.6004782
#1	.0910300	-.000219	.5631464	.0330169	.0162517	70.98193	2.418157
#2	.0891119	-.002363	.5593558	.0309987	.0169830	71.24448	2.432438
#3	.0882893	-.000811	.5607261	.0391828	.0156749	70.71282	2.403400

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0058985	.0048930	14.66288	.1849147	.1427132	.0798424	173.3352
Stddev	.0001037	.0000937	.06445	.0001401	.0008255	.0004790	.5526
%RSD	1.758619	1.914770	.4395394	.0757675	.5784201	.5999842	.3187800
#1	.0059017	.0049792	14.71261	.1850371	.1431780	.0801116	173.3275
#2	.0057932	.0047933	14.68597	.1849452	.1417601	.0801263	173.8916
#3	.0060006	.0049065	14.59007	.1847619	.1432014	.0792893	172.7865

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.789987	12.55456	.0945022	.0014644	.1663917	.3286832	.4796792
Stddev	.034064	.07510	.0002252	.0001657	.1226352	.0015673	.0009975
%RSD	.5016777	.5981652	.2383422	11.31441	73.70270	.4768492	.2079573
#1	6.802847	12.58876	.0942656	.0014457	.2439383	.3273523	.4807982
#2	6.815749	12.60647	.0947140	.0013089	.2302307	.3282866	.4788831
#3	6.751365	12.46845	.0945270	.0016387	.0250061	.3304107	.4793563

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.285186	2.128353	.7125191	.0079062	1.540206	8.473901	.0093037
Stddev	.018781	.006050	.0031501	.0002382	.008498	.009738	.0010794
%RSD	.5716971	.2842577	.4421080	3.013448	.5517210	.1149211	11.60173
#1	3.287218	2.131155	.7130178	.0081585	1.543519	8.481704	.0090079
#2	3.265472	2.121410	.7153901	.0078750	1.530551	8.462988	.0105001
#3	3.302869	2.132494	.7091494	.0076851	1.546548	8.477013	.0084030

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1043-03 Acquired: 1/23/2025 23:10:49 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCPK7 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.352036	.0366981	.0731345
Stddev	.003317	.0010240	.0002754
%RSD	.2452993	2.790222	.3766004
#1	1.348394	.0367503	.0731262
#2	1.352831	.0376950	.0734140
#3	1.354883	.0356491	.0728634

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3842.946	78193.81	10696.97	2708.907	4237.801
Stddev	6.750	129.75	26.39	9.847	9.656
%RSD	.1756495	.1659280	.2466940	.3635032	.2278506
#1	3835.976	78063.34	10685.15	2698.745	4226.695
#2	3843.411	78195.25	10727.21	2709.571	4242.499
#3	3849.452	78322.82	10678.57	2718.405	4244.208

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1043-04 Acquired: 1/23/2025 23:14:48 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCPK8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1288691	-.002144	.5888283	.0457031	.0210249	85.39140
Stddev	.0042838	.002714	.0042517	.0039453	.0008675	.68184
%RSD	3.324122	126.6232	.7220563	8.632492	4.125900	.7984935
#1	.1255017	-.003237	.5918880	.0442399	.0200237	84.75664
#2	.1274148	-.004141	.5839735	.0501710	.0214984	86.11217
#3	.1336906	.000947	.5906235	.0426984	.0215525	85.30539

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.367897	.0114356	.0097828	21.76038	.2750438	.1530312
Stddev	.011971	.0000914	.0002958	.14265	.0007335	.0012661
%RSD	.8751187	.7991396	3.023467	.6555490	.2666819	.8273344
#1	1.359796	.0113967	.0098321	21.61873	.2746488	.1530647
#2	1.381647	.0113701	.0094655	21.90400	.2758902	.1517487
#3	1.362248	.0115400	.0100508	21.75841	.2745925	.1542802

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1597659	234.7994	9.617016	15.59422	.2259899	-.000922
Stddev	.0015654	1.8065	.056114	.11032	.0014103	.000703
%RSD	.9798057	.7693941	.5834836	.7074503	.6240389	76.18415
#1	.1590839	232.9885	9.572779	15.47944	.2267950	-.001346
#2	.1615566	236.6015	9.680136	15.69947	.2243615	-.000111
#3	.1586572	234.8084	9.598134	15.60376	.2268132	-.001310

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5579102	.3730518	1.694665	6.008373	2.402755	.9576473
Stddev	.3836599	.0009976	.010880	.087912	.016076	.0102363
%RSD	68.76733	.2674246	.6420213	1.463151	.6690635	1.068901
#1	.1257986	.3720205	1.687491	5.929167	2.409974	.9472230
#2	.6893808	.3740119	1.707184	6.102960	2.384335	.9676846
#3	.8585510	.3731230	1.689320	5.992992	2.413957	.9580343

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1043-04 Acquired: 1/23/2025 23:14:48 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCPK8 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0031161	.5749766	F 11.09909	.0099704	1.037389	.0321215
Stddev	.0002649	.0114580	.01586	.0005223	.002456	.0004393
%RSD	8.501368	1.992781	.1428903	5.238038	.2367009	1.367623
#1	.0030194	.5809572	11.10525	.0101862	1.035117	.0322715
#2	.0034158	.5617657	11.08108	.0093748	1.039994	.0324661
#3	.0029132	.5822069	11.11095	.0103501	1.037055	.0316268

Elem	Sr4077
Units	ppm
Avg	.0747790
Stddev	.0004900
%RSD	.6552090
#1	.0744099
#2	.0753349
#3	.0745922

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4031.546	81033.15	11065.09	2842.473	4114.237
Stddev	9.990	75.28	67.04	12.655	17.291
%RSD	.2477935	.0928997	.6058698	.4452039	.4202730
#1	4028.608	81084.58	11021.13	2840.803	4109.178
#2	4042.675	81068.13	11142.25	2830.735	4133.494
#3	4023.354	80946.75	11031.89	2855.879	4100.040

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1043-05 Acquired: 1/23/2025 23:18:43 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCPK9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1143428	-.002385	.6660858	.0420701	.0239210	67.76745	1.377982
Stddev	.0014184	.000719	.0028456	.0028940	.0025341	.23287	.007213
%RSD	1.240459	30.15412	.4272068	6.878965	10.59367	.3436256	.5234564
#1	.1159426	-.001679	.6659297	.0399163	.0260274	67.49956	1.370024
#2	.1138468	-.003116	.6633214	.0409342	.0211088	67.92142	1.384089
#3	.1132391	-.002360	.6690061	.0453597	.0246268	67.88138	1.379834

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0054669	.0065217	13.47319	.2776518	.1079310	.0938347	227.2626
Stddev	.0001294	.0000708	.03282	.0004474	.0003179	.0032285	.8531
%RSD	2.366249	1.086008	.2436084	.1611259	.2944939	3.440593	.3754012
#1	.0055731	.0066014	13.43609	.2775756	.1082947	.0903359	226.5201
#2	.0055048	.0064660	13.49843	.2781323	.1077916	.0966985	228.1945
#3	.0053228	.0064976	13.48505	.2772474	.1077066	.0944695	227.0730

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.846656	9.626398	.1311486	.0020171	.1729688	.3596339	.9373721
Stddev	.025334	.044371	.0003707	.0001652	.1815626	.0028891	.0072145
%RSD	.3700182	.4609313	.2826698	8.187509	104.9685	.8033485	.7696520
#1	6.821341	9.613797	.1315493	.0020739	.0605997	.3570334	.9338553
#2	6.872009	9.675707	.1310788	.0021463	.0758729	.3627438	.9456706
#3	6.846619	9.589690	.1308177	.0018310	.3824337	.3591244	.9325904

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.510232	2.283630	.9373170	.0059675	1.216412	8.754683	.0103670
Stddev	.053666	.008274	.0052091	.0002948	.005056	.029918	.0011062
%RSD	1.528842	.3623368	.5557433	4.940696	.4156589	.3417326	10.67018
#1	3.449856	2.286975	.9320812	.0057759	1.213518	8.761147	.0116308
#2	3.552507	2.274207	.9424989	.0058197	1.213468	8.780840	.0095749
#3	3.528332	2.289709	.9373711	.0063070	1.222250	8.722061	.0098952

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1043-05 Acquired: 1/23/2025 23:18:43 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCPK9 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.432435	.0286891	.0554415
Stddev	.005341	.0018222	.0002984
%RSD	.3728703	6.351679	.5381540
#1	1.426702	.0272696	.0551009
#2	1.437270	.0280538	.0556563
#3	1.433334	.0307440	.0555675

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3729.634	76530.58	10648.65	2703.592	4103.102
Stddev	4.090	116.66	41.00	9.219	4.362
%RSD	.1096749	.1524364	.3850234	.3409847	.1063211
#1	3728.913	76437.46	10609.10	2703.120	4102.353
#2	3734.038	76492.84	10645.89	2694.618	4107.791
#3	3725.953	76661.44	10690.96	2713.038	4099.163

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1043-06 Acquired: 1/23/2025 23:22:41 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCPL0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0812549	-.000867	.5761335	.0311816	.0161036	51.93641	1.355702
Stddev	.0007192	.000321	.0026227	.0016415	.0014704	.17540	.004970
%RSD	.8851710	37.03071	.4552242	5.264180	9.131096	.3377204	.3665969
#1	.0814822	-.000793	.5789015	.0309489	.0146744	52.13778	1.361206
#2	.0804495	-.000589	.5736855	.0329270	.0176120	51.81691	1.354357
#3	.0818331	-.001218	.5758137	.0296689	.0160244	51.85456	1.351543

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0043433	.0044624	15.42890	.2398971	.0853006	.2925553	154.9497
Stddev	.0000245	.0000660	.06034	.0007770	.0000762	.0016256	.3461
%RSD	.5637384	1.479903	.3910752	.3238798	.0893518	.5556667	.2233850
#1	.0043617	.0044778	15.49670	.2407656	.0852899	.2910715	155.3457
#2	.0043155	.0043900	15.40891	.2396574	.0853816	.2942929	154.7045
#3	.0043526	.0045193	15.38109	.2392682	.0852302	.2923014	154.7990

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.412616	9.339717	.0746380	.0007310	1.214016	.2929681	.5035017
Stddev	.009379	.029890	.0001113	.0004139	.216625	.0026281	.0034037
%RSD	.1732735	.3200334	.1490639	56.62251	17.84365	.8970579	.6760053
#1	5.422963	9.307837	.0746899	.0002556	1.463208	.2911491	.5069864
#2	5.404674	9.367109	.0747138	.0010109	1.108227	.2959812	.5001852
#3	5.410211	9.344206	.0745103	.0009267	1.070612	.2917739	.5033336

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.488747	1.850934	.6405628	.0062866	3.247818	7.629749	.0075426
Stddev	.047240	.003607	.0013593	.0001237	.005301	.008117	.0011445
%RSD	1.898138	.1948661	.2122039	1.967622	.1632192	.1063867	15.17427
#1	2.435489	1.849207	.6420966	.0063076	3.253716	7.621284	.0079798
#2	2.505161	1.855079	.6400845	.0061538	3.243452	7.637466	.0062439
#3	2.525590	1.848514	.6395072	.0063985	3.246284	7.630496	.0084042

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1043-06 Acquired: 1/23/2025 23:22:41 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCPL0 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.240869	.0210749	.0561060
Stddev	.000370	.0011009	.0000888
%RSD	.0297939	5.223887	.1582576
#1	1.240503	.0211092	.0561038
#2	1.241242	.0221583	.0560184
#3	1.240863	.0199572	.0561959

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3768.300	76227.84	10482.47	2671.427	4254.286
Stddev	7.447	132.14	21.81	4.589	10.532
%RSD	.1976234	.1733535	.2080729	.1717891	.2475584
#1	3761.607	76103.91	10505.51	2666.131	4244.565
#2	3776.322	76212.71	10462.14	2673.904	4265.474
#3	3766.972	76366.90	10479.77	2674.245	4252.818

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1043-07 Acquired: 1/23/2025 23:26:38 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCPL1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1416746	-.006992	.8288841	.0233924	.0252040	39.28607
Stddev	.0011622	.001251	.0044265	.0064603	.0031175	.12853
%RSD	.8203107	17.88868	.5340358	27.61719	12.36916	.3271698
#1	.1423419	-.006681	.8324783	.0292745	.0233564	39.31576
#2	.1423492	-.008369	.8302342	.0164781	.0234522	39.14530
#3	.1403326	-.005926	.8239397	.0244245	.0288033	39.39717

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.49711	.0024784	.0151660	F 1257.212	.0968919	.0804014
Stddev	.18601	.0001519	.0001137	7.949	.0005309	.0003159
%RSD	1.283085	6.129813	.7499891	.6322612	.5478974	.3929205
#1	14.28328	.0026519	.0152892	1248.198	.0965976	.0807576
#2	14.62154	.0023694	.0151441	1263.219	.0965734	.0802917
#3	14.58651	.0024138	.0150649	1260.218	.0975048	.0801550

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2392921	207.3037	4.487126	720.9969	.1527917	-.001096
Stddev	.0020282	.5541	.021578	.4862	.0003361	.000463
%RSD	.8475687	.2672950	.4808805	.0674339	.2199870	42.22505
#1	.2369890	207.5307	4.487134	720.8841	.1528963	-.000918
#2	.2400759	206.6721	4.465545	720.5771	.1524157	-.001622
#3	.2408115	207.7083	4.508700	721.5296	.1530631	-.000749

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.673647	.2363133	2.630449	2.038109	2.590195	.8754954
Stddev	.461933	.0010700	.015593	.046128	.008226	.0039883
%RSD	68.57195	.4527866	.5928061	2.263260	.3175639	.4555493
#1	-.941495	.2362341	2.617879	2.074009	2.598931	.8784760
#2	-.939191	.2352852	2.625569	2.054236	2.589057	.8709648
#3	-.140254	.2374207	2.647899	1.986083	2.582598	.8770455

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1043-07 Acquired: 1/23/2025 23:26:38 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCPL1 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0028565	5.239326	7.110695	.0021232	.8995803	.0473437
Stddev	.0003350	.019008	.025846	.0011715	.0010007	.0004538
%RSD	11.72635	.3627863	.3634799	55.17540	.1112349	.9585521
#1	.0025586	5.255668	7.108353	.0009380	.9005837	.0474269
#2	.0032191	5.218467	7.137632	.0021513	.8985824	.0477502
#3	.0027919	5.243844	7.086099	.0032804	.8995749	.0468541

Elem	Sr4077
Units	ppm
Avg	.5534499
Stddev	.0035716
%RSD	.6453319
#1	.5543579
#2	.5495120
#3	.5564798

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3052.056	62235.17	9472.965	2142.174	3184.321
Stddev	2.053	135.16	66.148	8.395	4.189
%RSD	.0672653	.2171744	.6982781	.3918816	.1315396
#1	3052.145	62382.80	9503.522	2148.796	3180.466
#2	3049.960	62117.50	9397.063	2144.995	3183.718
#3	3054.063	62205.21	9518.310	2132.733	3188.778

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1043-08 Acquired: 1/23/2025 23:30:51 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCPL2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0706779	.0015558	.4318362	.0263542	.0145180	55.40715	1.457352
Stddev	.0018655	.0010236	.0020541	.0014004	.0008895	.18793	.010939
%RSD	2.639380	65.79560	.4756730	5.313937	6.126986	.3391801	.7506143
#1	.0698473	.0024877	.4318060	.0279652	.0151607	55.45313	1.462254
#2	.0693721	.0017195	.4339053	.0254270	.0148906	55.20050	1.444819
#3	.0728144	.0004602	.4297973	.0256705	.0135028	55.56783	1.464983

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0035802	.0036586	15.56208	.1547923	.0678647	.0536505	136.0576
Stddev	.0001140	.0000188	.04474	.0001341	.0002761	.0011978	.3216
%RSD	3.184953	.5148037	.2874925	.0866231	.4068656	2.232544	.2363512
#1	.0035863	.0036633	15.52548	.1547782	.0675588	.0544850	136.0885
#2	.0034632	.0036747	15.54881	.1546658	.0679397	.0541885	135.7216
#3	.0036910	.0036379	15.61196	.1549329	.0680956	.0522781	136.3626

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.726812	9.852745	.0638580	.0007510	-.270320	.2566859	.3530243
Stddev	.023411	.004002	.0003382	.0001136	.171618	.0023510	.0039039
%RSD	.6281794	.0406163	.5296350	15.11905	63.48687	.9158850	1.105850
#1	3.734544	9.853598	.0640457	.0007440	-.185149	.2545954	.3574014
#2	3.700512	9.856251	.0634676	.0006412	-.467864	.2562314	.3499022
#3	3.745378	9.848385	.0640607	.0008680	-.157947	.2592309	.3517694

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.185583	1.704188	.5629620	.0056488	1.192571	8.854323	.0151202
Stddev	.018307	.007429	.0008485	.0005655	.005852	.043018	.0005498
%RSD	.8376459	.4359430	.1507216	10.01023	.4907349	.4858451	3.636007
#1	2.164493	1.706137	.5630874	.0052351	1.198432	8.839720	.0145424
#2	2.197382	1.695978	.5620578	.0054182	1.186727	8.820506	.0151812
#3	2.194872	1.710448	.5637408	.0062931	1.192553	8.902741	.0156369

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1043-08 Acquired: 1/23/2025 23:30:51 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCPL2 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.201636	.0257124	.0633211
Stddev	.004532	.0006361	.0005546
%RSD	.3771175	2.474048	.8758444
#1	1.198619	.0257869	.0636263
#2	1.199442	.0250423	.0626810
#3	1.206847	.0263081	.0636561

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3731.625	75411.52	10449.76	2653.477	4240.508
Stddev	5.755	84.35	50.45	7.672	12.108
%RSD	.1542329	.1118530	.4828016	.2891222	.2855311
#1	3727.878	75506.86	10501.48	2650.993	4240.858
#2	3738.252	75346.60	10400.67	2662.083	4252.438
#3	3728.745	75381.09	10447.12	2647.355	4228.229

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1043-09 Acquired: 1/23/2025 23:34:48 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCPL2D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0730813	.0004849	.4402588	.0309104	.0134313	56.54918	1.500094
Stddev	.0029941	.0010428	.0014179	.0025626	.0009285	.04492	.000948
%RSD	4.096965	215.0722	.3220592	8.290349	6.913020	.0794357	.0631639
#1	.0746957	.0016890	.4403900	.0280217	.0131146	56.52847	1.499249
#2	.0749216	-.000127	.4416066	.0317993	.0127025	56.51835	1.499913
#3	.0696264	-.000107	.4387799	.0329102	.0144767	56.60072	1.501118

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0036235	.0037714	15.85000	.1558606	.0693992	.0573786	138.6853
Stddev	.0000865	.0000260	.00776	.0012684	.0001219	.0015067	.1607
%RSD	2.387673	.6894383	.0489327	.8138109	.1756048	2.625825	.1158532
#1	.0035352	.0037895	15.85569	.1573145	.0695018	.0585800	138.7861
#2	.0036272	.0037416	15.84117	.1549806	.0694315	.0556882	138.5000
#3	.0037081	.0037832	15.85316	.1552867	.0692645	.0578677	138.7697

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.828994	10.04152	.0655347	.0011350	-.247522	.2634749	.3564779
Stddev	.004651	.01592	.0003552	.0002216	.471716	.0022446	.0023662
%RSD	.1214675	.1585078	.5420367	19.52089	190.5756	.8519094	.6637776
#1	3.824360	10.05089	.0659158	.0012250	.107220	.2657335	.3566611
#2	3.828959	10.05053	.0652128	.0008826	-.782851	.2634465	.3587472
#3	3.833662	10.02314	.0654754	.0012974	-.066934	.2612447	.3540255

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.294887	1.756050	.5761573	.0055762	1.227202	9.048185	.0095957
Stddev	.023635	.009181	.0006670	.0003415	.002876	.011974	.0002688
%RSD	1.029905	.5228132	.1157588	6.124776	.2343713	.1323383	2.801139
#1	2.267622	1.762856	.5758306	.0051825	1.227731	9.053614	.0098917
#2	2.309571	1.759685	.5757167	.0057933	1.224098	9.056484	.0095283
#3	2.307467	1.745608	.5769246	.0057528	1.229777	9.034458	.0093670

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1043-09 Acquired: 1/23/2025 23:34:48 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCPL2D Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.224802	.0279619	.0651888
Stddev	.003019	.0013741	.0000787
%RSD	.2464799	4.914293	.1207325
#1	1.223338	.0264214	.0652118
#2	1.228274	.0284029	.0652534
#3	1.222794	.0290614	.0651011

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3667.415	74791.43	10421.65	2648.115	4160.429
Stddev	4.744	173.42	41.41	8.675	7.647
%RSD	.1293657	.2318720	.3973047	.3276062	.1838148
#1	3667.267	74680.61	10404.12	2648.297	4152.745
#2	3672.232	74702.39	10391.90	2639.350	4168.040
#3	3662.746	74991.28	10468.94	2656.698	4160.501

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1043-08LX5 Acquired: 1/23/2025 23:38:47 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCPL2L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0113639	.0001527	.0841760	.0075883	.0035855	10.56071	.2670996
Stddev	.0004319	.0007870	.0005253	.0016092	.0005213	.08211	.0010369
%RSD	3.800270	515.5371	.6240845	21.20702	14.53834	.7775388	.3882161
#1	.0112233	-.000482	.0847591	.0070194	.0037207	10.62636	.2682601
#2	.0110199	.001033	.0840291	.0094047	.0040259	10.46864	.2662642
#3	.0118486	-.000093	.0837397	.0063407	.0030100	10.58714	.2667745

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0008240	.0006272	2.982533	.0313261	.0131320	.0104983	26.26487
Stddev	.0000050	.0000426	.016491	.0003061	.0002173	.0007336	.16185
%RSD	.6003586	6.788412	.5529094	.9772802	1.655049	6.987893	.6162197
#1	.0008241	.0005996	2.990287	.0316625	.0130563	.0113441	26.33949
#2	.0008289	.0006058	2.963594	.0312519	.0129627	.0100341	26.07917
#3	.0008190	.0006762	2.993717	.0310639	.0133771	.0101168	26.37595

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7192461	1.898755	.0123747	-.000654	.0309936	.0539976	.0691154
Stddev	.0016261	.010785	.0004203	.000077	.0823695	.0013766	.0020151
%RSD	.2260863	.5679949	3.396490	11.79502	265.7630	2.549428	2.915507
#1	.7206685	1.904567	.0120794	-.000666	-.053359	.0526544	.0679087
#2	.7174734	1.886311	.0121888	-.000724	.111225	.0539329	.0679959
#3	.7195965	1.905387	.0128559	-.000572	.035114	.0554054	.0714417

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1542515	.3337050	.1065711	.0006421	.2327149	1.774765	.0008588
Stddev	.0291637	.0006018	.0005109	.0001791	.0040776	.006015	.0001661
%RSD	18.90659	.1803356	.4794237	27.88810	1.752167	.3389193	19.34306
#1	.1212775	.3330457	.1069844	.0007518	.2310271	1.768801	.0009144
#2	.1766593	.3338445	.1059998	.0004354	.2297523	1.780830	.0009900
#3	.1648178	.3342248	.1067289	.0007389	.2373654	1.774663	.0006720

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1043-08LX5 Acquired: 1/23/2025 23:38:47 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCPL2L Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2380067	-.000295	.0120762
Stddev	.0012527	.002167	.0000225
%RSD	.5263333	734.7633	.1863882
#1	.2369233	-.002180	.0120824
#2	.2393784	-.000778	.0120512
#3	.2377185	.002073	.0120949

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3684.611	75905.77	9973.729	2630.360	4443.682
Stddev	1.423	134.57	53.557	6.753	6.744
%RSD	.0386197	.1772817	.5369780	.2567416	.1517650
#1	3683.334	75814.64	10020.43	2637.899	4438.911
#2	3686.145	76060.33	9915.27	2624.865	4451.397
#3	3684.354	75842.35	9985.49	2628.315	4440.736

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1043-10 Acquired: 1/23/2025 23:42:52 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCPL2S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1354270	.1010941	.4700080	.1863164	.1739716	58.43537	4.875392
Stddev	.0006141	.0006528	.0021827	.0041237	.0028225	.12107	.029539
%RSD	.4534831	.6456992	.4644007	2.213253	1.622393	.2071778	.6058743
#1	.1359909	.1010991	.4678812	.1905011	.1735374	58.52554	4.884578
#2	.1355174	.1017443	.4699001	.1861917	.1769861	58.29777	4.899246
#3	.1347726	.1004388	.4722426	.1822566	.1713914	58.48280	4.842352

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0963792	.0996769	15.55158	.5692493	1.018741	.5260330	137.4834
Stddev	.0000838	.0002558	.03184	.0008590	.001314	.0032254	.2176
%RSD	.0868961	.2566685	.2047083	.1508915	.1290058	.6131454	.1582428
#1	.0963874	.0993815	15.53508	.5687906	1.017492	.5263471	137.5208
#2	.0964585	.0998214	15.53138	.5687170	1.018620	.5226621	137.2495
#3	.0962916	.0998278	15.58827	.5702402	1.020112	.5290898	137.6798

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.583701	9.766869	1.023357	.0701289	.1308258	1.223284	1.220775
Stddev	.017965	.000859	.001132	.0002994	.5815360	.004637	.006080
%RSD	.3919304	.0087984	.1105742	.4269130	444.5117	.3790628	.4980153
#1	4.574695	9.767531	1.022291	.0703329	.3693476	1.223054	1.217145
#2	4.572021	9.765898	1.023237	.0697852	-.532048	1.228032	1.217386
#3	4.604387	9.767179	1.024545	.0702686	.555177	1.218767	1.227794

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.243968	1.695906	.5689616	.0052493	1.186182	8.879379	.0122831
Stddev	.052508	.005750	.0013364	.0004692	.002819	.032479	.0003844
%RSD	2.339945	.3390272	.2348842	8.937647	.2376261	.3657795	3.129937
#1	2.206261	1.689268	.5688395	.0047417	1.183050	8.848188	.0118813
#2	2.221704	1.699145	.5676904	.0053390	1.188516	8.876939	.0123204
#3	2.303939	1.699306	.5703548	.0056670	1.186981	8.913008	.0126475

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1043-10 Acquired: 1/23/2025 23:42:52 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCPL2S Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.201548	.0258909	.0630317
Stddev	.002969	.0012698	.0002196
%RSD	.2470781	4.904406	.3483127
#1	1.198301	.0245394	.0628441
#2	1.202216	.0270591	.0629779
#3	1.204125	.0260743	.0632732

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3749.068	75734.55	10423.19	2647.948	4281.490
Stddev	6.576	127.04	19.35	10.839	5.464
%RSD	.1753996	.1677412	.1856515	.4093374	.1276308
#1	3743.845	75758.77	10445.53	2658.113	4275.182
#2	3746.906	75847.73	10411.58	2649.188	4284.748
#3	3756.453	75597.14	10412.46	2636.542	4284.541

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1043-11 Acquired: 1/23/2025 23:46:54 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCPL3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0348372	-.000588	.4139639	.0182667	.0090445	40.88342	1.302205
Stddev	.0005245	.000952	.0020675	.0025436	.0006189	.20005	.006972
%RSD	1.505507	161.8057	.4994384	13.92484	6.842284	.4893089	.5353654
#1	.0354400	.000065	.4162918	.0212009	.0088547	40.70772	1.297415
#2	.0345862	-.000150	.4132581	.0169140	.0097360	40.84140	1.298998
#3	.0344853	-.001680	.4123416	.0166853	.0085427	41.10114	1.310203

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0032147	.0104469	12.54570	.0927328	.0773183	.0370077	87.72597
Stddev	.0001653	.0000077	.03879	.0002553	.0003010	.0016722	.40527
%RSD	5.140528	.0736807	.3091930	.2752767	.3892713	4.518595	.4619709
#1	.0033118	.0104553	12.54249	.0927373	.0772774	.0368865	87.40612
#2	.0030239	.0104403	12.50862	.0929858	.0776377	.0353993	87.59008
#3	.0033084	.0104451	12.58600	.0924753	.0770399	.0387372	88.18172

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.371749	8.912707	.0657087	.0008842	.1859546	.1567436	.5366108
Stddev	.018288	.020395	.0004152	.0001948	.4174352	.0015246	.0028702
%RSD	.4183180	.2288327	.6318372	22.03024	224.4824	.9726909	.5348659
#1	4.354994	8.895464	.0659699	.0006697	.3296322	.1549957	.5392096
#2	4.368996	8.907437	.0659262	.0009326	-.284343	.1574359	.5335302
#3	4.391257	8.935220	.0652299	.0010502	.512575	.1577993	.5370925

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.188506	1.926023	.3664554	.0035090	1.512546	6.133807	.0051253
Stddev	.051994	.001822	.0026852	.0001188	.005890	.018830	.0001455
%RSD	2.375783	.0945838	.7327520	3.385547	.3893951	.3069946	2.838231
#1	2.169264	1.925018	.3647124	.0036391	1.519085	6.117690	.0050818
#2	2.148876	1.924926	.3651060	.0034818	1.507658	6.154505	.0050065
#3	2.247379	1.928126	.3695476	.0034062	1.510894	6.129226	.0052875

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1043-11 Acquired: 1/23/2025 23:46:54 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCPL3 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9920198	.0222258	.0492794
Stddev	.0026454	.0007175	.0003504
%RSD	.2666707	3.228082	.7110176
#1	.9907321	.0221001	.0489826
#2	.9950625	.0215795	.0491897
#3	.9902648	.0229978	.0496660

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3801.752	75661.06	10523.71	2644.943	4379.432
Stddev	10.027	167.21	38.05	5.574	5.687
%RSD	.2637555	.2209928	.3616064	.2107542	.1298641
#1	3803.922	75628.47	10501.90	2645.881	4380.944
#2	3810.517	75842.16	10501.57	2649.988	4384.212
#3	3790.818	75512.54	10567.65	2638.958	4373.142

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1043-12 Acquired: 1/23/2025 23:50:51 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCPL4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1102005	.0013830	2.271121	.0357956	.0207314	66.69778	7.788087
Stddev	.0049833	.0032614	.004250	.0053457	.0011070	.08224	.037592
%RSD	4.522071	235.8225	.1871281	14.93399	5.339489	.1232983	.4826921
#1	.1138418	.0004162	2.271766	.0311748	.0219311	66.60374	7.747598
#2	.1122385	.0050186	2.266586	.0345616	.0197495	66.73337	7.794778
#3	.1045212	-.001286	2.275012	.0416504	.0205138	66.75622	7.821885

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0034661	.0153220	426.5141	.2929685	.0624544	.1352389	194.8778
Stddev	.0000812	.0000768	2.3927	.0008810	.0003661	.0016570	.5282
%RSD	2.342242	.5014625	.5609852	.3007136	.5862510	1.225212	.2710574
#1	.0033997	.0153151	424.3420	.2924207	.0623845	.1368612	194.2692
#2	.0035566	.0152489	426.1216	.2939847	.0628504	.1335493	195.1463
#3	.0034420	.0154021	429.0788	.2925000	.0621282	.1353062	195.2178

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.794666	233.4557	.1042451	.0009415	.2997203	.3450099	3.152830
Stddev	.007017	.7369	.0008362	.0003613	.2369102	.0027147	.016505
%RSD	.2510902	.3156390	.8021606	38.37172	79.04376	.7868369	.5235098
#1	2.790251	232.6097	.1035725	.0008177	.0594598	.3469658	3.133773
#2	2.802757	233.8001	.1039815	.0006584	.3065694	.3461533	3.162574
#3	2.790990	233.9573	.1051814	.0013483	.5331317	.3419105	3.162143

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.804660	2.113013	.8304006	.0083831	8.369863	8.762426	.0055831
Stddev	.024575	.006471	.0040294	.0005690	.040906	.020251	.0007986
%RSD	.8762261	.3062313	.4852348	6.787704	.4887260	.2311170	14.30400
#1	2.828246	2.115173	.8257643	.0082509	8.372222	8.758506	.0064150
#2	2.806531	2.105739	.8323798	.0090066	8.327828	8.784351	.0048225
#3	2.779202	2.118127	.8330576	.0078919	8.409538	8.744421	.0055119

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1043-12 Acquired: 1/23/2025 23:50:51 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCPL4 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.311773	.0431222	.2992296
Stddev	.004579	.0014724	.0003794
%RSD	.3490641	3.414455	.1267870
#1	1.311596	.0439095	.2990366
#2	1.316437	.0414235	.2996667
#3	1.307285	.0440336	.2989856

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3335.699	68014.51	9987.688	2355.218	3604.322
Stddev	7.758	126.80	21.317	6.864	9.753
%RSD	.2325759	.1864328	.2134313	.2914346	.2705840
#1	3336.525	68155.13	9980.209	2363.049	3605.775
#2	3343.011	67979.53	9971.117	2352.358	3613.267
#3	3327.561	67908.88	10011.74	2350.247	3593.925

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: CCV008 Acquired: 1/23/2025 23:55:04 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV008 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**4.677619**	**4.719535**	**23.92195**	**4.621993**	**4.692126**	**372.8592**
Stddev	.015826	.026811	.02611	.009250	.005374	1.5851
%RSD	.3383257	.5680885	.1091326	.2001344	.1145256	.4251197
#1	4.670551	4.694985	23.89533	4.612999	4.686679	373.8032
#2	4.666560	4.748144	23.92302	4.631479	4.692275	371.0292
#3	4.695747	4.715476	23.94751	4.621500	4.697424	373.7452

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**9.418947**	**.4970835**	**2.439821**	**375.4147**	**15.29210**	**2.415741**
Stddev	.053159	.0010202	.005165	2.8916	.04134	.001369
%RSD	.5643817	.2052344	.2116784	.7702391	.2703439	.0566855
#1	9.476808	.4982251	2.434128	372.4565	15.33398	2.414763
#2	9.372271	.4967642	2.441129	375.5528	15.29099	2.415155
#3	9.407761	.4962611	2.444206	378.2347	15.25132	2.417306

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**14.06638**	**386.1046**	**14.11296**	**378.2255**	**2.415568**	**1.248769**
Stddev	.08104	1.4202	.07157	1.5151	.003088	.003207
%RSD	.5761427	.3678232	.5071403	.4005698	.1278233	.2568399
#1	14.14715	385.7462	14.13744	377.8634	2.413413	1.250458
#2	14.06691	387.6696	14.16909	379.8888	2.414186	1.250779
#3	13.98507	384.8979	14.03236	376.9243	2.419105	1.245070

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**367.4498**	**2.402732**	**14.47126**	**143.6355**	**4.997318**	F **5.841543**
Stddev	2.6024	.008658	.06087	.4083	.013735	.012411
%RSD	.7082438	.3603557	.4206577	.2842276	.2748392	.2124692
#1	370.0259	2.408054	14.48997	143.5772	4.983189	5.852536
#2	367.5017	2.407402	14.52058	144.0698	4.998143	5.844010
#3	364.8218	2.392742	14.40323	143.2596	5.010622	5.828084

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: CCV008 Acquired: 1/23/2025 23:55:04 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV008 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.695273	4.869945	4.768906	4.924553	4.747992	4.572482
Stddev	.006547	.006571	.028222	.002034	.021644	.024393
%RSD	.1394363	.1349262	.5917965	.0413063	.4558636	.5334790
#1	4.690184	4.876096	4.797078	4.924914	4.769613	4.584221
#2	4.692977	4.870716	4.769005	4.922362	4.748038	4.588785
#3	4.702659	4.863022	4.740634	4.926382	4.726324	4.544438

Elem	Sr4077
Units	ppm
Avg	4.754198
Stddev	.125634
%RSD	2.642595
#1	4.877038
#2	4.759613
#3	4.625945

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2905.236	61360.67	9155.402	2131.734	3302.446
Stddev	4.044	107.66	44.006	4.425	3.183
%RSD	.1392099	.1754557	.4806580	.2075576	.0963952
#1	2908.837	61237.02	9112.640	2130.797	3306.122
#2	2906.011	61433.60	9200.555	2136.552	3300.564
#3	2900.860	61411.40	9153.010	2127.852	3300.653

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: CCB008 Acquired: 1/23/2025 23:59:22 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB008 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003388	.0015487	-.001695	.0018290	-.000123	-.002566	-.000587
Stddev	.0024395	.0011901	.001111	.0019467	.000618	.005263	.000627
%RSD	720.1006	76.84080	65.56681	106.4376	501.7633	205.1208	106.8212
#1	.0030224	.0001984	-.001187	.0035526	-.000104	-.007515	-.000437
#2	-.001745	.0020033	-.002970	-.000282	-.000750	-.003147	-.000049
#3	-.000262	.0024445	-.000929	.002217	.000485	.002964	-.001276

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000620	-.000013	.0082445	.0006888	-.000027	.0003581	.0102157
Stddev	.0000488	.000035	.0086189	.0002833	.000109	.0007811	.0019229
%RSD	78.81327	271.8154	104.5412	41.13377	395.8686	218.0846	18.82327
#1	.0001135	.000022	.0148015	.0009769	-.000151	.0004612	.0119384
#2	.0000560	-.000012	.0114499	.0006791	.000051	.0010826	.0081411
#3	.0000164	-.000049	-.001518	.0004105	.000018	-.000469	.0105674

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003660	.0247808	-.000019	-.000625	-.078533	.0006888	-.000393
Stddev	.0000295	.0106079	.000490	.000096	.420721	.0014239	.001613
%RSD	8.072186	42.80682	2538.109	15.42493	535.7275	206.7276	409.8467
#1	.0003638	.0186679	-.000271	-.000517	.120817	.0017089	.001379
#2	.0003965	.0186448	.000546	-.000703	.205460	-.000938	-.000786
#3	.0003376	.0370297	-.000333	-.000657	-.561875	.001295	-.001774

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.193663	.0045376	.0033286	-.000044	.0028677	.0063398	-.000090
Stddev	.044927	.0004905	.0003672	.000141	.0013150	.0024848	.000300
%RSD	23.19831	10.80901	11.03255	322.1404	45.85532	39.19441	333.7853
#1	-.239691	.0039798	.0037473	-.000179	.0042270	.0090700	-.000414
#2	-.149926	.0049011	.0030610	-.000055	.0027740	.0057386	-.000033
#3	-.191373	.0047320	.0031775	.000102	.0016021	.0042107	.000178

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: CCB008 Acquired: 1/23/2025 23:59:22 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB008 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000504	-.004726	.0000844
Stddev	.000317	.000725	.0000483
%RSD	62.98207	15.33706	57.31481
#1	-.000179	-.003895	.0000586
#2	-.000518	-.005063	.0000543
#3	-.000814	-.005222	.0001401

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3640.989	73471.85	9857.002	2585.987	4516.968
Stddev	7.995	74.08	46.122	10.102	9.829
%RSD	.2195782	.1008261	.4679122	.3906383	.2176065
#1	3633.974	73463.50	9906.200	2581.111	4507.902
#2	3649.694	73402.30	9814.742	2597.603	4527.415
#3	3639.301	73549.75	9850.065	2579.249	4515.588

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1043-13 Acquired: 1/24/2025 0:03:31 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCPL5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1362301	-.000559	.8185961	.0461220	.0261962	59.98100	1.618478
Stddev	.0030189	.001749	.0012191	.0018698	.0014680	.14707	.006554
%RSD	2.216015	312.8719	.1489193	4.053946	5.603767	.2451999	.4049759
#1	.1336964	-.001465	.8198714	.0443078	.0246027	59.94006	1.618641
#2	.1354236	.001457	.8184743	.0480427	.0264924	60.14421	1.624950
#3	.1395704	-.001669	.8174425	.0460156	.0274934	59.85873	1.611844

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0051407	.0070702	14.01586	.3878810	.1153780	.1336153	246.9769
Stddev	.0001477	.0000858	.05134	.0006888	.0005672	.0010313	.0886
%RSD	2.873394	1.213473	.3662951	.1775871	.4916363	.7718404	.0358783
#1	.0050088	.0069876	14.07363	.3885691	.1147345	.1342058	247.0720
#2	.0051130	.0070640	13.99847	.3871915	.1155938	.1342156	246.9622
#3	.0053003	.0071589	13.97547	.3878823	.1158057	.1324245	246.8966

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.533655	9.050679	.1170697	.0012452	-.070262	.4422883	1.074096
Stddev	.013363	.013695	.0005452	.0001287	.310331	.0028159	.003733
%RSD	.2045240	.1513186	.4657157	10.33149	441.6777	.6366601	.3475183
#1	6.547607	9.051805	.1164406	.0011674	-.270744	.4454721	1.075203
#2	6.532386	9.036455	.1173621	.0013937	-.227236	.4412681	1.069935
#3	6.520972	9.063776	.1174063	.0011745	.287196	.4401248	1.077149

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.324178	2.229497	1.014734	.0084482	1.601296	8.815797	.0115935
Stddev	.026574	.011030	.000844	.0002683	.002905	.036827	.0003128
%RSD	1.143385	.4947272	.0832018	3.175872	.1814231	.4177436	2.698069
#1	2.307828	2.218010	1.015708	.0081450	1.603568	8.858322	.0117236
#2	2.354841	2.230475	1.014248	.0086549	1.598022	8.794498	.0118203
#3	2.309866	2.240005	1.014244	.0085448	1.602297	8.794572	.0112367

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1043-13 Acquired: 1/24/2025 0:03:31 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCPL5 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.592099	.0241135	.0621755
Stddev	.004167	.0002963	.0001925
%RSD	.2617437	1.228623	.3095564
#1	1.596864	.0239352	.0623635
#2	1.590300	.0239498	.0621841
#3	1.589134	.0244555	.0619788

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3688.925	77323.32	10509.25	2679.138	4107.026
Stddev	3.634	192.54	36.82	7.904	3.103
%RSD	.0984999	.2490034	.3504034	.2950213	.0755434
#1	3688.078	77144.18	10467.11	2670.147	4108.211
#2	3692.907	77298.87	10535.28	2684.993	4109.362
#3	3685.790	77526.92	10525.35	2682.273	4103.506

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1043-14 Acquired: 1/24/2025 0:07:28 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCPL6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0670306	-.000396	.4998301	.0285637	.0147951	69.79884	1.611834
Stddev	.0026838	.000654	.0016472	.0010661	.0011196	.10330	.009181
%RSD	4.003824	165.3872	.3295491	3.732328	7.567547	.1479928	.5696298
#1	.0687929	-.001041	.5016201	.0273329	.0153573	69.88177	1.622146
#2	.0639419	-.000412	.4983783	.0291623	.0155222	69.83161	1.608810
#3	.0683571	.000267	.4994918	.0291960	.0135058	69.68313	1.604545

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0041701	.0045842	12.95067	.1875205	.0825240	.0566364	152.7337
Stddev	.0000966	.0000638	.00926	.0005713	.0002913	.0012055	.1570
%RSD	2.316976	1.391687	.0715093	.3046531	.3529840	2.128526	.1028247
#1	.0041864	.0045617	12.95736	.1868799	.0821986	.0579374	152.9028
#2	.0040664	.0045347	12.94010	.1879771	.0826131	.0555571	152.7060
#3	.0042575	.0046562	12.95456	.1877044	.0827604	.0564149	152.5924

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.683817	10.55210	.0810476	.0013187	-.000628	.2792476	.4852490
Stddev	.014467	.03957	.0002823	.0002205	.023269	.0024736	.0067315
%RSD	.3088784	.3750078	.3483237	16.72422	3708.180	.8858002	1.387233
#1	4.700279	10.59178	.0807910	.0010935	-.022955	.2811120	.4915393
#2	4.678046	10.51264	.0813500	.0013282	-.002409	.2764415	.4860583
#3	4.673126	10.55188	.0810018	.0015342	.023481	.2801894	.4781494

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.303129	2.518911	.6364938	.0059258	1.730830	8.586151	.0079023
Stddev	.035873	.009848	.0023604	.0000581	.005927	.017144	.0009942
%RSD	1.086041	.3909720	.3708500	.9809565	.3424228	.1996728	12.58072
#1	3.308784	2.521811	.6386899	.0059800	1.737434	8.588604	.0088233
#2	3.335839	2.507938	.6367937	.0059330	1.725974	8.601936	.0080352
#3	3.264764	2.526984	.6339977	.0058644	1.729081	8.567912	.0068484

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1043-14 Acquired: 1/24/2025 0:07:28 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCPL6 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.260782	.0390312	.0719110
Stddev	.006635	.0003928	.0004582
%RSD	.5262628	1.006299	.6371086
#1	1.267144	.0394555	.0723811
#2	1.261298	.0386803	.0718860
#3	1.253904	.0389579	.0714658

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3794.659	76187.96	10668.30	2678.795	4234.178
Stddev	6.251	134.20	29.44	27.138	5.225
%RSD	.1647252	.1761425	.2759413	1.013072	.1233987
#1	3788.356	76315.45	10702.17	2676.789	4231.043
#2	3800.856	76047.93	10653.75	2652.716	4240.209
#3	3794.764	76200.51	10648.96	2706.881	4231.280

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1043-15 Acquired: 1/24/2025 0:11:25 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCPL7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.744256	1.517050	2.641935	2.960693	.8888514	40.38103
Stddev	.016654	.012077	.007691	.003651	.0060823	.25217
%RSD	.6068742	.7961033	.2911075	.1233257	.6842839	.6244652
#1	2.728352	1.514202	2.637025	2.957442	.8861299	40.09170
#2	2.742845	1.506651	2.637982	2.964643	.8846052	40.49734
#3	2.761571	1.530297	2.650798	2.959993	.8958193	40.55404

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.611648	F 1.963380	1.129662	60.43791	2.855565	1.855951
Stddev	.024070	.013589	.003186	.28566	.003255	.006039
%RSD	.6664585	.6921117	.2820184	.4726449	.1139732	.3253829
#1	3.583961	1.979009	1.127899	60.11088	2.859268	1.852702
#2	3.623383	1.956771	1.127747	60.56421	2.853161	1.852233
#3	3.627600	1.954360	1.133339	60.63865	2.854265	1.862919

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.377354	67.94400	2.983035	16.53462	4.043186	.9059382
Stddev	.005707	.37476	.012921	.06997	.011817	.0001133
%RSD	.2400509	.5515735	.4331394	.4231515	.2922599	.0125018
#1	2.383943	67.51589	2.968152	16.45717	4.035452	.9058709
#2	2.374117	68.10336	2.991372	16.55344	4.037319	.9060690
#3	2.374001	68.21274	2.989582	16.59326	4.056788	.9058748

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.071934	2.094846	2.793728	17.76555	2.608633	1.897657
Stddev	.206693	.001711	.006562	.11810	.015433	.011102
%RSD	5.076047	.0816844	.2348885	.6647559	.5916029	.5850356
#1	4.305908	2.096733	2.786387	17.64744	2.600476	1.910454
#2	3.914153	2.093395	2.795774	17.88363	2.598991	1.891920
#3	3.995742	2.094411	2.799024	17.76559	2.626433	1.890598

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1043-15 Acquired: 1/24/2025 0:11:25 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCPL7 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.108233	.5101568	9.080298	1.195500	1.587428	1.035006
Stddev	.002665	.0038800	.038583	.005054	.005780	.007546
%RSD	.2405007	.7605545	.4249081	.4227772	.3640981	.7290344
#1	1.106939	.5112458	9.122720	1.189974	1.591860	1.026614
#2	1.106462	.5058486	9.070875	1.196638	1.589533	1.037173
#3	1.111298	.5133759	9.047300	1.199889	1.580891	1.041231

Elem	Sr4077
Units	ppm
Avg	.9867887
Stddev	.0055513
%RSD	.5625658
#1	.9803875
#2	.9896960
#3	.9902825

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3719.363	76462.06	10796.89	2664.292	4053.180
Stddev	12.564	83.58	85.27	4.158	17.185
%RSD	.3378010	.1093043	.7897942	.1560598	.4239989
#1	3731.275	76490.53	10698.68	2664.897	4066.541
#2	3720.579	76527.67	10839.86	2659.864	4059.206
#3	3706.236	76367.96	10852.14	2668.114	4033.793

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1044-01 Acquired: 1/24/2025 0:15:11 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCPX8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0640526	-.000260	.3667004	.0296743	.0136319	59.42243	3.068786
Stddev	.0031201	.000604	.0010761	.0010573	.0008056	.12430	.014152
%RSD	4.871194	232.3000	.2934579	3.562923	5.909720	.2091867	.4611673
#1	.0637651	-.000513	.3662865	.0284819	.0144974	59.52821	3.078405
#2	.0610861	-.000696	.3679220	.0300437	.0129038	59.45357	3.075418
#3	.0673065	.000429	.3658926	.0304973	.0134945	59.28552	3.052536

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0052424	.0037276	11.96345	.1473899	.1351078	.0651809	135.1053
Stddev	.0000450	.0000682	.02846	.0002607	.0004477	.0026051	.2833
%RSD	.8579169	1.829063	.2378906	.1768429	.3313688	3.996716	.2097219
#1	.0052313	.0037264	11.94170	.1471131	.1345929	.0670581	135.0776
#2	.0052919	.0037963	11.99566	.1474260	.1354047	.0622067	135.4015
#3	.0052040	.0036599	11.95299	.1476306	.1353259	.0662778	134.8369

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.886432	10.80184	.0790543	.0010770	-.152952	.2480972	.3581068
Stddev	.031051	.05493	.0003104	.0005057	.251993	.0007682	.0025409
%RSD	.4509062	.5085219	.3926735	46.95546	164.7529	.3096371	.7095316
#1	6.881561	10.76572	.0791390	.0007039	-.394750	.2476259	.3599190
#2	6.919631	10.86505	.0793135	.0016525	-.172233	.2489836	.3591990
#3	6.858104	10.77473	.0787103	.0008745	.108127	.2476819	.3552024

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.685819	2.268301	.5606255	.0076483	1.912918	8.107434	.0076563
Stddev	.017578	.001033	.0023948	.0001610	.000516	.021864	.0004805
%RSD	.4769101	.0455338	.4271700	2.104752	.0269716	.2696730	6.275864
#1	3.665534	2.267219	.5623013	.0078146	1.912940	8.122963	.0073986
#2	3.696581	2.268407	.5616926	.0074933	1.912392	8.116908	.0082106
#3	3.695342	2.269277	.5578827	.0076369	1.913423	8.082431	.0073595

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1044-01 Acquired: 1/24/2025 0:15:11 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCPX8 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.336539	.0308397	.0880177
Stddev	.003645	.0009817	.0004959
%RSD	.2727338	3.183279	.5633618
#1	1.338077	.0309804	.0884532
#2	1.339164	.0317435	.0881218
#3	1.332377	.0297952	.0874780

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3781.464	78295.59	10729.96	2709.072	4161.615
Stddev	2.412	288.24	30.81	7.341	6.749
%RSD	.0637827	.3681379	.2871060	.2709753	.1621728
#1	3778.748	78553.63	10765.52	2703.165	4169.408
#2	3783.359	77984.52	10711.39	2706.762	4157.650
#3	3782.283	78348.60	10712.98	2717.291	4157.787

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1044-02 Acquired: 1/24/2025 0:19:09 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCPX9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0510704	-.001285	.4250871	.0258743	.0115250	48.81642	3.221988
Stddev	.0009757	.003124	.0018337	.0014519	.0017621	.08887	.009323
%RSD	1.910500	243.1244	.4313731	5.611201	15.28969	.1820495	.2893586
#1	.0502295	-.000789	.4229896	.0265288	.0095997	48.91904	3.232336
#2	.0508415	-.004627	.4258846	.0242104	.0119176	48.76445	3.219383
#3	.0521402	.001562	.4263870	.0268837	.0130578	48.76578	3.214244

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0049454	.0032962	8.207777	.1205666	.1710263	.0489298	117.3693
Stddev	.0000822	.0001311	.022568	.0000966	.0006011	.0006073	.3343
%RSD	1.662156	3.976149	.2749597	.0801353	.3514788	1.241226	.2848041
#1	.0048959	.0034459	8.207220	.1206781	.1706354	.0496010	117.7529
#2	.0050403	.0032406	8.230619	.1205106	.1717185	.0484181	117.2143
#3	.0049000	.0032021	8.185493	.1205110	.1707250	.0487703	117.1406

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.603667	7.208320	.0693466	.0017923	.0700252	.2265326	.3693277
Stddev	.026063	.011256	.0001142	.0003755	.3542397	.0008660	.0053331
%RSD	.2713821	.1561506	.1646882	20.95019	505.8744	.3822975	1.444007
#1	9.633198	7.206335	.0694477	.0018525	.4488113	.2275316	.3692889
#2	9.593919	7.198188	.0692227	.0013904	-.253071	.2260716	.3640141
#3	9.583883	7.220435	.0693693	.0021342	.014336	.2259945	.3746801

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.728469	2.140604	.4889797	.0064472	1.843415	6.206075	.0087615
Stddev	.046913	.003690	.0018232	.0003131	.004063	.001153	.0006564
%RSD	1.258238	.1723921	.3728504	4.856521	.2204249	.0185845	7.491902
#1	3.745046	2.139452	.4910548	.0068076	1.839095	6.204745	.0092856
#2	3.675517	2.144732	.4882494	.0062422	1.847161	6.206795	.0089737
#3	3.764842	2.137626	.4876349	.0062918	1.843989	6.206685	.0080253

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1044-02 Acquired: 1/24/2025 0:19:09 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCPX9 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.197090	.0272456	.0780833
Stddev	.001975	.0016006	.0002747
%RSD	.1649447	5.874865	.3518287
#1	1.199066	.0289717	.0784002
#2	1.197086	.0269548	.0779370
#3	1.195117	.0258103	.0779126

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3821.927	76237.25	10623.23	2674.010	4332.162
Stddev	6.710	236.98	27.47	6.804	5.476
%RSD	.1755657	.3108431	.2585876	.2544629	.1264121
#1	3820.451	75979.01	10634.29	2673.546	4332.183
#2	3829.253	76444.76	10643.44	2681.035	4337.627
#3	3816.079	76287.98	10591.95	2667.450	4326.675

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1044-03 Acquired: 1/24/2025 0:23:06 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCPX9D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0574232	-.000495	.4311342	.0225983	.0129752	48.56918	3.163467
Stddev	.0024807	.002593	.0029905	.0013877	.0005636	.26440	.026152
%RSD	4.319999	524.0621	.6936271	6.140501	4.343480	.5443856	.8266784
#1	.0582838	-.002559	.4327671	.0237163	.0133697	48.54200	3.166060
#2	.0593590	-.001340	.4329528	.0210453	.0132262	48.84612	3.188225
#3	.0546268	.002415	.4276828	.0230334	.0123297	48.31941	3.136115

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0049572	.0034418	8.114504	.1210258	.1729069	.0525231	116.6800
Stddev	.0000331	.0000309	.055166	.0006780	.0001438	.0022546	.5361
%RSD	.6673220	.8973589	.6798425	.5602114	.0831467	4.292565	.4594538
#1	.0049742	.0034772	8.101167	.1213445	.1728417	.0525966	116.5630
#2	.0049784	.0034276	8.175116	.1214858	.1728073	.0502327	117.2650
#3	.0049191	.0034205	8.067230	.1202472	.1730717	.0547401	116.2121

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.455006	7.187097	.0702930	.0016299	-.179407	.2252236	.3645125
Stddev	.064817	.032442	.0001003	.0001819	.184110	.0007193	.0051293
%RSD	.6855265	.4513883	.1427069	11.16237	102.6214	.3193639	1.407154
#1	9.455002	7.160406	.0704031	.0016309	-.306781	.2251642	.3620242
#2	9.519824	7.223205	.0702692	.0018113	-.263125	.2245358	.3704113
#3	9.390191	7.177678	.0702068	.0014474	.031685	.2259707	.3611021

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.714498	2.192666	.4843656	.0063387	1.890841	6.242468	.0091485
Stddev	.050714	.010763	.0035357	.0000516	.009907	.004264	.0006057
%RSD	1.365289	.4908513	.7299668	.8134926	.5239597	.0683070	6.620257
#1	3.730753	2.191158	.4829085	.0063782	1.902205	6.247158	.0096301
#2	3.755091	2.204103	.4883970	.0062803	1.884021	6.238824	.0093469
#3	3.657649	2.182737	.4817912	.0063575	1.886296	6.241421	.0084685

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1044-03 Acquired: 1/24/2025 0:23:06 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCPX9D Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.192609	.0267986	.0765929
Stddev	.003824	.0011491	.0005402
%RSD	.3206123	4.288042	.7053405
#1	1.188307	.0273571	.0766667
#2	1.193898	.0275617	.0770925
#3	1.195621	.0254770	.0760196

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3752.442	76194.32	10522.12	2656.052	4231.800
Stddev	5.275	364.61	32.54	32.020	8.088
%RSD	.1405797	.4785261	.3092491	1.205546	.1911316
#1	3749.350	75990.29	10494.04	2634.078	4230.417
#2	3749.444	75977.40	10557.78	2641.287	4224.493
#3	3758.533	76615.27	10514.55	2692.790	4240.491

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1044-02LX5 Acquired: 1/24/2025 0:27:04 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCPX9L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0107511	.0006387	.0852424	.0060342	.0018648	9.646394	.6124182
Stddev	.0021526	.0005185	.0006249	.0004565	.0016559	.014334	.0015635
%RSD	20.02170	81.18215	.7330859	7.565735	88.79761	.1485903	.2553025
#1	.0084653	.0002843	.0854403	.0065604	.0035574	9.637996	.6115087
#2	.0127394	.0012337	.0845426	.0057424	.0002483	9.638242	.6142236
#3	.0110486	.0003979	.0857445	.0058000	.0017886	9.662945	.6115223

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0010471	.0005877	1.619799	.0247947	.0339456	.0086459	23.50744
Stddev	.0000442	.0000751	.003628	.0004389	.0000633	.0008216	.04518
%RSD	4.224114	12.78532	.2239929	1.770031	.1863844	9.502976	.1921785
#1	.0010802	.0006022	1.623989	.0252171	.0339189	.0095237	23.51960
#2	.0010642	.0005063	1.617669	.0243411	.0340179	.0085186	23.45743
#3	.0009969	.0006545	1.617740	.0248260	.0339001	.0078953	23.54530

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.887393	1.456878	.0136582	-.000352	-.210437	.0471812	.0731527
Stddev	.004564	.015494	.0002304	.000338	.250649	.0004224	.0003600
%RSD	.2418195	1.063511	1.687004	95.96024	119.1087	.8952167	.4920600
#1	1.882415	1.467292	.0138904	-.000256	.054718	.0475177	.0727491
#2	1.891380	1.439072	.0136547	-.000728	-.443486	.0467072	.0734406
#3	1.888384	1.464269	.0134296	-.000073	-.242543	.0473187	.0732684

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4971620	.4413999	.0969783	.0009781	.3775423	1.304038	.0018983
Stddev	.0288999	.0020574	.0004206	.0001180	.0067698	.003260	.0005049
%RSD	5.812974	.4661125	.4337081	12.06706	1.793126	.2500198	26.59887
#1	.4637913	.4433258	.0973353	.0009990	.3850795	1.301525	.0013952
#2	.5138564	.4416416	.0965146	.0008511	.3755690	1.307722	.0024051
#3	.5138383	.4392323	.0970849	.0010843	.3719784	1.302868	.0018947

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1044-02LX5 Acquired: 1/24/2025 0:27:04 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCPX9L Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2444199	.0011554	.0153978
Stddev	.0013711	.0007067	.0000382
%RSD	.5609612	61.16401	.2481441
#1	.2434852	.0003469	.0153540
#2	.2459939	.0016555	.0154153
#3	.2437805	.0014639	.0154242

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3648.732	74996.05	10025.84	2608.957	4383.953
Stddev	5.422	128.74	27.30	6.014	2.304
%RSD	.1485885	.1716639	.2722867	.2304952	.0525623
#1	3653.428	74900.59	10006.64	2603.328	4385.363
#2	3649.968	74945.10	10013.79	2608.250	4385.203
#3	3642.799	75142.47	10057.09	2615.292	4381.294

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1044-04 Acquired: 1/24/2025 0:31:08 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCPX9S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1226451	.1030629	.4633578	.1870020	.1751180	52.12059	6.774254
Stddev	.0043851	.0008273	.0017519	.0007061	.0007233	.12766	.108179
%RSD	3.575457	.8027162	.3780880	.3775978	.4130660	.2449262	1.596915
#1	.1199239	.1038643	.4620524	.1863683	.1758923	52.07440	6.701706
#2	.1203077	.1031125	.4626722	.1868745	.1750022	52.02245	6.898593
#3	.1277038	.1022119	.4653488	.1877632	.1744596	52.26491	6.722465

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0989910	.1017342	8.141433	.5435136	1.148761	.5303223	119.2526
Stddev	.0004538	.0001945	.031346	.0005496	.000600	.0057108	.1848
%RSD	.4584586	.1911504	.3850209	.1011215	.0522450	1.076858	.1549708
#1	.0989150	.1015330	8.118369	.5428831	1.149394	.5364141	119.1905
#2	.0994780	.1017484	8.128807	.5437661	1.148200	.5294631	119.1068
#3	.0985800	.1019211	8.177124	.5438916	1.148688	.5250898	119.4604

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.49622	7.208623	1.057934	.0726408	-.151277	1.219202	1.262075
Stddev	.05114	.009540	.000795	.0001931	.242319	.000827	.008519
%RSD	.4871771	.1323365	.0751405	.2658126	160.1827	.0678489	.6750201
#1	10.48126	7.217870	1.057105	.0725890	-.249045	1.218253	1.254020
#2	10.45423	7.198816	1.058007	.0728545	-.329438	1.219580	1.261212
#3	10.55316	7.209184	1.058690	.0724789	.124653	1.219772	1.270993

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.743663	2.155821	.4996113	.0057750	1.853243	6.261704	.0089732
Stddev	.051710	.001215	.0010507	.0004211	.009257	.007737	.0006614
%RSD	1.381264	.0563612	.2102965	7.291732	.4995173	.1235683	7.370984
#1	3.707342	2.155051	.4988231	.0057109	1.843127	6.261056	.0084800
#2	3.802866	2.157222	.4992067	.0053896	1.861292	6.269745	.0087148
#3	3.720781	2.155191	.5008041	.0062245	1.855311	6.254310	.0097248

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1044-04 Acquired: 1/24/2025 0:31:08 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCPX9S Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.189157	.0283295	.0777487
Stddev	.002346	.0005696	.0004161
%RSD	.1973140	2.010728	.5351615
#1	1.188219	.0276802	.0777515
#2	1.187425	.0287453	.0773312
#3	1.191828	.0285629	.0781633

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3770.925	75524.19	10594.27	2654.795	4261.569
Stddev	8.305	148.93	14.60	9.212	1.271
%RSD	.2202456	.1971934	.1378342	.3469979	.0298278
#1	3768.446	75566.26	10592.19	2663.581	4262.908
#2	3780.188	75647.55	10580.82	2645.209	4260.379
#3	3764.142	75358.75	10609.80	2655.595	4261.420

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1044-05 Acquired: 1/24/2025 0:35:09 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCPY0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0758404	-.000862	.4245164	.0319312	.0137545	61.31698	4.293189
Stddev	.0011377	.000343	.0014968	.0014599	.0016819	.39176	.026777
%RSD	1.500175	39.82050	.3525837	4.571955	12.22795	.6389055	.6237076
#1	.0758846	-.001105	.4238843	.0302729	.0154657	61.74303	4.319020
#2	.0769554	-.000469	.4234394	.0324985	.0136941	61.23563	4.294989
#3	.0746812	-.001011	.4262256	.0330224	.0121036	60.97229	4.265557

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0062247	.0037513	11.36100	.1956447	.1837114	.0481445	148.1713
Stddev	.0000255	.0000824	.08576	.0009208	.0004842	.0035721	.9606
%RSD	.4099690	2.195969	.7548794	.4706638	.2635589	7.419534	.6483035
#1	.0062422	.0037153	11.43662	.1958887	.1831904	.0448658	149.1987
#2	.0062365	.0038456	11.37855	.1964190	.1837961	.0519512	148.0197
#3	.0061954	.0036931	11.26782	.1946265	.1841476	.0476164	147.2956

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.62417	10.02409	.0882908	.0023106	-.328322	.2781963	.3187924
Stddev	.07424	.08729	.0003994	.0002147	.158455	.0014915	.0051506
%RSD	.6386576	.8707790	.4523836	9.294079	48.26225	.5361131	1.615654
#1	11.69667	10.11437	.0880907	.0025524	-.491472	.2764750	.3243954
#2	11.62754	10.01776	.0887507	.0022374	-.318472	.2791045	.3177181
#3	11.54831	9.94014	.0880309	.0021420	-.175021	.2790095	.3142637

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.533194	2.151250	.6145175	.0073896	1.670910	6.438675	.0087033
Stddev	.058822	.005508	.0048947	.0001404	.005379	.030030	.0003703
%RSD	1.297593	.2560162	.7965193	1.899299	.3219215	.4663998	4.255158
#1	4.598635	2.151668	.6200614	.0074489	1.664943	6.413468	.0086660
#2	4.484719	2.145546	.6126979	.0074906	1.672403	6.471900	.0090909
#3	4.516227	2.156537	.6107931	.0072294	1.675386	6.430655	.0083530

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1044-05 Acquired: 1/24/2025 0:35:09 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCPY0 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.268669	.0333380	.1172426
Stddev	.003242	.0009555	.0007859
%RSD	.2555578	2.866042	.6702950
#1	1.267845	.0343195	.1179977
#2	1.272243	.0324108	.1173008
#3	1.265918	.0332837	.1164292

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3818.311	76780.91	10671.49	2693.721	4222.689
Stddev	6.057	406.92	42.05	14.633	9.863
%RSD	.1586331	.5299711	.3940209	.5432438	.2335612
#1	3823.980	76461.59	10704.74	2678.612	4229.102
#2	3819.025	76642.06	10624.23	2694.723	4227.632
#3	3811.929	77239.08	10685.50	2707.827	4211.332

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1044-06 Acquired: 1/24/2025 0:39:07 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCPY1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0766388	-.000364	.3345919	.0358015	.0164976	73.40919	4.534602
Stddev	.0021224	.002957	.0021108	.0001658	.0006387	.09495	.013111
%RSD	2.769383	812.0630	.6308510	.4631886	3.871166	.1293468	.2891331
#1	.0764559	-.002762	.3330983	.0358034	.0162386	73.31177	4.542585
#2	.0788468	.002940	.3336706	.0359664	.0160291	73.41434	4.519471
#3	.0746138	-.001270	.3370067	.0356348	.0172251	73.50147	4.541752

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0053821	.0035567	8.006579	.1802684	.1284039	.0670771	171.6795
Stddev	.0000507	.0000732	.020851	.0004722	.0006710	.0012076	.4423
%RSD	.9417598	2.056664	.2604261	.2619244	.5225940	1.800274	.2576102
#1	.0053639	.0035081	7.984873	.1801768	.1278714	.0684140	171.1756
#2	.0054394	.0036408	8.008411	.1798487	.1281826	.0667517	171.8593
#3	.0053431	.0035211	8.026455	.1807796	.1291576	.0660656	172.0035

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.155806	12.45187	.0882548	.0020866	-.121552	.3074270	.5759434
Stddev	.017557	.04922	.0001848	.0004312	.238387	.0025135	.0033034
%RSD	.2453599	.3952832	.2094440	20.66711	196.1191	.8176084	.5735588
#1	7.163138	12.39915	.0881795	.0017273	.122523	.3076166	.5795648
#2	7.135771	12.49662	.0881195	.0019676	-.353813	.3098403	.5730951
#3	7.168509	12.45984	.0884654	.0025648	-.133367	.3048240	.5751704

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.881541	1.827372	.7072940	.0071887	1.178890	7.841970	.0105279
Stddev	.015378	.010764	.0011560	.0004042	.002756	.013286	.0011861
%RSD	.3961773	.5890562	.1634370	5.622903	.2338028	.1694197	11.26657
#1	3.866129	1.815148	.7063647	.0071503	1.178376	7.836204	.0118974
#2	3.896885	1.831539	.7069289	.0076108	1.176426	7.832541	.0098250
#3	3.881609	1.835431	.7085885	.0068051	1.181867	7.857165	.0098614

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1044-06 Acquired: 1/24/2025 0:39:07 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCPY1 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.545810	.0366252	.0956761
Stddev	.002178	.0010964	.0004328
%RSD	.1408722	2.993605	.4523246
#1	1.548322	.0376910	.0960342
#2	1.544457	.0366842	.0951952
#3	1.544651	.0355005	.0957988

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3801.589	76767.28	10650.52	2686.022	4154.475
Stddev	1.608	154.92	12.19	13.230	7.969
%RSD	.0422891	.2018052	.1144634	.4925663	.1918180
#1	3802.398	76865.98	10660.42	2675.418	4150.430
#2	3802.631	76847.13	10654.23	2700.849	4163.655
#3	3799.737	76588.72	10636.91	2681.800	4149.340

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1044-07 Acquired: 1/24/2025 0:43:05 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCPY2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0874668	-.001253	.4197386	.0336541	.0162752	63.78708	4.520327
Stddev	.0031045	.001464	.0009621	.0026979	.0012838	.36360	.047603
%RSD	3.549379	116.8321	.2292039	8.016533	7.888052	.5700228	1.053079
#1	.0887075	-.000789	.4201090	.0355152	.0153983	63.95051	4.554769
#2	.0839338	-.000077	.4204605	.0305600	.0177488	64.04029	4.540205
#3	.0897591	-.002892	.4186465	.0348871	.0156787	63.37044	4.466007

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0091641	.0046080	61.76248	.1761531	.2513077	.0643041	165.4777
Stddev	.0001141	.0000364	.39326	.0000910	.0003162	.0026295	.8527
%RSD	1.244963	.7899379	.6367266	.0516623	.1258184	4.089111	.5152953
#1	.0090562	.0046486	62.03714	.1760752	.2512132	.0614725	165.8580
#2	.0091525	.0045973	61.93833	.1762531	.2510496	.0666689	166.0741
#3	.0092835	.0045781	61.31199	.1761310	.2516604	.0647710	164.5011

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.74466	16.98558	.1362310	.0015061	-.083627	.3712276	.3857317
Stddev	.15680	.06063	.0003669	.0006947	.145164	.0008241	.0044365
%RSD	.7941286	.3569579	.2692870	46.12559	173.5855	.2219981	1.150156
#1	19.87605	16.94229	.1359895	.0014590	.082336	.3715367	.3888722
#2	19.78685	17.05488	.1360505	.0022232	-.186977	.3702936	.3876665
#3	19.57108	16.95958	.1366532	.0008362	-.146239	.3718524	.3806564

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.178541	3.224152	.6912422	.0095185	2.292384	6.546873	.0073148
Stddev	.096871	.010697	.0043810	.0003404	.005350	.017409	.0006650
%RSD	1.870622	.3317918	.6337829	3.576545	.2333680	.2659163	9.091673
#1	5.190898	3.233767	.6936579	.0098872	2.298480	6.556281	.0079380
#2	5.268641	3.226061	.6938834	.0094523	2.288470	6.526784	.0066146
#3	5.076085	3.212629	.6861851	.0092161	2.290202	6.557555	.0073917

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1044-07 Acquired: 1/24/2025 0:43:05 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCPY2 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.176908	.0326270	.1951434
Stddev	.005693	.0006529	.0015742
%RSD	.4837527	2.001077	.8066909
#1	1.183463	.0322712	.1963548
#2	1.173199	.0333805	.1957114
#3	1.174062	.0322292	.1933640

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3882.030	77475.56	10861.57	2733.987	4081.833
Stddev	3.479	184.29	46.38	4.050	1.369
%RSD	.0896094	.2378647	.4270458	.1481208	.0335454
#1	3883.472	77544.11	10881.69	2733.558	4081.231
#2	3878.062	77266.82	10894.50	2730.168	4080.869
#3	3884.555	77615.74	10808.53	2738.233	4083.400

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1044-08 Acquired: 1/24/2025 0:47:02 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCPY3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0817199	-.002330	.5030144	.0303174	.0142161	58.74114	6.564423
Stddev	.0024811	.001161	.0023995	.0025167	.0012873	.30887	.042834
%RSD	3.036108	49.84889	.4770266	8.301214	9.055316	.5258078	.6525130
#1	.0837139	-.002596	.5050100	.0280601	.0144227	59.05891	6.606954
#2	.0825045	-.003334	.5003520	.0330311	.0128379	58.72249	6.565024
#3	.0789414	-.001058	.5036811	.0298611	.0153875	58.44202	6.521292

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0089382	.0047181	24.65116	.1403679	.2298963	.0649110	147.2521
Stddev	.0000385	.0000401	.12432	.0001345	.0003906	.0024001	.7738
%RSD	.4302487	.8504670	.5043142	.0957912	.1699223	3.697569	.5254925
#1	.0089758	.0047025	24.77786	.1405230	.2294456	.0640222	148.0501
#2	.0089399	.0047637	24.64624	.1402851	.2301372	.0676288	147.2012
#3	.0088990	.0046882	24.52937	.1402955	.2301062	.0630821	146.5051

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	21.15228	11.59508	.1095810	.0035213	-.125211	.2843313	.4576524
Stddev	.07090	.07220	.0003411	.0003885	.340598	.0010984	.0028442
%RSD	.3351811	.6226981	.3112722	11.03298	272.0203	.3863221	.6214660
#1	21.22998	11.67209	.1091887	.0039698	.201754	.2855569	.4557205
#2	21.09110	11.52892	.1097465	.0033033	-.099410	.2834356	.4609184
#3	21.13576	11.58423	.1098077	.0032907	-.477975	.2840013	.4563183

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.229255	3.500372	.6177181	.0069276	2.543469	8.008769	.0071016
Stddev	.054760	.008349	.0042212	.0004043	.003258	.008205	.0011267
%RSD	1.047186	.2385242	.6833529	5.835530	.1280952	.1024517	15.86509
#1	5.287757	3.497694	.6213685	.0064764	2.546790	8.014558	.0064314
#2	5.179224	3.509732	.6186902	.0070497	2.543337	8.012371	.0084023
#3	5.220783	3.493690	.6130957	.0072567	2.540278	7.999379	.0064709

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1044-08 Acquired: 1/24/2025 0:47:02 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCPY3 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.156638	.0315403	.1685987
Stddev	.001477	.0004519	.0009474
%RSD	.1276917	1.432883	.5619582
#1	1.155488	.0318330	.1695906
#2	1.156121	.0310198	.1685025
#3	1.158303	.0317681	.1677030

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3798.704	77789.20	10894.90	2731.722	4086.241
Stddev	4.225	248.62	47.33	6.311	3.864
%RSD	.1112156	.3196085	.4344633	.2310296	.0945687
#1	3801.443	77576.36	10925.24	2728.257	4086.538
#2	3800.831	78062.46	10919.10	2727.902	4089.948
#3	3793.839	77728.77	10840.36	2739.006	4082.237

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1044-09 Acquired: 1/24/2025 0:51:52 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCPY4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0935474	-.002479	.5238348	.0331471	.0151604	53.45553	5.444534
Stddev	.0027368	.002582	.0016380	.0011757	.0013769	.08789	.012914
%RSD	2.925573	104.1607	.3126904	3.547021	9.082101	.1644162	.2371896
#1	.0932813	-.004663	.5248834	.0337722	.0147109	53.54959	5.454558
#2	.0909534	.000371	.5219473	.0317908	.0140645	53.37550	5.429961
#3	.0964075	-.003146	.5246736	.0338782	.0167059	53.44150	5.449081

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0097482	.0053121	14.80164	.1939529	.2767848	.0453433	161.0153
Stddev	.0001087	.0000276	.04026	.0008697	.0006627	.0014839	.4428
%RSD	1.115388	.5198637	.2719763	.4484199	.2394378	3.272492	.2749936
#1	.0096253	.0053228	14.84806	.1933714	.2768815	.0458115	161.4235
#2	.0098320	.0053328	14.78062	.1935345	.2760791	.0465365	160.5446
#3	.0097873	.0052808	14.77625	.1949527	.2773939	.0436817	161.0777

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	27.07190	8.599493	.1182005	.0044955	-.199688	.3207414	.3973128
Stddev	.28893	.032463	.0003188	.0003079	.137834	.0015558	.0018670
%RSD	1.067260	.3774933	.2697018	6.849008	69.02473	.4850547	.4699032
#1	27.31560	8.636958	.1184509	.0044253	-.271229	.3221123	.3993285
#2	26.75273	8.581805	.1183090	.0048325	-.040793	.3210613	.3969671
#3	27.14739	8.579715	.1178417	.0042288	-.287042	.3190505	.3956428

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.126637	3.299890	.6671394	.0076919	1.701575	5.831773	.0081556
Stddev	.017767	.006862	.0022404	.0004161	.002603	.033519	.0007260
%RSD	.4305489	.2079385	.3358197	5.409980	.1529625	.5747645	8.901420
#1	4.135516	3.300506	.6694858	.0073228	1.700461	5.858827	.0080033
#2	4.106181	3.292741	.6650228	.0076099	1.699715	5.842216	.0075179
#3	4.138216	3.306423	.6669096	.0081429	1.704549	5.794276	.0089457

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1044-09 Acquired: 1/24/2025 0:51:52 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCPY4 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.175061	.0275162	.1299359
Stddev	.004604	.0003112	.0003305
%RSD	.3917755	1.130930	.2543695
#1	1.176446	.0277542	.1302134
#2	1.178813	.0276304	.1300241
#3	1.169923	.0271641	.1295703

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3839.545	78207.50	10863.79	2743.229	4182.601
Stddev	1.762	271.84	21.18	29.552	2.085
%RSD	.0458947	.3475901	.1949199	1.077257	.0498561
#1	3839.729	77895.57	10843.07	2709.136	4184.611
#2	3841.208	78333.09	10862.89	2761.519	4182.744
#3	3837.698	78393.84	10885.39	2759.031	4180.448

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1044-10 Acquired: 1/24/2025 0:58:23 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCPY5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0711616	-.000531	.4834960	.0307473	.0145986	62.25024	14.55555
Stddev	.0032527	.001113	.0012136	.0015834	.0025242	.23624	.09384
%RSD	4.570842	209.3970	.2510156	5.149870	17.29065	.3794990	.6447133
#1	.0688615	.000612	.4829529	.0290563	.0117527	62.27354	14.60510
#2	.0697403	-.001611	.4848864	.0321951	.0154762	62.00322	14.44732
#3	.0748830	-.000595	.4826488	.0309906	.0165668	62.47397	14.61424

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0062368	.0056365	85.57919	.1239134	.1500245	.0880197	138.7030
Stddev	.0001066	.0001177	.29302	.0002988	.0006877	.0004053	.4989
%RSD	1.708858	2.088092	.3423911	.2411188	.4584209	.4604152	.3597239
#1	.0062216	.0056223	85.51404	.1235934	.1498422	.0883059	138.6653
#2	.0063501	.0055266	85.32423	.1239619	.1494462	.0881973	138.2240
#3	.0061386	.0057607	85.89929	.1241850	.1507850	.0875560	139.2197

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.769508	45.77754	.0925601	.0019721	-.162598	.2510230	1.040704
Stddev	.026057	.16605	.0004468	.0005891	.326599	.0018920	.004304
%RSD	.2667126	.3627373	.4826934	29.87225	200.8630	.7537327	.4135668
#1	9.784197	45.73804	.0921567	.0012919	.158996	.2502249	1.042917
#2	9.739424	45.63480	.0924833	.0023075	-.493981	.2531834	1.035744
#3	9.784905	45.95978	.0930403	.0023170	-.152808	.2496609	1.043451

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.122800	5.212935	.5824367	.0083824	5.923269	6.240597	.0071469
Stddev	.058892	.007750	.0019032	.0002388	.028285	.025636	.0010475
%RSD	1.149614	.1486768	.3267626	2.848834	.4775240	.4107890	14.65690
#1	5.077737	5.204112	.5826111	.0082982	5.901825	6.244052	.0082101
#2	5.101226	5.218643	.5804524	.0081971	5.912656	6.264330	.0071149
#3	5.189437	5.216051	.5842468	.0086519	5.955326	6.213409	.0061158

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1044-10 Acquired: 1/24/2025 0:58:23 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCPY5 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.254652	.0375445	.1891023
Stddev	.005932	.0003030	.0004345
%RSD	.4727864	.8070616	.2297552
#1	1.259691	.0373981	.1894234
#2	1.256150	.0378929	.1886079
#3	1.248114	.0373425	.1892756

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3686.872	75125.43	10695.05	2618.915	3963.003
Stddev	3.281	100.16	40.60	12.458	5.183
%RSD	.0889992	.1333280	.3795855	.4756891	.1307864
#1	3687.734	75221.82	10714.40	2606.269	3966.341
#2	3689.636	75132.60	10648.40	2631.176	3965.637
#3	3683.246	75021.88	10722.36	2619.300	3957.032

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1044-11 Acquired: 1/24/2025 1:02:28 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCPY6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0760766	-.004525	3.234296	.0093360	.0241270	24.09328
Stddev	.0047190	.001154	.000334	.0023962	.0016135	.02289
%RSD	6.202899	25.50103	.0103167	25.66621	6.687618	.0950194
#1	.0815236	-.005724	3.234454	.0068455	.0248598	24.10820
#2	.0732241	-.003422	3.233912	.0095372	.0252441	24.10472
#3	.0734822	-.004429	3.234521	.0116253	.0222771	24.06692

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.26998	.0024444	.1038723	F 1179.522	.0814758	.0876666
Stddev	.06620	.0000508	.0002266	7.920	.0005901	.0006825
%RSD	.5395086	2.078517	.2181714	.6714525	.7242663	.7785777
#1	12.33487	.0024775	.1041338	1178.003	.0817908	.0880684
#2	12.27252	.0023859	.1037339	1188.091	.0818416	.0868785
#3	12.20255	.0024699	.1037491	1172.471	.0807951	.0880528

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2739489	127.9725	6.305647	662.7345	.0947372	.0027294
Stddev	.0043898	.0837	.021845	.9207	.0009057	.0005626
%RSD	1.602399	.0654392	.3464433	.1389207	.9559606	20.61323
#1	.2788836	127.9159	6.321917	661.7642	.0951582	.0025944
#2	.2724850	127.9329	6.280818	662.8435	.0936977	.0033472
#3	.2704782	128.0687	6.314207	663.5958	.0953558	.0022465

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.276131	.1654559	27.33323	1.244838	2.456738	.5563025
Stddev	.639575	.0021610	.17184	.026094	.012286	.0012620
%RSD	231.6200	1.306091	.6286866	2.096197	.5001090	.2268474
#1	-.725683	.1641406	27.47945	1.266626	2.466805	.5553598
#2	.456073	.1679500	27.14395	1.251968	2.443047	.5558115
#3	-.558782	.1642772	27.37629	1.215920	2.460360	.5577361

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1044-11 Acquired: 1/24/2025 1:02:28 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCPY6 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0052178	F 74.32349	5.723502	.0010344	.6712339	.0381536
Stddev	.0009234	.14612	.005901	.0007695	.0032162	.0011166
%RSD	17.69784	.1965947	.1030996	74.38784	.4791487	2.926678
#1	.0057615	74.47928	5.727863	.0004244	.6749126	.0393939
#2	.0041516	74.18949	5.716787	.0007799	.6689537	.0372283
#3	.0057403	74.30170	5.725855	.0018989	.6698354	.0378387

Elem	Sr4077
Units	ppm
Avg	.5270274
Stddev	.0020137
%RSD	.3820943
#1	.5288277
#2	.5248527
#3	.5274018

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3037.181	61879.69	9371.613	2125.727	3224.338
Stddev	9.613	70.48	3.095	8.578	6.045
%RSD	.3165205	.1138943	.0330212	.4035422	.1874858
#1	3030.807	61871.75	9368.884	2121.303	3218.399
#2	3032.497	61953.81	9374.975	2135.614	3224.130
#3	3048.239	61813.53	9370.981	2120.264	3230.484

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1044-12 Acquired: 1/24/2025 1:06:40 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCPY7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0960766	.0008635	.4221639	.0432601	.0208102	98.89209	4.229725
Stddev	.0013984	.0010341	.0010228	.0020360	.0005033	.48655	.021389
%RSD	1.455514	119.7547	.2422717	4.706470	2.418592	.4919975	.5056822
#1	.0969763	.0011543	.4225293	.0411874	.0212878	99.26443	4.251683
#2	.0967880	.0017211	.4229538	.0433355	.0202846	98.34157	4.208955
#3	.0944655	-.000285	.4210086	.0452574	.0208583	99.07027	4.228536

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0077548	.0045940	10.73603	.1988270	.1881408	.0952252	216.1030
Stddev	.0001243	.0000533	.05940	.0001451	.0001208	.0032800	.9981
%RSD	1.602569	1.161075	.5532750	.0729718	.0642176	3.444453	.4618763
#1	.0078846	.0045882	10.79842	.1986667	.1880949	.0987484	217.0482
#2	.0077431	.0046500	10.68015	.1989492	.1880496	.0922600	215.0593
#3	.0076369	.0045438	10.72951	.1988650	.1882778	.0946671	216.2016

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.60347	16.30182	.1209905	.0022468	.1664094	.3748433	.5087266
Stddev	.04327	.03785	.0006665	.0003957	.0886164	.0019718	.0069251
%RSD	.3728870	.2321701	.5508744	17.61248	53.25204	.5260235	1.361263
#1	11.64488	16.33798	.1202218	.0027032	.1644844	.3731093	.5142719
#2	11.55856	16.26248	.1213432	.0020373	.2559725	.3769881	.5009645
#3	11.60696	16.30498	.1214066	.0019998	.0787711	.3744325	.5109433

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.469402	2.990807	.8978309	.0087761	2.223864	5.598163	.0108872
Stddev	.048610	.009265	.0052093	.0001659	.005236	.016451	.0002362
%RSD	.6507846	.3097658	.5802092	1.890808	.2354459	.2938556	2.169728
#1	7.465906	2.992515	.9021429	.0088155	2.229638	5.603996	.0110143
#2	7.422635	2.999098	.8920428	.0089188	2.222528	5.610902	.0106146
#3	7.519666	2.980807	.8993069	.0085940	2.219425	5.579591	.0110325

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1044-12 Acquired: 1/24/2025 1:06:40 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCPY7 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.496097	.0523356	.1130973
Stddev	.004978	.0006229	.0003946
%RSD	.3327431	1.190177	.3488608
#1	1.500907	.0529428	.1135139
#2	1.496418	.0516981	.1127293
#3	1.490966	.0523660	.1130487

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3969.284	78614.06	11135.70	2777.678	4177.064
Stddev	5.358	105.23	67.42	18.484	3.666
%RSD	.1349766	.1338569	.6053966	.6654400	.0877692
#1	3964.112	78735.56	11195.95	2775.350	4173.970
#2	3968.929	78554.40	11062.89	2797.215	4176.108
#3	3974.810	78552.21	11148.26	2760.468	4181.113

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1044-13 Acquired: 1/24/2025 1:10:37 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCPY8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0421875	-.004960	.4206027	.0003932	.0147787	29.06769
Stddev	.0038645	.002615	.0039901	.0028773	.0037794	.17805
%RSD	9.160261	52.72299	.9486644	731.8035	25.57326	.6125230
#1	.0377328	-.002450	.4203414	.0026127	.0145365	29.21898
#2	.0441905	-.004760	.4167497	.0014244	.0186733	28.87149
#3	.0446394	-.007669	.4247170	-.002858	.0111262	29.11259

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 23.14836	.0020162	.0215230	F 1355.957	.1008255	.0458291
Stddev	.27335	.0000985	.0001179	6.870	.0003481	.0005818
%RSD	1.180842	4.885497	.5480295	.5066238	.3452449	1.269522
#1	23.23796	.0021001	.0215245	1348.067	.1011679	.0465003
#2	23.36566	.0020407	.0214042	1360.610	.1008367	.0454698
#3	22.84146	.0019078	.0216401	1359.195	.1004720	.0455170

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1240635	97.99514	3.613287	775.1027	.0660447	-.000628
Stddev	.0016993	.49881	.026926	3.1848	.0004923	.000431
%RSD	1.369727	.5090173	.7451881	.4108881	.7453909	68.53939
#1	.1229173	98.53606	3.642345	778.2050	.0662037	-.000236
#2	.1232573	97.55331	3.589180	771.8413	.0654926	-.001089
#3	.1260159	97.89605	3.608337	775.2618	.0664378	-.000561

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.933369	.1711045	9.485058	1.097012	1.149952	.4272013
Stddev	.121700	.0019337	.026644	.024488	.009313	.0029360
%RSD	13.03878	1.130139	.2809096	2.232277	.8098764	.6872553
#1	-.793820	.1701916	9.515669	1.081537	1.159723	.4305091
#2	-1.01747	.1697963	9.472429	1.084255	1.141177	.4249041
#3	-.98881	.1733257	9.467077	1.125245	1.148956	.4261908

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1044-13 Acquired: 1/24/2025 1:10:37 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCPY8 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0022052	F 30.86953	6.883017	.0007043	.7252904	.0454933
Stddev	.0003306	.15497	.013179	.0008041	.0010229	.0018751
%RSD	14.99364	.5020280	.1914713	114.1800	.1410397	4.121778
#1	.0020902	30.98703	6.888477	.0012019	.7264659	.0474093
#2	.0025780	30.69389	6.867986	-.000223	.7246028	.0436619
#3	.0019475	30.92766	6.892588	.001134	.7248024	.0454088

Elem	Sr4077
Units	ppm
Avg	.6311641
Stddev	.0055496
%RSD	.8792668
#1	.6364883
#2	.6254137
#3	.6315903

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2940.418	61162.88	9269.149	2100.455	3107.803
Stddev	22.042	58.65	44.142	5.515	23.836
%RSD	.7496160	.0958925	.4762301	.2625632	.7669870
#1	2925.033	61108.80	9298.361	2099.228	3089.504
#2	2965.670	61154.61	9218.369	2095.657	3134.758
#3	2930.552	61225.23	9290.718	2106.480	3099.147

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1044-14 Acquired: 1/24/2025 1:14:51 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCPY9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0733950	-.001381	.3732947	.0293101	.0154854	59.84957	4.495886
Stddev	.0016223	.001498	.0014737	.0023173	.0018574	.19374	.008324
%RSD	2.210296	108.4748	.3947889	7.906008	11.99458	.3237194	.1851416
#1	.0751127	-.000188	.3741088	.0267363	.0134348	60.03636	4.505172
#2	.0718889	-.000892	.3715935	.0312305	.0170550	59.64955	4.493388
#3	.0731835	-.003062	.3741818	.0299634	.0159664	59.86279	4.489097

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0062835	.0047279	16.51473	.1421068	.1648214	.0646615	148.4323
Stddev	.0000773	.0000917	.03888	.0006527	.0003279	.0031868	.4912
%RSD	1.230899	1.939476	.2353965	.4592822	.1989159	4.928435	.3309570
#1	.0063199	.0048062	16.55887	.1416065	.1651443	.0654968	148.8645
#2	.0063360	.0047506	16.48559	.1418689	.1644888	.0611402	147.8980
#3	.0061947	.0046270	16.49973	.1428451	.1648310	.0673475	148.5344

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.83794	11.47605	.0945007	.0020260	-.372551	.2736616	.4541654
Stddev	.01470	.03889	.0007532	.0003002	.703928	.0022698	.0063927
%RSD	.1062504	.3388890	.7970707	14.81497	188.9479	.8294123	1.407574
#1	13.85491	11.47220	.0948967	.0022078	-.805785	.2754549	.4551893
#2	13.82972	11.43922	.0936321	.0016796	.439671	.2711097	.4599844
#3	13.82918	11.51672	.0949734	.0021906	-.751539	.2744203	.4473225

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.020176	2.678084	.6163193	.0068425	1.919366	8.340616	.0076906
Stddev	.034202	.002140	.0020296	.0002346	.007704	.005319	.0006796
%RSD	.6813006	.0799232	.3293053	3.428350	.4013755	.0637756	8.837212
#1	4.981058	2.680292	.6168388	.0070144	1.915361	8.334517	.0070824
#2	5.044445	2.677942	.6140805	.0065753	1.914489	8.344295	.0075651
#3	5.035024	2.676018	.6180386	.0069379	1.928247	8.343037	.0084242

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1044-14 Acquired: 1/24/2025 1:14:51 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCPY9 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.309172	.0272062	.1400598
Stddev	.001172	.0011571	.0002988
%RSD	.0894936	4.253023	.2133301
#1	1.310502	.0273477	.1404010
#2	1.308290	.0282861	.1399332
#3	1.308725	.0259849	.1398451

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3810.163	78333.85	10926.84	2744.035	4142.130
Stddev	3.088	120.53	35.43	11.824	10.742
%RSD	.0810368	.1538702	.3242149	.4309088	.2593458
#1	3806.848	78469.52	10967.70	2756.788	4129.748
#2	3812.957	78292.94	10904.63	2733.435	4148.965
#3	3810.685	78239.11	10908.19	2741.881	4147.677

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1044-15 Acquired: 1/24/2025 1:18:48 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCPZ0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1105527	.0001419	1.882276	.0427180	.0245165	69.79243	13.76206
Stddev	.0029538	.0022400	.006123	.0032750	.0016471	.28099	.07775
%RSD	2.671817	1578.633	.3253070	7.666534	6.718257	.4026038	.5649695
#1	.1138830	-.001803	1.875906	.0429120	.0263671	69.67145	13.79447
#2	.1082500	-.000362	1.882805	.0458918	.0239709	70.11365	13.81835
#3	.1095251	.002591	1.888118	.0393504	.0232114	69.59220	13.67334

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0059347	.0080338	31.72095	.2294485	.1225522	.1596918	229.6183
Stddev	.0001386	.0000918	.19674	.0004214	.0005311	.0026930	1.0669
%RSD	2.334960	1.142490	.6202190	.1836443	.4334048	1.686358	.4646582
#1	.0059500	.0081292	31.68809	.2294082	.1220271	.1571152	229.2271
#2	.0060650	.0079461	31.93204	.2298885	.1225403	.1594726	230.8256
#3	.0057891	.0080260	31.54270	.2290487	.1230892	.1624877	228.8021

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.250369	15.23562	.1297907	.0022140	-.097284	.3951750	1.365249
Stddev	.028417	.11665	.0012823	.0004718	.299625	.0014290	.005969
%RSD	.4546432	.7656124	.9880009	21.30911	307.9891	.3616229	.4371897
#1	6.243199	15.15936	.1284379	.0021709	.175155	.3961592	1.366950
#2	6.281685	15.36990	.1299457	.0027058	-.048821	.3958299	1.358615
#3	6.226224	15.17760	.1309885	.0017652	-.418187	.3935359	1.370183

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.740904	3.209394	.9563311	.0078231	4.591854	7.837300	.0136195
Stddev	.079806	.007998	.0063211	.0002265	.002913	.031855	.0007451
%RSD	1.183905	.2492011	.6609751	2.895695	.0634296	.4064587	5.470544
#1	6.681486	3.205210	.9557032	.0079087	4.590231	7.873303	.0139776
#2	6.831614	3.204356	.9629427	.0075662	4.590113	7.812773	.0141179
#3	6.709612	3.218616	.9503473	.0079943	4.595216	7.825824	.0127630

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1044-15 Acquired: 1/24/2025 1:18:48 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCPZ0 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.796615	.0340443	.1811511
Stddev	.001511	.0001833	.0008803
%RSD	.0840915	.5382764	.4859611
#1	1.795638	.0339526	.1812864
#2	1.798355	.0342553	.1819558
#3	1.795851	.0339250	.1802109

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3764.582	75969.23	10816.19	2683.263	4081.597
Stddev	6.534	293.39	12.49	11.650	13.709
%RSD	.1735566	.3861948	.1154980	.4341630	.3358815
#1	3770.163	75882.36	10801.76	2673.246	4091.119
#2	3766.187	75729.07	10823.42	2680.496	4087.789
#3	3757.395	76296.24	10823.38	2696.047	4065.884

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1044-16 Acquired: 1/24/2025 1:22:51 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCPZ1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0901754	-.003731	2.467282	.0355305	.0198824	64.96100
Stddev	.0033504	.003754	.004053	.0013800	.0022955	.31208
%RSD	3.715444	100.6228	.1642888	3.884028	11.54546	.4804037
#1	.0877181	-.001712	2.466474	.0342991	.0180427	64.68358
#2	.0888163	-.008063	2.463694	.0352704	.0191497	64.90054
#3	.0939918	-.001418	2.471679	.0370221	.0224549	65.29888

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 22.44208	.0070019	.0114367	126.0879	.1661654	.1751817
Stddev	.14951	.0001621	.0001289	.6849	.0007377	.0003477
%RSD	.6662075	2.315528	1.127374	.5431843	.4439405	.1984557
#1	22.36137	.0069099	.0114416	125.5960	.1657770	.1751722
#2	22.61460	.0071892	.0115631	125.7974	.1657031	.1748389
#3	22.35026	.0069068	.0113054	126.8701	.1670161	.1755341

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1421398	185.5933	12.59790	63.47534	.1400513	.0024166
Stddev	.0005911	.9496	.07084	.35267	.0008762	.0004541
%RSD	.4158461	.5116656	.5622811	.5556045	.6256027	18.79037
#1	.1417824	184.8632	12.53005	63.26575	.1390406	.0020404
#2	.1418148	185.2497	12.59226	63.27775	.1405180	.0022883
#3	.1428220	186.6668	12.67138	63.88251	.1405953	.0029210

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1385007	.3094408	1.949516	5.796868	4.052216	.7830201
Stddev	.4198649	.0038033	.008264	.023447	.010734	.0053331
%RSD	303.1500	1.229075	.4239170	.4044792	.2648998	.6810956
#1	.2395039	.3105394	1.944902	5.769857	4.040197	.7785317
#2	-.322653	.3125738	1.944589	5.808759	4.055601	.7816129
#3	.498651	.3052091	1.959057	5.811986	4.060850	.7889157

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1044-16 Acquired: 1/24/2025 1:22:51 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCPZ1 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0086251	8.832168	7.561257	.0093665	1.433958	.0380142
Stddev	.0002868	.013574	.036836	.0004468	.004265	.0005769
%RSD	3.324753	.1536921	.4871633	4.770296	.2973934	1.517605
#1	.0089219	8.822807	7.577965	.0098755	1.438573	.0374031
#2	.0086037	8.825962	7.586778	.0091854	1.433136	.0380901
#3	.0083496	8.847736	7.519028	.0090388	1.430164	.0385494

Elem	Sr4077
Units	ppm
Avg	.2710903
Stddev	.0013390
%RSD	.4939347
#1	.2698015
#2	.2709950
#3	.2724744

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3703.129	76451.57	10938.67	2665.305	3905.956
Stddev	1.370	110.22	57.45	8.953	6.512
%RSD	.0370006	.1441737	.5251795	.3359268	.1667092
#1	3701.549	76499.42	10888.04	2661.281	3905.124
#2	3703.856	76529.78	10926.87	2675.565	3912.844
#3	3703.983	76325.51	11001.10	2659.070	3899.900

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: CCV009 Acquired: 1/24/2025 1:26:56 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV009 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.687432	4.665547	24.01235	4.648491	4.707919	381.1188
Stddev	.010582	.038042	.05601	.002475	.006997	1.4680
%RSD	.2257543	.8153761	.2332600	.0532400	.1486139	.3851714
#1	4.676295	4.699523	24.04807	4.645988	4.701709	379.6165
#2	4.697355	4.672672	23.94779	4.650937	4.715500	382.5499
#3	4.688648	4.624447	24.04117	4.648549	4.706548	381.1900

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.706822	.4941967	2.444287	383.4958	15.35648	2.423398
Stddev	.075188	.0022622	.006347	.5680	.00453	.006062
%RSD	.7745842	.4577460	.2596491	.1481146	.0294796	.2501280
#1	9.686978	.4919656	2.450450	383.7089	15.36102	2.423491
#2	9.789941	.4964887	2.437772	383.9264	15.35196	2.417291
#3	9.643547	.4941359	2.444640	382.8520	15.35646	2.429413

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.38126	395.0860	14.47790	388.2816	2.424542	1.255492
Stddev	.08335	.8171	.03146	.2466	.006609	.002639
%RSD	.5796038	.2068037	.2172794	.0635080	.2725687	.2101864
#1	14.28526	395.9550	14.44210	388.4226	2.427134	1.255685
#2	14.42332	394.3334	14.49047	388.4254	2.417030	1.258029
#3	14.43521	394.9697	14.50112	387.9969	2.429461	1.252762

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	376.7552	2.435044	14.79659	144.8456	5.020522	F 5.857112
Stddev	2.8370	.001561	.02720	.4336	.012355	.004137
%RSD	.7530022	.0641204	.1838330	.2993816	.2460844	.0706279
#1	373.4919	2.433952	14.77261	145.2480	5.031863	5.854298
#2	378.6347	2.434349	14.79100	144.3863	5.007357	5.861862
#3	378.1390	2.436833	14.82615	144.9025	5.022345	5.855177

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: CCV009 Acquired: 1/24/2025 1:26:56 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV009 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.699451	4.894571	4.822265	4.942940	4.814420	4.687312
Stddev	.001709	.014935	.032436	.016288	.018921	.014530
%RSD	.0363708	.3051311	.6726382	.3295120	.3930139	.3099922
#1	4.700798	4.899995	4.785935	4.956864	4.793740	4.693335
#2	4.697528	4.877682	4.848317	4.925029	4.830864	4.670739
#3	4.700027	4.906036	4.832544	4.946928	4.818657	4.697863

Elem	Sr4077
Units	ppm
Avg	4.897818
Stddev	.018521
%RSD	.3781425
#1	4.881013
#2	4.917675
#3	4.894765

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2894.315	61183.54	9226.074	2122.392	3288.149
Stddev	3.945	157.88	63.628	2.579	11.598
%RSD	.1363131	.2580506	.6896531	.1215078	.3527346
#1	2891.725	61311.58	9284.309	2124.915	3279.589
#2	2898.856	61007.13	9158.162	2119.761	3301.349
#3	2892.364	61231.92	9235.751	2122.500	3283.509

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: CCB009 Acquired: 1/24/2025 1:31:14 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB009 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001741	.0000569	-.001178	.0020448	.0000298	.0065400	-.001088
Stddev	.000413	.0006157	.001208	.0028936	.0009525	.0026592	.001208
%RSD	23.71943	1081.385	102.5361	141.5118	3199.915	40.66083	110.9450
#1	-.001289	-.000577	-.001767	-.001296	-.000678	.0045605	.000123
#2	-.002098	.000094	-.001980	.003686	.001113	.0095626	-.001097
#3	-.001836	.000653	.000211	.003745	-.000345	.0054968	-.002292

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000034	.0000012	.0119875	.0006516	-.000029	-.000432	.0101399
Stddev	.000010	.0000520	.0076251	.0002378	.000158	.002008	.0057273
%RSD	30.33613	4353.466	63.60866	36.50097	542.7419	464.7251	56.48260
#1	-.000035	.0000519	.0156461	.0004677	.000136	-.002405	.0048430
#2	-.000023	-.000052	.0032226	.0009202	-.000044	.001610	.0162175
#3	-.000044	.000004	.0170938	.0005668	-.000180	-.000501	.0093593

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003513	.0237380	.0001807	-.000344	.0380086	.0022338	.0001143
Stddev	.0003394	.0039911	.0003215	.000423	.2237358	.0010601	.0006887
%RSD	96.63384	16.81320	177.9297	122.7332	588.6447	47.45448	602.7833
#1	.0004449	.0198094	.0002436	-.000497	.2437579	.0034308	.0008640
#2	.0006341	.0236157	.0004660	.000133	.0704415	.0014135	-.000490
#3	-.000025	.0277889	-.000168	-.000670	-.200174	.0018573	-.000031

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.223224	.0038457	.0027290	-.000027	.0009089	.0043739	-.000033
Stddev	.084481	.0010645	.0002503	.000105	.0010673	.0020144	.000655
%RSD	37.84585	27.67971	9.173958	390.7826	117.4340	46.05499	2004.556
#1	-.320614	.0050407	.0030143	.000094	.0005264	.0024491	.000385
#2	-.179379	.0034975	.0026265	-.000076	.0021148	.0042053	.000305
#3	-.169680	.0029989	.0025461	-.000099	.0000855	.0064674	-.000787

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: CCB009 Acquired: 1/24/2025 1:31:14 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB009 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0000493	-.005378	.0001119
Stddev	.0001311	.000705	.0000230
%RSD	265.8885	13.10561	20.59378
#1	.0000551	-.006186	.0001083
#2	.0001774	-.004890	.0001365
#3	-.000085	-.005058	.0000909

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3610.912	72900.47	9737.517	2560.399	4479.426
Stddev	4.446	170.12	34.906	13.354	8.233
%RSD	.1231219	.2333653	.3584679	.5215597	.1837985
#1	3607.538	72848.29	9698.303	2570.546	4480.834
#2	3615.950	72762.55	9749.051	2545.270	4486.865
#3	3609.248	73090.57	9765.195	2565.381	4470.580

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1044-17 Acquired: 1/24/2025 1:35:23 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCPZ2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0761059	-.000440	2.488641	.0279828	.0165121	45.40315
Stddev	.0012961	.003462	.003569	.0009985	.0006892	.25720
%RSD	1.703066	785.8519	.1434244	3.568447	4.173647	.5664793
#1	.0748306	.001904	2.489622	.0291256	.0158006	45.63081
#2	.0774219	.001191	2.484684	.0272787	.0165593	45.12416
#3	.0760653	-.004416	2.491617	.0275440	.0171765	45.45448

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.60655	.0051809	.0111132	196.4331	.1214013	.1499504
Stddev	.09008	.0000459	.0000268	1.2040	.0003286	.0001261
%RSD	.5116129	.8848983	.2410741	.6129128	.2706772	.0841208
#1	17.51251	.0051382	.0110967	197.0911	.1217527	.1498553
#2	17.61506	.0051751	.0111441	195.0435	.1211016	.1499025
#3	17.69206	.0052293	.0110987	197.1646	.1213497	.1500935

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1400597	154.0088	9.316722	104.4659	.1132611	.0017903
Stddev	.0009916	.7481	.056663	.5981	.0009590	.0003847
%RSD	.7079883	.4857469	.6081865	.5724948	.8466797	21.48817
#1	.1398858	154.5407	9.341534	104.7929	.1142157	.0019554
#2	.1411268	153.1534	9.251885	103.7756	.1122979	.0013506
#3	.1391666	154.3324	9.356747	104.8291	.1132698	.0020648

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5446363	.2153053	2.437972	3.904279	3.108203	.6492212
Stddev	.3024366	.0022268	.013933	.098708	.003796	.0040286
%RSD	55.53002	1.034228	.5715026	2.528192	.1221436	.6205308
#1	.6381687	.2131763	2.452485	3.883717	3.108350	.6524708
#2	.7892575	.2151210	2.436730	3.817471	3.111924	.6447137
#3	.2064826	.2176184	2.424702	4.011648	3.104336	.6504791

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1044-17 Acquired: 1/24/2025 1:35:23 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCPZ2 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0064098	F 23.32282	6.141743	.0183211	1.235815	.0266630
Stddev	.0002673	.03658	.029303	.0011011	.004154	.0004290
%RSD	4.170066	.1568271	.4771157	6.010192	.3361003	1.608903
#1	.0064554	23.28511	6.137385	.0170562	1.232591	.0268063
#2	.0066514	23.32520	6.114863	.0188419	1.234350	.0261807
#3	.0061227	23.35815	6.172982	.0190652	1.240502	.0270020

Elem	Sr4077
Units	ppm
Avg	.2247944
Stddev	.0011500
%RSD	.5115670
#1	.2255949
#2	.2234766
#3	.2253117

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3575.436	71716.67	10450.67	2494.767	3855.288
Stddev	4.216	408.55	41.08	1.741	4.352
%RSD	.1179084	.5696683	.3931260	.0697865	.1128919
#1	3579.441	71544.15	10477.00	2493.390	3857.439
#2	3575.829	72183.17	10471.69	2496.724	3858.146
#3	3571.037	71422.67	10403.33	2494.188	3850.279

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1044-18 Acquired: 1/24/2025 1:39:26 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCPZ3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1098251	-.006966	9.795141	.0266448	.0223232	29.64163
Stddev	.0007956	.001426	.006450	.0024773	.0034634	.19611
%RSD	.7244432	20.46439	.0658475	9.297496	15.51483	.6616188
#1	.1096486	-.008463	9.788224	.0237873	.0202727	29.77938
#2	.1106941	-.005625	9.796210	.0279587	.0263219	29.41709
#3	.1091325	-.006810	9.800990	.0281884	.0203749	29.72840

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 27.19433	.0049630	.0752237	355.9395	.1673601	.2456956
Stddev	.18941	.0000821	.0000785	2.6836	.0011054	.0005001
%RSD	.6965065	1.654208	.1043060	.7539347	.6604707	.2035275
#1	27.40485	.0048766	.0752941	358.8197	.1678268	.2453203
#2	27.14043	.0050400	.0752379	355.4892	.1660980	.2455032
#3	27.03771	.0049723	.0751392	353.5096	.1681556	.2462633

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2880544	175.1770	12.04154	176.9419	.1655496	.0117571
Stddev	.0033320	.9344	.10313	.7680	.0002187	.0002026
%RSD	1.156734	.5333781	.8564861	.4340512	.1320798	1.723662
#1	.2916436	175.9181	12.14660	177.4992	.1657600	.0118622
#2	.2874601	174.1274	11.94044	176.0658	.1653236	.0118857
#3	.2850595	175.4856	12.03760	177.2606	.1655653	.0115235

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.013322	.1964736	6.790649	2.889361	3.465414	.7466236
Stddev	.170906	.0010125	.074714	.064402	.006332	.0051031
%RSD	1282.851	.5153283	1.100247	2.228939	.1827309	.6834895
#1	-.018246	.1953888	6.868517	2.945736	3.458483	.7509967
#2	-.181713	.1973935	6.719549	2.819173	3.466864	.7410167
#3	.159993	.1966385	6.783881	2.903174	3.470896	.7478575

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1044-18 Acquired: 1/24/2025 1:39:26 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCPZ3 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0051830	F 17.16635	6.071145	.0077743	.9006849	.0220887
Stddev	.0003595	.01269	.006085	.0007890	.0035654	.0011894
%RSD	6.936998	.0738968	.1002364	10.14884	.3958558	5.384785
#1	.0053110	17.15395	6.078165	.0074251	.9040477	.0213314
#2	.0047770	17.17930	6.067901	.0072202	.9010603	.0214749
#3	.0054611	17.16579	6.067369	.0086777	.8969466	.0234596

Elem	Sr4077
Units	ppm
Avg	.3108398
Stddev	.0030253
%RSD	.9732501
#1	.3140013
#2	.3079722
#3	.3105458

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3495.670	71829.49	10637.08	2506.862	3603.820
Stddev	3.973	211.27	54.68	14.822	1.603
%RSD	.1136637	.2941258	.5140666	.5912458	.0444944
#1	3491.675	71614.24	10658.64	2491.210	3603.047
#2	3499.621	72036.54	10574.91	2520.683	3602.749
#3	3495.713	71837.69	10677.71	2508.694	3605.663

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1044-19 Acquired: 1/24/2025 1:43:38 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCPZ4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0878532	-.003276	1.895429	.0362879	.0202678	65.94294
Stddev	.0017357	.001073	.002598	.0023828	.0002819	.29093
%RSD	1.975728	32.75292	.1370858	6.566421	1.390694	.4411788
#1	.0885262	-.003800	1.896517	.0338464	.0204872	66.21816
#2	.0858818	-.003986	1.892464	.0386073	.0199499	65.97213
#3	.0891517	-.002042	1.897307	.0364099	.0203663	65.63851

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 26.28794	.0065575	.0092023	32.76073	.1526044	.1698619
Stddev	.09097	.0000417	.0000536	.09213	.0003000	.0006932
%RSD	.3460619	.6358293	.5824465	.2812226	.1965664	.4080986
#1	26.33214	.0065133	.0091497	32.83938	.1525090	.1692477
#2	26.18331	.0065631	.0092004	32.78345	.1529405	.1697244
#3	26.34836	.0065962	.0092569	32.65937	.1523638	.1706135

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1649318	186.0382	10.41539	16.62445	.1473653	.0027397
Stddev	.0000730	.5172	.01975	.04554	.0005683	.0004326
%RSD	.0442350	.2779898	.1896115	.2739468	.3856396	15.79153
#1	.1648783	186.3591	10.43806	16.61072	.1480142	.0031172
#2	.1650149	186.3140	10.40193	16.67527	.1471257	.0028344
#3	.1649023	185.4416	10.40617	16.58734	.1469561	.0022676

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.189936	.2990311	1.710136	5.958488	4.092575	.7768823
Stddev	.172783	.0015187	.006249	.022201	.002986	.0022110
%RSD	90.96898	.5078904	.3654276	.3725921	.0729592	.2846026
#1	-.383993	.2990185	1.703154	5.983932	4.093061	.7789646
#2	-.052780	.3005561	1.712048	5.948472	4.095288	.7771205
#3	-.133034	.2975187	1.715206	5.943060	4.089376	.7745618

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1044-19 Acquired: 1/24/2025 1:43:38 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCPZ4 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0068958	7.370501	7.914807	.0113433	1.629924	.0347406
Stddev	.0006072	.011192	.021758	.0014246	.004001	.0005771
%RSD	8.805271	.1518531	.2749037	12.55863	.2454973	1.661111
#1	.0063117	7.359108	7.936625	.0098691	1.634464	.0350203
#2	.0075237	7.370914	7.893109	.0114484	1.626911	.0340770
#3	.0068521	7.381481	7.914687	.0127124	1.628398	.0351245

Elem	Sr4077
Units	ppm
Avg	.2222072
Stddev	.0011878
%RSD	.5345570
#1	.2235487
#2	.2217838
#3	.2212890

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3753.251	76595.04	10800.29	2691.766	4059.089
Stddev	2.746	73.01	52.63	6.918	3.215
%RSD	.0731527	.0953207	.4872971	.2570193	.0792149
#1	3752.508	76675.10	10859.43	2699.729	4062.753
#2	3756.291	76532.14	10782.86	2687.231	4057.780
#3	3750.953	76577.88	10758.59	2688.338	4056.735

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1044-20 Acquired: 1/24/2025 1:47:42 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCPZ5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0805560	-.003630	1.409888	.0285217	.0190720	50.74117
Stddev	.0026784	.000845	.007222	.0041658	.0008594	.39406
%RSD	3.324925	23.28698	.5122315	14.60577	4.505993	.7766111
#1	.0833864	-.003685	1.412000	.0300877	.0182733	50.41430
#2	.0802205	-.004447	1.415818	.0237998	.0199814	51.17874
#3	.0780611	-.002759	1.401845	.0316776	.0189613	50.63046

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 27.05683	.0074751	.0098278	65.98674	.1466435	.1918444
Stddev	.15559	.0001008	.0000553	.40644	.0011847	.0006347
%RSD	.5750504	1.348445	.5630906	.6159482	.8079058	.3308483
#1	26.91119	.0075910	.0097697	65.62874	.1472397	.1918626
#2	27.22076	.0074075	.0098798	66.42856	.1474117	.1924698
#3	27.03856	.0074269	.0098340	65.90292	.1452791	.1912008

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2212595	145.9708	15.07835	13.99937	.1497310	.0027085
Stddev	.0022090	1.1113	.08584	.05013	.0010713	.0004666
%RSD	.9983907	.7613078	.5692902	.3580826	.7154553	17.22937
#1	.2220039	145.0504	14.99347	13.94203	.1489802	.0021872
#2	.2187745	147.2053	15.16512	14.03489	.1509578	.0028510
#3	.2230002	145.6565	15.07647	14.02119	.1492551	.0030872

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.020729	.2194594	1.967697	8.035959	7.862593	.6372798
Stddev	.337768	.0032464	.012757	.022189	.026948	.0060274
%RSD	1629.459	1.479283	.6483149	.2761248	.3427353	.9457961
#1	-.197323	.2157270	1.953817	8.014227	7.886865	.6326375
#2	.368730	.2216279	1.978909	8.058579	7.867319	.6440916
#3	-.233593	.2210231	1.970364	8.035072	7.833595	.6351105

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1044-20 Acquired: 1/24/2025 1:47:42 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCPZ5 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0073031	9.560727	7.180454	.0146681	1.409714	.0276943
Stddev	.0004130	.035643	.030382	.0002490	.005983	.0005394
%RSD	5.655493	.3728023	.4231185	1.697567	.4244126	1.947810
#1	.0068284	9.580780	7.165613	.0143837	1.410274	.0271674
#2	.0074998	9.581826	7.160345	.0148471	1.403471	.0282455
#3	.0075810	9.519574	7.215404	.0147736	1.415397	.0276701

Elem	Sr4077
Units	ppm
Avg	.3879585
Stddev	.0030511
%RSD	.7864385
#1	.3851441
#2	.3912010
#3	.3875303

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3771.750	77201.59	10947.44	2708.489	4014.127
Stddev	19.268	188.26	72.99	12.650	23.566
%RSD	.5108599	.2438529	.6667048	.4670592	.5870799
#1	3764.065	77335.46	10910.39	2718.833	4004.420
#2	3757.509	76986.33	11031.52	2694.385	3996.965
#3	3793.675	77282.98	10900.41	2712.248	4040.997

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1044-21 Acquired: 1/24/2025 1:51:46 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCPZ6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1075361	-.006387	4.528634	.0357432	.0245820	40.96566
Stddev	.0023138	.001544	.002425	.0019086	.0008384	.27041
%RSD	2.151686	24.17755	.0535417	5.339761	3.410630	.6600936
#1	.1051064	-.007842	4.526090	.0353476	.0237628	40.66599
#2	.1097133	-.006551	4.528893	.0378186	.0254384	41.19145
#3	.1077886	-.004767	4.530919	.0340633	.0245448	41.03954

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 34.30765	.0068475	.0435347	131.2300	.1867157	.1873050
Stddev	.31064	.0000714	.0000573	.8223	.0010743	.0003618
%RSD	.9054437	1.042331	.1316384	.6266173	.5753671	.1931426
#1	34.37784	.0068013	.0435813	130.3215	.1861654	.1873662
#2	34.57719	.0068116	.0435521	131.9234	.1879536	.1876323
#3	33.96792	.0069297	.0434707	131.4451	.1860280	.1869165

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5035032	186.1812	13.76413	56.49180	.1610710	.0036291
Stddev	.0023098	1.2987	.08027	.39361	.0003009	.0001056
%RSD	.4587466	.6975632	.5831541	.6967585	.1868382	2.910250
#1	.5049008	184.6981	13.67940	56.03757	.1612916	.0037294
#2	.5047716	187.1151	13.83902	56.73261	.1611933	.0036392
#3	.5008371	186.7304	13.77398	56.70522	.1607282	.0035189

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.009779	.2375465	9.749553	4.906758	6.499199	.7966256
Stddev	.172247	.0016862	.022618	.028978	.008832	.0075926
%RSD	1761.421	.7098340	.2319873	.5905814	.1358960	.9530901
#1	.172670	.2380800	9.725604	4.874224	6.499445	.7879297
#2	-.169584	.2389014	9.752506	4.929800	6.507905	.8019397
#3	-.032422	.2356581	9.770549	4.916251	6.490246	.8000072

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1044-21 Acquired: 1/24/2025 1:51:46 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCPZ6 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0091995	F 13.53066	7.113215	.0726442	1.218022	.0221545
Stddev	.0004163	.03057	.027731	.0009861	.003354	.0007958
%RSD	4.525521	.2259065	.3898471	1.357453	.2753941	3.592290
#1	.0087412	13.56292	7.131911	.0737496	1.220053	.0216500
#2	.0093029	13.50213	7.126379	.0723283	1.219863	.0230719
#3	.0095544	13.52694	7.081354	.0718548	1.214150	.0217415

Elem	Sr4077
Units	ppm
Avg	.3501843
Stddev	.0020470
%RSD	.5845636
#1	.3481690
#2	.3522617
#3	.3501223

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3616.077	74310.23	10633.92	2578.847	3878.404
Stddev	3.545	161.25	44.82	8.763	3.517
%RSD	.0980365	.2169968	.4214748	.3397895	.0906765
#1	3613.541	74493.65	10582.27	2578.565	3881.158
#2	3620.128	74246.24	10662.62	2587.747	3874.442
#3	3614.562	74190.79	10656.86	2570.229	3879.610

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1044-22 Acquired: 1/24/2025 1:55:48 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCPZ7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0816160	-.008707	23.43573	.0125378	.0299974	13.25483
Stddev	.0015259	.001299	.05926	.0002922	.0020831	.14908
%RSD	1.869612	14.91785	.2528647	2.330190	6.944354	1.124741
#1	.0828175	-.007834	23.38229	.0123242	.0303657	13.24625
#2	.0821313	-.010200	23.42543	.0128707	.0318719	13.40801
#3	.0798991	-.008089	23.49946	.0124185	.0277548	13.11022

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.89219	.0022715	.1094215	F 1982.467	.0753072	.0873067
Stddev	.16302	.0000162	.0003694	4.285	.0005746	.0004363
%RSD	1.264518	.7145097	.3375784	.2161342	.7630613	.4996982
#1	13.05828	.0022615	.1090166	1985.449	.0757836	.0869700
#2	12.88585	.0022628	.1095080	1984.395	.0754690	.0877996
#3	12.73242	.0022903	.1097400	1977.556	.0746690	.0871506

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2289093	179.6394	9.464195	F 1066.639	.1494983	.0053422
Stddev	.0016928	1.3301	.061766	7.769	.0008195	.0004055
%RSD	.7395186	.7404476	.6526255	.7283355	.5481405	7.590517
#1	.2304623	179.9807	9.456941	1069.569	.1487111	.0053145
#2	.2291607	180.7656	9.529267	1072.516	.1494370	.0057609
#3	.2271048	178.1719	9.406377	1057.831	.1503466	.0049513

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F -1.02477	.1526957	20.85972	.7444996	2.239299	.7956063
Stddev	.12402	.0006848	.04859	.0509089	.001586	.0065252
%RSD	12.10183	.4484791	.2329201	6.838004	.0708415	.8201505
#1	-1.14195	.1519073	20.81519	.7585456	2.240098	.7966897
#2	-.89489	.1531427	20.91154	.7869109	2.240327	.8015220
#3	-1.03747	.1530372	20.85242	.6880423	2.237472	.7886073

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1044-22 Acquired: 1/24/2025 1:55:48 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCPZ7 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0039313	F 86.81940	3.407797	.0000047	.4325629	.0603961
Stddev	.0002198	.20782	.004596	.0011619	.0023937	.0003595
%RSD	5.590961	.2393666	.1348679	24874.82	.5533813	.5952747
#1	.0040320	86.79561	3.405996	.0001019	.4298423	.0608004
#2	.0036792	86.62449	3.404375	.0011150	.4343458	.0601122
#3	.0040827	87.03808	3.413021	-.001203	.4335006	.0602758

Elem	Sr4077
Units	ppm
Avg	.8591468
Stddev	.0084879
%RSD	.9879507
#1	.8562462
#2	.8687049
#3	.8524894

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2874.902	60035.21	9363.673	2050.363	2943.511
Stddev	11.081	305.39	71.118	9.640	11.650
%RSD	.3854403	.5086769	.7595130	.4701364	.3957931
#1	2880.481	59748.67	9325.903	2039.330	2954.258
#2	2882.085	60000.49	9445.708	2057.155	2945.146
#3	2862.140	60356.48	9319.408	2054.604	2931.130

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1046-01 Acquired: 1/24/2025 2:00:01 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCQ18 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1230356	-.002084	8.606848	.0521829	.0412710	33.31354
Stddev	.0037209	.000676	.007225	.0059472	.0017984	.42653
%RSD	3.024228	32.42889	.0839433	11.39686	4.357616	1.280339
#1	.1190850	-.001311	8.604636	.0458557	.0424287	32.83338
#2	.1264736	-.002562	8.614921	.0576582	.0391992	33.64855
#3	.1235483	-.002380	8.600989	.0530349	.0421853	33.45867

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 43.01934	.0044202	.0191441	69.85791	.4124592	.0860592
Stddev	.16827	.0000975	.0001956	.71993	.0008268	.0005482
%RSD	.3911519	2.206040	1.021955	1.030559	.2004449	.6369877
#1	42.98666	.0045165	.0193384	69.03270	.4119079	.0866915
#2	43.20155	.0044225	.0191468	70.35752	.4134098	.0857171
#3	42.86980	.0043215	.0189471	70.18351	.4120599	.0857690

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4267050	273.9345	5.084744	31.15832	.1226500	.0025229
Stddev	.0056838	3.1610	.067867	.30213	.0003395	.0008494
%RSD	1.332011	1.153929	1.334713	.9696473	.2768246	33.66566
#1	.4202039	270.3279	5.008377	30.80947	.1230210	.0015846
#2	.4307348	276.2240	5.138159	31.33011	.1223547	.0032392
#3	.4291763	275.2515	5.107696	31.33538	.1225744	.0027451

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.136540	.3465464	6.461874	2.766476	3.870031	1.142991
Stddev	.259214	.0022855	.103827	.079002	.022948	.016353
%RSD	189.8446	.6595050	1.606756	2.855681	.5929584	1.430695
#1	-.432580	.3490698	6.349086	2.685175	3.893218	1.124359
#2	.049718	.3459540	6.553470	2.771295	3.869546	1.154963
#3	-.026758	.3446155	6.483065	2.842957	3.847330	1.149650

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1046-01 Acquired: 1/24/2025 2:00:01 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCQ18 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0100463	F 13.30999	6.955794	.0131473	.8856614	.0120405
Stddev	.0001105	.02699	.013141	.0010934	.0038231	.0008471
%RSD	1.100017	.2027617	.1889148	8.316215	.4316636	7.035354
#1	.0101079	13.33700	6.941461	.0134703	.8836379	.0112800
#2	.0099187	13.30995	6.958648	.0140427	.8900709	.0129535
#3	.0101123	13.28302	6.967273	.0119288	.8832753	.0118880

Elem	Sr4077
Units	ppm
Avg	.3593543
Stddev	.0055651
%RSD	1.548650
#1	.3530512
#2	.3635892
#3	.3614227

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3615.500	72378.49	10316.40	2522.693	4133.136
Stddev	.671	149.53	98.62	16.906	3.772
%RSD	.0185581	.2065906	.9559507	.6701572	.0912730
#1	3615.742	72546.54	10203.70	2540.877	4130.425
#2	3616.016	72260.15	10386.84	2507.450	4131.540
#3	3614.742	72328.77	10358.68	2519.754	4137.445

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1046-02 Acquired: 1/24/2025 2:04:03 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCQ19 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0617809	-.001690	.5010014	.0240212	.0113116	49.10718	6.148763
Stddev	.0021465	.001308	.0035103	.0011213	.0006906	.18522	.025695
%RSD	3.474301	77.43232	.7006612	4.667943	6.105614	.3771660	.4178901
#1	.0595571	-.000255	.4992704	.0252481	.0112971	49.05223	6.167123
#2	.0619451	-.001996	.4986927	.0230495	.0106283	48.95565	6.159769
#3	.0638406	-.002818	.5050410	.0237661	.0120093	49.31365	6.119399

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0055380	.0041901	23.45027	.1308619	.1653078	.0519494	114.1726
Stddev	.0001596	.0000420	.08315	.0004762	.0006120	.0017280	.4311
%RSD	2.881773	1.001964	.3545993	.3638583	.3702040	3.326266	.3776205
#1	.0056937	.0042303	23.44014	.1313925	.1649862	.0538440	113.9667
#2	.0053748	.0041466	23.37265	.1307217	.1649236	.0515441	113.8831
#3	.0055455	.0041934	23.53803	.1304716	.1660135	.0504601	114.6681

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.47748	12.63553	.0772663	.0028065	-.212052	.2092383	.6111630
Stddev	.06435	.03192	.0004544	.0001730	.294170	.0014711	.0033944
%RSD	.5606439	.2525974	.5881445	6.164666	138.7252	.7030715	.5553994
#1	11.46048	12.61653	.0767755	.0027031	-.535015	.2108474	.6095158
#2	11.42334	12.61768	.0773510	.0030062	.040574	.2079624	.6089064
#3	11.54863	12.67238	.0776725	.0027102	-.141717	.2089049	.6150667

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.083810	3.361007	.4778318	.0062729	2.788685	6.539271	.0083217
Stddev	.076003	.013374	.0027784	.0005455	.002710	.012130	.0013851
%RSD	1.495005	.3979143	.5814659	8.696743	.0971786	.1854993	16.64386
#1	5.016863	3.368214	.4763856	.0060016	2.789569	6.552429	.0081130
#2	5.068139	3.345576	.4760747	.0069009	2.785643	6.536851	.0070529
#3	5.166427	3.369233	.4810350	.0059162	2.790842	6.528533	.0097993

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1046-02 Acquired: 1/24/2025 2:04:03 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCQ19 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.094605	.0283226	.1001333
Stddev	.000758	.0010417	.0006363
%RSD	.0692878	3.677814	.6354662
#1	1.095419	.0274237	.0998663
#2	1.094479	.0294641	.0996740
#3	1.093918	.0280799	.1008596

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3700.313	76037.66	10567.87	2651.761	4146.299
Stddev	7.750	167.68	81.13	15.172	14.851
%RSD	.2094403	.2205285	.7677341	.5721406	.3581738
#1	3696.844	75858.79	10523.53	2640.057	4143.522
#2	3709.191	76062.88	10518.58	2646.325	4162.342
#3	3694.904	76191.30	10661.52	2668.903	4133.032

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1046-03 Acquired: 1/24/2025 2:08:08 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCQ19D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0611878	-.002098	.4978135	.0273841	.0118737	49.64336	6.217151
Stddev	.0015580	.001276	.0016131	.0017533	.0012728	.17711	.035229
%RSD	2.546299	60.78957	.3240435	6.402621	10.71908	.3567747	.5666347
#1	.0612542	-.003447	.4996226	.0288011	.0105667	49.83326	6.248081
#2	.0595976	-.001937	.4965247	.0254234	.0131092	49.61415	6.224568
#3	.0627115	-.000911	.4972933	.0279278	.0119452	49.48265	6.178805

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0055938	.0040836	23.66722	.1313172	.1646198	.0517785	115.5052
Stddev	.0000884	.0001445	.04958	.0002787	.0009941	.0018290	.2675
%RSD	1.579978	3.538056	.2094788	.2122116	.6038839	3.532435	.2316238
#1	.0055070	.0039944	23.72357	.1312308	.1635965	.0513759	115.8123
#2	.0056836	.0042503	23.64780	.1316289	.1646809	.0501844	115.3806
#3	.0055909	.0040060	23.63030	.1310920	.1655819	.0537754	115.3228

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.62792	12.79420	.0761372	.0025899	-.193512	.2078968	.6184375
Stddev	.02569	.04400	.0007695	.0003371	.104071	.0007406	.0056772
%RSD	.2209735	.3438715	1.010640	13.01409	53.78004	.3562550	.9179840
#1	11.65758	12.83019	.0755439	.0028175	-.278815	.2071277	.6249735
#2	11.61358	12.80726	.0758609	.0027495	-.224162	.2086052	.6156060
#3	11.61259	12.74516	.0770066	.0022027	-.077558	.2079575	.6147330

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.124273	3.308620	.4853498	.0060390	2.734912	6.576939	.0073542
Stddev	.054358	.007149	.0014392	.0001356	.007630	.012017	.0009499
%RSD	1.060795	.2160773	.2965242	2.245283	.2789786	.1827071	12.91594
#1	5.159849	3.300978	.4870100	.0058878	2.727547	6.590805	.0074091
#2	5.151269	3.309736	.4844575	.0060792	2.734407	6.569547	.0063781
#3	5.061702	3.315145	.4845817	.0061499	2.742782	6.570467	.0082755

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1046-03 Acquired: 1/24/2025 2:08:08 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCQ19D Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.096666	.0288034	.1012571
Stddev	.002658	.0011398	.0002981
%RSD	.2423725	3.957197	.2944320
#1	1.098071	.0278128	.1014266
#2	1.098327	.0300492	.1014319
#3	1.093600	.0285483	.1009129

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3752.125	75502.31	10606.23	2640.681	4212.629
Stddev	2.552	198.89	16.31	15.898	10.435
%RSD	.0680142	.2634278	.1537381	.6020302	.2476981
#1	3753.728	75273.67	10589.66	2624.485	4220.185
#2	3753.464	75635.40	10622.26	2656.262	4216.978
#3	3749.182	75597.87	10606.78	2641.295	4200.723

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1046-02LX5 Acquired: 1/24/2025 2:12:13 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCQ19L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001325	-.001603	-.000271	-.002398	-.001342	-.007225	-.016254
Stddev	.000523	.000578	.000133	.000474	.000223	.000624	.000232
%RSD	39.45400	36.08280	48.96999	19.75533	16.62665	8.634678	1.426261
#1	-.001063	-.001023	-.000318	-.002419	-.001394	-.006516	-.016053
#2	-.001927	-.001607	-.000121	-.001914	-.001535	-.007688	-.016201
#3	-.000984	-.002179	-.000373	-.002860	-.001098	-.007471	-.016508

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000623	-.000031	-.007292	.0002540	-.000037	.0007271	.0025777
Stddev	.0000384	.000009	.000860	.0000573	.000036	.0006728	.0009108
%RSD	61.58441	30.09717	11.79956	22.56123	96.43597	92.53092	35.33431
#1	.0000991	-.000023	-.006757	.0003131	.000001	-.000044	.0029356
#2	.0000653	-.000042	-.006835	.0001987	-.000043	.001196	.0032551
#3	.0000225	-.000030	-.008285	.0002501	-.000070	.001029	.0015423

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004132	.0199717	.0002393	-.000349	.1645680	.0006048	-.001274
Stddev	.0001007	.0030713	.0001358	.000154	.1831822	.0008655	.000413
%RSD	24.36151	15.37822	56.74244	44.20831	111.3109	143.1067	32.41719
#1	.0005240	.0232344	.0003179	-.000466	.3208022	.0015441	-.001393
#2	.0003274	.0171366	.0003176	-.000174	-.037035	.0004310	-.000814
#3	.0003883	.0195441	.0000825	-.000407	.209937	-.000161	-.001614

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-1.99320	-.004495	-.002625	-.000554	-.003224	-.004850	-.001304
Stddev	.00266	.000560	.000506	.000124	.000484	.001876	.000162
%RSD	.1332366	12.45637	19.29806	22.46976	15.01454	38.67869	12.40747
#1	-1.99018	-.004097	-.002040	-.000678	-.002844	-.004465	-.001360
#2	-1.99518	-.005135	-.002892	-.000554	-.003769	-.006888	-.001431
#3	-1.99423	-.004252	-.002941	-.000429	-.003059	-.003196	-.001122

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1046-02LX5 Acquired: 1/24/2025 2:12:13 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCQ19L Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000157	-.010214	-.000001
Stddev	.000191	.000345	.000018
%RSD	121.5889	3.380651	1245.224
#1	-.000295	-.009844	.000015
#2	-.000238	-.010273	-.000021
#3	.000061	-.010527	.000002

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	13190.39	250771.2	24398.50	9397.281	16635.08
Stddev	98.28	2530.8	427.20	107.779	110.06
%RSD	.7450925	1.009194	1.750920	1.146919	.6616305
#1	13124.80	247851.4	24797.29	9494.747	16563.37
#2	13303.39	252334.3	23947.66	9415.569	16761.81
#3	13142.98	252128.1	24450.56	9281.528	16580.07

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1046-04 Acquired: 1/24/2025 2:16:29 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCQ19S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1281768	.1046235	.5327054	.1867583	.1760262	53.41104	9.891380
Stddev	.0028457	.0008317	.0038445	.0019935	.0010017	.35587	.133239
%RSD	2.220129	.7949606	.7216996	1.067407	.5690815	.6662906	1.347024
#1	.1309095	.1050401	.5302839	.1884347	.1751186	53.67905	10.03732
#2	.1283907	.1051647	.5306939	.1872861	.1771010	53.00727	9.86060
#3	.1252302	.1036658	.5371384	.1845540	.1758588	53.54679	9.77623

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0995979	.1028947	23.88200	.5561738	1.148560	.5455936	118.1792
Stddev	.0005927	.0002768	.18395	.0020970	.003454	.0005601	.7366
%RSD	.5951271	.2690134	.7702453	.3770334	.3007164	.1026507	.6232657
#1	.0991089	.1025828	24.00620	.5585840	1.146576	.5449606	118.6271
#2	.1002571	.1029903	23.67067	.5547674	1.146556	.5457956	117.3291
#3	.0994276	.1031111	23.96912	.5551700	1.152548	.5460247	118.5815

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.67744	12.82754	1.068497	.0743226	-.491732	1.206090	1.522438
Stddev	.13306	.08840	.002852	.0000860	.380817	.005029	.012200
%RSD	1.049570	.6891561	.2668982	.1157694	77.44401	.4169768	.8013348
#1	12.74067	12.79869	1.066044	.0744194	-.931227	1.200651	1.530345
#2	12.52456	12.75717	1.067823	.0742547	-.284410	1.210573	1.508388
#3	12.76710	12.92676	1.071626	.0742938	-.259558	1.207045	1.528580

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.160688	3.294939	.4982251	.0058696	2.690282	6.686343	.0084084
Stddev	.098766	.005471	.0035747	.0002997	.009165	.020539	.0011949
%RSD	1.913823	.1660418	.7174863	5.105996	.3406562	.3071802	14.21114
#1	5.167039	3.288629	.5005710	.0061986	2.683681	6.674608	.0071979
#2	5.058899	3.298353	.4941109	.0056120	2.686419	6.674362	.0084400
#3	5.256125	3.297836	.4999934	.0057984	2.700746	6.710059	.0095871

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1046-04 Acquired: 1/24/2025 2:16:29 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCQ19S Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.106126	.0289131	.1024449
Stddev	.003169	.0002010	.0011338
%RSD	.2865292	.6950261	1.106729
#1	1.103848	.0286923	.1031678
#2	1.104784	.0290852	.1011382
#3	1.109745	.0289617	.1030288

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3752.175	75153.07	10583.86	2623.081	4217.064
Stddev	8.379	259.66	44.10	2.832	8.553
%RSD	.2233073	.3455125	.4166696	.1079611	.2028240
#1	3751.091	74897.95	10612.38	2619.825	4213.924
#2	3761.043	75417.05	10533.06	2624.446	4226.743
#3	3744.390	75144.22	10606.14	2624.972	4210.525

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1046-05 Acquired: 1/24/2025 2:20:30 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCQ20 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0674411	-.002507	.6814156	.0274517	.0121991	56.05890	15.85173
Stddev	.0035022	.003026	.0033632	.0021385	.0010145	.18368	.18462
%RSD	5.192958	120.7137	.4935536	7.789969	8.316489	.3276543	1.164668
#1	.0700161	.000353	.6788077	.0297147	.0133407	55.96063	16.03161
#2	.0634532	-.002198	.6802275	.0254646	.0114005	55.94527	15.66271
#3	.0688541	-.005675	.6852115	.0271758	.0118560	56.27081	15.86087

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0075092	.0059660	71.77968	.1305118	.2018151	.0725258	129.9689
Stddev	.0001184	.0000460	.12610	.0007531	.0006142	.0012170	.3956
%RSD	1.577106	.7717218	.1756800	.5770237	.3043294	1.678013	.3044172
#1	.0075645	.0059244	71.65293	.1296441	.2015074	.0737593	129.8644
#2	.0075898	.0059580	71.78098	.1309948	.2014156	.0713261	129.6361
#3	.0073732	.0060155	71.90512	.1308965	.2025223	.0724920	130.4063

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.62632	38.11509	.0980764	.0026698	-.021694	.2434731	.7030723
Stddev	.03836	.11933	.0003697	.0005550	.246961	.0024122	.0068227
%RSD	.2454901	.3130886	.3769141	20.78803	1138.397	.9907240	.9704092
#1	15.58741	38.07132	.0980653	.0028058	-.252339	.2439360	.6985891
#2	15.62745	38.02383	.0977125	.0020594	.238859	.2456203	.7109241
#3	15.66411	38.25013	.0984516	.0031441	-.051600	.2408631	.6997037

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.650575	2.983211	.5461036	.0074460	4.742508	6.509930	.0079216
Stddev	.005778	.022901	.0024804	.0000536	.034591	.021890	.0009099
%RSD	.1582713	.7676605	.4542024	.7199535	.7293797	.3362523	11.48585
#1	3.644982	2.967398	.5456056	.0074420	4.721557	6.499681	.0079637
#2	3.656521	2.972762	.5439100	.0073945	4.723532	6.535065	.0069914
#3	3.650220	3.009472	.5487953	.0075015	4.782433	6.495046	.0088097

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1046-05 Acquired: 1/24/2025 2:20:30 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCQ20 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.221343	.0348575	.1638203
Stddev	.002502	.0007045	.0005070
%RSD	.2048332	2.021218	.3094954
#1	1.219217	.0340526	.1632803
#2	1.224099	.0351576	.1638945
#3	1.220712	.0353623	.1642862

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3676.347	74584.38	10622.51	2613.772	3978.783
Stddev	9.008	133.47	18.17	6.069	15.819
%RSD	.2450204	.1789559	.1710076	.2322062	.3975779
#1	3685.880	74642.41	10615.91	2620.780	3991.383
#2	3675.182	74679.02	10608.57	2610.327	3983.936
#3	3667.978	74431.72	10643.05	2610.208	3961.030

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1046-06 Acquired: 1/24/2025 2:24:35 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCQ21 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0459656	-.001540	.2846739	.0187249	.0116549	41.95572	3.178838
Stddev	.0033674	.000413	.0017332	.0024088	.0002753	.23198	.026758
%RSD	7.325933	26.80702	.6088312	12.86425	2.362161	.5529059	.8417678
#1	.0484366	-.001923	.2836670	.0181862	.0119537	41.91447	3.195861
#2	.0421301	-.001593	.2836795	.0213574	.0115993	42.20556	3.192658
#3	.0473302	-.001103	.2866752	.0166310	.0114116	41.74714	3.147996

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0041892	.0028536	25.71607	.0931615	.1169199	.0535149	98.22719
Stddev	.0000858	.0000403	.16753	.0007004	.0004729	.0009820	.44315
%RSD	2.047315	1.412114	.6514608	.7518373	.4044714	1.834965	.4511474
#1	.0041317	.0028278	25.76347	.0929891	.1164032	.0525086	98.06927
#2	.0041481	.0028329	25.85480	.0939321	.1170253	.0535656	98.72767
#3	.0042877	.0029000	25.52995	.0925634	.1173313	.0544706	97.88463

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.533265	14.11592	.0609885	.0012460	-.219641	.1810508	.3316526
Stddev	.045650	.10870	.0001736	.0004866	.422443	.0007629	.0027554
%RSD	.6987278	.7700653	.2846765	39.05092	192.3338	.4213498	.8307995
#1	6.557043	14.06348	.0610776	.0008573	-.706530	.1813488	.3344180
#2	6.562118	14.24090	.0610995	.0017917	.049530	.1816196	.3316324
#3	6.480635	14.04338	.0607885	.0010891	-.001921	.1801839	.3289074

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.064408	3.066001	.4118014	.0057389	1.869157	7.041512	.0058144
Stddev	.047166	.012666	.0028378	.0000332	.005406	.024268	.0005713
%RSD	1.160468	.4131023	.6891094	.5780660	.2892096	.3446361	9.826313
#1	4.107956	3.064611	.4120159	.0057033	1.863815	7.069468	.0062323
#2	4.070958	3.054088	.4145259	.0057444	1.869032	7.025871	.0051633
#3	4.014309	3.079305	.4088625	.0057690	1.874625	7.029198	.0060475

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1046-06 Acquired: 1/24/2025 2:24:35 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCQ21 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8421111	.0229033	.0819836
Stddev	.0022910	.0008643	.0005778
%RSD	.2720544	3.773644	.7047359
#1	.8446928	.0222504	.0822706
#2	.8413199	.0238835	.0823616
#3	.8403205	.0225762	.0813185

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3716.130	75493.24	10618.09	2616.574	4215.183
Stddev	10.944	93.96	65.45	8.837	16.684
%RSD	.2945102	.1244647	.6164436	.3377257	.3958159
#1	3715.536	75388.48	10600.75	2608.316	4210.979
#2	3727.360	75521.16	10690.47	2615.512	4233.568
#3	3705.495	75570.08	10563.05	2625.894	4201.003

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1046-07 Acquired: 1/24/2025 2:28:34 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCQ22 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0465738	-.000222	.3307364	.0238457	.0129699	47.60336	3.140043
Stddev	.0017833	.002787	.0020302	.0010033	.0008416	.43279	.029737
%RSD	3.828980	1253.335	.6138261	4.207285	6.488661	.9091653	.9470294
#1	.0448873	-.003379	.3328274	.0228795	.0137523	47.12059	3.111071
#2	.0463939	.001898	.3287731	.0237752	.0120796	47.95660	3.170491
#3	.0484403	.000814	.3306086	.0248823	.0130777	47.73289	3.138567

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0036358	.0028324	9.519813	.1134751	.1007093	.0390703	117.0434
Stddev	.0000986	.0000438	.076056	.0003589	.0001118	.0006744	1.0784
%RSD	2.713252	1.545863	.7989258	.3162720	.1110046	1.726199	.9213282
#1	.0037403	.0028394	9.448130	.1131552	.1007910	.0385790	115.8630
#2	.0035443	.0027856	9.599595	.1134069	.1005819	.0398392	117.9769
#3	.0036228	.0028723	9.511714	.1138632	.1007551	.0387926	117.2902

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.494597	8.124650	.0662632	.0014157	.0380950	.1998843	.3309326
Stddev	.040919	.077317	.0004567	.0005848	.4270370	.0019575	.0037821
%RSD	.7447122	.9516391	.6892546	41.31196	1120.979	.9792967	1.142859
#1	5.457499	8.054251	.0664477	.0007801	.2830297	.1984095	.3285742
#2	5.538487	8.207399	.0657431	.0015358	-.455001	.2021051	.3352950
#3	5.487806	8.112301	.0665988	.0019311	.286257	.1991383	.3289285

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.904428	1.743913	.4853808	.0050390	1.371813	6.662240	.0070591
Stddev	.022749	.006638	.0051898	.0002151	.008569	.033338	.0005702
%RSD	.7832560	.3806292	1.069231	4.267899	.6246765	.5004045	8.077704
#1	2.887496	1.743311	.4797659	.0047988	1.364906	6.683274	.0075677
#2	2.930287	1.737597	.4900018	.0051045	1.369131	6.679645	.0071670
#3	2.895501	1.750832	.4863746	.0052137	1.381403	6.623802	.0064427

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1046-07 Acquired: 1/24/2025 2:28:34 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCQ22 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.215024	.0273876	.0730766
Stddev	.003931	.0006614	.0005216
%RSD	.3235565	2.414853	.7137389
#1	1.214685	.0271761	.0725561
#2	1.219114	.0281289	.0735992
#3	1.211273	.0268579	.0730745

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3748.967	74902.42	10417.00	2608.172	4287.349
Stddev	4.142	270.76	73.41	7.978	7.168
%RSD	.1104920	.3614815	.7047101	.3058808	.1671814
#1	3751.957	75017.11	10338.45	2614.797	4285.110
#2	3750.706	74593.20	10428.68	2599.317	4295.368
#3	3744.239	75096.97	10483.87	2610.403	4281.567

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1046-08 Acquired: 1/24/2025 2:32:32 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCQ23 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0460741	-.001127	.2798132	.0232718	.0120696	50.97725	2.143956
Stddev	.0005694	.000976	.0009283	.0028927	.0012242	.40991	.023540
%RSD	1.235917	86.63022	.3317704	12.42998	10.14293	.8041132	1.097976
#1	.0456078	-.002120	.2791397	.0251655	.0129147	51.43655	2.170730
#2	.0467088	-.001092	.2794276	.0199421	.0126283	50.64855	2.126505
#3	.0459058	-.000168	.2808721	.0247077	.0106657	50.84664	2.134633

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0030600	.0023548	7.615091	.1344424	.0863301	.0431103	110.3991
Stddev	.0000903	.0000712	.053418	.0003274	.0003472	.0028863	.7577
%RSD	2.952003	3.024507	.7014774	.2435301	.4021204	6.695117	.6863377
#1	.0031388	.0022912	7.676470	.1344407	.0860126	.0446779	111.2283
#2	.0029614	.0024318	7.579115	.1347707	.0862768	.0448735	109.7427
#3	.0030799	.0023413	7.589689	.1341159	.0867008	.0397794	110.2263

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.057956	7.916512	.0679209	.0012314	-.456871	.2025890	.3169094
Stddev	.033838	.057165	.0005972	.0006059	.082586	.0023070	.0026487
%RSD	.8338766	.7220976	.8792866	49.20363	18.07645	1.138751	.8357892
#1	4.095878	7.979046	.0673392	.0017155	-.361614	.2037094	.3199675
#2	4.030842	7.866943	.0678911	.0005519	-.508372	.1999358	.3154248
#3	4.047148	7.903547	.0685325	.0014268	-.500628	.2041218	.3153360

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.102395	1.569902	.4598143	.0050899	1.161671	7.190437	.0074834
Stddev	.060079	.009423	.0029179	.0001194	.006953	.147079	.0003292
%RSD	1.464486	.6002004	.6345843	2.345633	.5985469	2.045479	4.399602
#1	4.137075	1.560584	.4628751	.0050511	1.165289	7.259279	.0073059
#2	4.137089	1.569698	.4570641	.0049946	1.153655	7.021562	.0072811
#3	4.033022	1.579425	.4595036	.0052238	1.166070	7.290469	.0078633

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1046-08 Acquired: 1/24/2025 2:32:32 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCQ23 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.208946	.0300215	.0550240
Stddev	.026507	.0003160	.0005621
%RSD	2.192592	1.052677	1.021644
#1	1.227214	.0303694	.0556723
#2	1.178544	.0297522	.0546710
#3	1.221080	.0299430	.0547288

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3728.573	75041.21	10538.55	2620.229	4287.790
Stddev	6.457	216.87	152.51	7.052	5.682
%RSD	.1731813	.2890027	1.447183	.2691464	.1325094
#1	3729.763	75024.73	10503.89	2626.182	4290.336
#2	3721.603	74833.05	10705.40	2612.441	4281.281
#3	3734.352	75265.85	10406.34	2622.065	4291.755

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1046-09 Acquired: 1/24/2025 2:36:30 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCQ24 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0615136	.0012724	.3531739	.0272964	.0142106	52.88947	3.608731
Stddev	.0001518	.0015720	.0011029	.0026851	.0016090	.10482	.009282
%RSD	.2468006	123.5428	.3122788	9.836895	11.32237	.1981895	.2572199
#1	.0614528	.0007327	.3519642	.0297890	.0144970	52.82653	3.602135
#2	.0614016	.0000414	.3541236	.0244532	.0124777	52.83141	3.619346
#3	.0616864	.0030432	.3534338	.0276470	.0156572	53.01048	3.604712

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0037491	.0036346	8.078283	.1361925	.1047814	.0706727	131.4983
Stddev	.0000312	.0000578	.010814	.0007536	.0002107	.0024287	.3617
%RSD	.8326321	1.590630	.1338711	.5533628	.2011033	3.436518	.2750288
#1	.0037351	.0036998	8.066202	.1357257	.1048275	.0734016	131.1511
#2	.0037849	.0035894	8.087060	.1357898	.1045514	.0698679	131.4708
#3	.0037274	.0036147	8.081586	.1370619	.1049651	.0687485	131.8729

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.475296	8.135595	.0810600	.0018963	-.091359	.2428387	.4126830
Stddev	.009439	.028834	.0000656	.0001841	.507862	.0027422	.0044782
%RSD	.2109106	.3544124	.0809209	9.706961	555.8988	1.129228	1.085134
#1	4.465415	8.113356	.0810998	.0016943	-.380855	.2423351	.4099810
#2	4.484221	8.125256	.0810958	.0019400	.495054	.2403833	.4178522
#3	4.476251	8.168172	.0809843	.0020545	-.388275	.2457979	.4102159

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.841025	1.872286	.5454435	.0063016	1.651952	8.759737	.0084440
Stddev	.041781	.005161	.0021880	.0005180	.006560	.031493	.0002822
%RSD	1.087744	.2756327	.4011437	8.220746	.3971178	.3595143	3.341506
#1	3.807106	1.866860	.5431877	.0057274	1.644453	8.774953	.0086854
#2	3.887696	1.877132	.5455859	.0064435	1.654779	8.780731	.0081338
#3	3.828274	1.872868	.5475568	.0067338	1.656626	8.723526	.0085129

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1046-09 Acquired: 1/24/2025 2:36:30 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCQ24 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.374962	.0279217	.0681082
Stddev	.003275	.0008100	.0001329
%RSD	.2381626	2.901011	.1951202
#1	1.378501	.0286199	.0679565
#2	1.374346	.0281116	.0681636
#3	1.372039	.0270336	.0682043

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3715.625	75517.20	10518.62	2633.479	4205.681
Stddev	9.201	153.74	29.40	5.054	7.038
%RSD	.2476419	.2035840	.2795159	.1918969	.1673387
#1	3707.297	75613.17	10486.94	2628.614	4199.827
#2	3725.503	75598.55	10545.03	2638.702	4213.489
#3	3714.074	75339.87	10523.88	2633.120	4203.728

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1046-10 Acquired: 1/24/2025 2:40:29 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCQ25 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0481937	-.008103	1.929325	-.001931	.0214267	12.08003
Stddev	.0047178	.005453	.000677	.003293	.0024926	.06627
%RSD	9.789160	67.29344	.0350672	170.4768	11.63317	.5485825
#1	.0519895	-.006209	1.928657	-.005728	.0186918	12.05652
#2	.0429118	-.014250	1.930010	.000143	.0235708	12.15485
#3	.0496798	-.003849	1.929308	-.000210	.0220176	12.02872

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 37.88391	.0023555	.0350176	F 2387.970	.0649372	.0597772
Stddev	.46186	.0000343	.0000943	18.145	.0005816	.0003030
%RSD	1.219145	1.454786	.2692460	.7598639	.8955797	.5069088
#1	38.32677	.0023236	.0350826	2376.514	.0642963	.0594630
#2	37.91982	.0023512	.0350607	2378.505	.0654312	.0600676
#3	37.40515	.0023917	.0349095	2408.891	.0650841	.0598010

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1213480	94.34976	6.700220	F 1349.170	.0619362	-.000443
Stddev	.0031690	.28668	.012290	4.204	.0005864	.000091
%RSD	2.611493	.3038434	.1834282	.3116201	.9468119	20.60470
#1	.1242842	94.20121	6.690683	1349.318	.0623487	-.000375
#2	.1179887	94.68022	6.714090	1353.298	.0621951	-.000547
#3	.1217710	94.16784	6.695887	1344.894	.0612649	-.000407

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.823652	.1377539	11.69064	.9961492	2.226758	.4476013
Stddev	.138990	.0031485	.02676	.0139762	.012486	.0023140
%RSD	16.87481	2.285602	.2288627	1.403026	.5607366	.5169730
#1	-.665204	.1352394	11.66832	.9803324	2.221858	.4475111
#2	-.880766	.1412851	11.68329	1.006834	2.217465	.4499591
#3	-.924986	.1367371	11.72030	1.001281	2.240951	.4453338

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1046-10 Acquired: 1/24/2025 2:40:29 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCQ25 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0102768	F 24.94251	3.817632	.0001434	.2936142	.0659389
Stddev	.0003222	.09403	.007805	.0008580	.0029520	.0013946
%RSD	3.135629	.3769984	.2044508	598.2254	1.005412	2.114969
#1	.0106239	24.88468	3.825479	.0010742	.2962520	.0644269
#2	.0102195	24.89184	3.817548	-.000616	.2941651	.0662153
#3	.0099871	25.05101	3.809869	-.000028	.2904256	.0671747

Elem	Sr4077
Units	ppm
Avg	1.156567
Stddev	.002049
%RSD	.1771618
#1	1.156479
#2	1.158659
#3	1.154563

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2724.432	56347.08	8804.733	1896.969	2866.851
Stddev	4.164	66.40	17.053	3.359	5.279
%RSD	.1528575	.1178460	.1936843	.1770609	.1841539
#1	2726.280	56419.72	8805.334	1899.238	2870.049
#2	2727.352	56289.51	8821.478	1898.560	2869.745
#3	2719.663	56332.02	8787.388	1893.111	2860.757

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1046-11 Acquired: 1/24/2025 2:44:50 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCQ26 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0518877	-.005973	1.949758	-.006821	.0169641	12.40475
Stddev	.0026343	.001464	.008410	.002620	.0010492	.01251
%RSD	5.076944	24.50558	.4313139	38.40907	6.184580	.1008750
#1	.0502418	-.004601	1.942828	-.009126	.0173969	12.41104
#2	.0504952	-.007513	1.947333	-.007365	.0157678	12.39034
#3	.0549260	-.005803	1.959114	-.003972	.0177276	12.41287

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 42.46901	.0018424	.0236795	F 2276.371	.0764224	.0326778
Stddev	.68806	.0000973	.0000873	22.376	.0002404	.0003767
%RSD	1.620145	5.283923	.3686250	.9829499	.3146383	1.152722
#1	43.04444	.0018114	.0237698	2255.583	.0763778	.0324935
#2	42.65574	.0017644	.0236732	2273.477	.0762073	.0324287
#3	41.70686	.0019515	.0235955	2300.053	.0766820	.0331111

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1063385	82.20406	3.274873	F 1125.846	.0702937	-.000896
Stddev	.0017953	.27132	.008733	4.416	.0006234	.000209
%RSD	1.688313	.3300597	.2666781	.3922804	.8867976	23.32306
#1	.1081398	82.22934	3.275048	1124.779	.0698891	-.000665
#2	.1045492	81.92099	3.266054	1122.061	.0699804	-.000951
#3	.1063265	82.46186	3.283518	1130.699	.0710116	-.001072

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F -1.21924	.1229429	4.882953	.4848020	2.504417	.3953978
Stddev	.66085	.0022267	.014974	.0285368	.014254	.0020901
%RSD	54.20205	1.811141	.3066530	5.886276	.5691346	.5285932
#1	-.47008	.1243836	4.868528	.4622966	2.491543	.3959849
#2	-1.46811	.1203783	4.881909	.4752106	2.501972	.3930770
#3	-1.71951	.1240668	4.898421	.5168988	2.519734	.3971315

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1046-11 Acquired: 1/24/2025 2:44:50 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCQ26 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0245520	F 15.94971	3.922417	.0126329	.2488282	.0638235
Stddev	.0001990	.05975	.006756	.0001324	.0008252	.0007786
%RSD	.8106971	.3746085	.1722354	1.047867	.3316360	1.219967
#1	.0243733	15.88978	3.925736	.0125913	.2488787	.0646969
#2	.0245163	15.95008	3.914644	.0127810	.2479789	.0635715
#3	.0247665	16.00928	3.926871	.0125263	.2496270	.0632021

Elem	Sr4077
Units	ppm
Avg	1.348865
Stddev	.009405
%RSD	.6972698
#1	1.356013
#2	1.352372
#3	1.338211

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2753.160	57215.52	8875.452	1943.729	2898.046
Stddev	8.801	155.61	18.622	9.280	3.766
%RSD	.3196732	.2719744	.2098103	.4774169	.1299410
#1	2762.598	57343.52	8894.746	1954.028	2902.393
#2	2751.703	57260.72	8857.585	1936.019	2895.785
#3	2745.178	57042.31	8874.026	1941.138	2895.959

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1046-12 Acquired: 1/24/2025 2:49:08 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCQ27 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0358287	-.002200	.4713096	.0179999	.0122893	41.87191	4.241239
Stddev	.0014349	.001742	.0034086	.0013306	.0012598	.12625	.032839
%RSD	4.004814	79.16801	.7232281	7.392404	10.25104	.3015045	.7742761
#1	.0341762	-.003667	.4690894	.0195097	.0123105	42.01607	4.277083
#2	.0365510	-.000275	.4696052	.0169983	.0110190	41.78111	4.212604
#3	.0367588	-.002660	.4752343	.0174916	.0135383	41.81853	4.234030

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0049321	.0040118	12.70240	.1041241	.1110861	.0451075	89.27342
Stddev	.0001525	.0000894	.05221	.0003498	.0007533	.0018705	.30169
%RSD	3.092412	2.227218	.4110383	.3359153	.6781576	4.146783	.3379419
#1	.0047996	.0039275	12.74858	.1041665	.1107269	.0455832	89.62179
#2	.0048979	.0040023	12.64575	.1044508	.1105795	.0430451	89.10019
#3	.0050989	.0041055	12.71287	.1037551	.1119518	.0466943	89.09830

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.03965	7.562688	.0645590	.0018054	-.040681	.1663911	2.781008
Stddev	.05613	.020322	.0004341	.0002409	.136693	.0031248	.008001
%RSD	.5084161	.2687149	.6723999	13.34486	336.0138	1.878009	.2876961
#1	11.09910	7.578739	.0643676	.0020681	-.195540	.1682577	2.782163
#2	10.98757	7.539839	.0642535	.0015947	.010309	.1627836	2.772493
#3	11.03229	7.569488	.0650559	.0017536	.063188	.1681321	2.788369

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.466044	3.428178	.3725236	.0041902	2.534411	7.131099	.0078337
Stddev	.068654	.031489	.0012836	.0003690	.028128	.023240	.0007293
%RSD	1.980767	.9185354	.3445648	8.805925	1.109841	.3258898	9.309694
#1	3.538788	3.415571	.3740021	.0045048	2.517383	7.104604	.0071976
#2	3.456962	3.404946	.3718744	.0042816	2.518972	7.148032	.0086297
#3	3.402383	3.464017	.3716944	.0037841	2.566877	7.140662	.0076738

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1046-12 Acquired: 1/24/2025 2:49:08 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCQ27 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.088537	.0225039	.0812323
Stddev	.002098	.0015691	.0005208
%RSD	.1927568	6.972711	.6411510
#1	1.089665	.0242872	.0818170
#2	1.089831	.0218900	.0808179
#3	1.086116	.0213346	.0810621

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3723.417	75000.87	10422.22	2625.247	4268.458
Stddev	16.894	198.80	73.59	9.234	21.859
%RSD	.4537218	.2650695	.7060942	.3517331	.5120972
#1	3737.662	75056.93	10487.29	2635.392	4287.730
#2	3727.838	74780.05	10342.36	2623.015	4272.937
#3	3704.752	75165.62	10437.00	2617.333	4244.707

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1046-13 Acquired: 1/24/2025 2:53:05 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCQ28 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0472309	-.005104	.5439795	-.010767	.0196661	1.034764
Stddev	.0010479	.002639	.0012817	.001267	.0008399	.002968
%RSD	2.218683	51.69217	.2356180	11.76479	4.270590	.2868252
#1	.0474595	-.007731	.5438465	-.009420	.0186966	1.036500
#2	.0460876	-.002455	.5453225	-.010946	.0201330	1.036456
#3	.0481456	-.005127	.5427694	-.011934	.0201689	1.031337

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.86731	.0004724	.0702959	F 2580.480	.0272568	.0181090
Stddev	.04142	.0001435	.0002248	16.486	.0002746	.0008457
%RSD	.2085057	30.38962	.3197480	.6388578	1.007370	4.670266
#1	19.83510	.0003694	.0701434	2568.569	.0275458	.0172551
#2	19.91404	.0004113	.0701903	2573.575	.0269994	.0189463
#3	19.85279	.0006363	.0705540	2599.295	.0272252	.0181257

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1823247	69.03747	1.870973	F 1474.779	.0891178	-.001474
Stddev	.0011911	.21352	.007064	9.041	.0005134	.000460
%RSD	.6532623	.3092772	.3775757	.6130509	.5761139	31.17128
#1	.1836300	69.15543	1.870460	1471.520	.0896565	-.001448
#2	.1820474	68.79100	1.864179	1467.820	.0890628	-.001028
#3	.1812968	69.16599	1.878280	1484.998	.0886340	-.001946

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F -1.20492	.1068925	25.25030	-1.07321	.4042377	.3250993
Stddev	.39535	.0034605	.12470	.00338	.0037048	.0022290
%RSD	32.81161	3.237388	.4938710	.3146374	.9164873	.6856400
#1	-1.25988	.1063734	25.36493	-1.07423	.4048105	.3253566
#2	-.78496	.1105833	25.11751	-1.06944	.4076226	.3227528
#3	-1.56992	.1037209	25.26845	-1.07595	.4002798	.3271885

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1046-13 Acquired: 1/24/2025 2:53:05 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCQ28 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001618	F 70.41488	.4745015	-.005503	-.033269	.0635999
Stddev	.000891	.20638	.0024526	.000933	.000490	.0020149
%RSD	55.03088	.2930959	.5168719	16.96047	1.472212	3.168061
#1	-.002150	70.32197	.4742855	-.005946	-.033830	.0656882
#2	-.002115	70.27129	.4721641	-.004431	-.033048	.0616675
#3	-.000590	70.65139	.4770549	-.006132	-.032929	.0634440

Elem	Sr4077
Units	ppm
Avg	1.002021
Stddev	.002799
%RSD	.2793203
#1	1.004172
#2	.998857
#3	1.003035

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2652.153	54770.41	8578.237	1852.080	2839.731
Stddev	9.094	268.43	54.037	10.838	8.362
%RSD	.3428783	.4900988	.6299353	.5851551	.2944584
#1	2655.764	54905.65	8631.992	1841.659	2848.553
#2	2658.887	54944.32	8578.798	1863.291	2838.717
#3	2641.809	54461.26	8523.921	1851.290	2831.922

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: CCV010 Acquired: 1/24/2025 2:57:30 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV010 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**4.731288**	**4.686281**	**24.19200**	**4.678907**	**4.747665**	**386.7876**
Stddev	.011497	.056463	.08191	.007706	.006097	4.7252
%RSD	.2430069	1.204853	.3385767	.1646989	.1284242	1.221640
#1	4.728418	4.653372	24.14772	4.687804	4.753585	382.7189
#2	4.721498	4.653995	24.14176	4.674322	4.741405	385.6738
#3	4.743949	4.751478	24.28652	4.674595	4.748004	391.9702

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**10.00294**	**.4935729**	**2.460708**	**386.0441**	**15.40797**	**2.441721**
Stddev	.02540	.0021443	.011264	3.2391	.00859	.009286
%RSD	.2539397	.4344516	.4577540	.8390565	.0557193	.3803056
#1	10.02142	.4950800	2.454150	383.9853	15.40412	2.435428
#2	9.97397	.4911179	2.454260	389.7777	15.40197	2.437350
#3	10.01341	.4945207	2.473714	384.3692	15.41780	2.452386

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**14.88822**	**399.6017**	**14.81731**	**393.4890**	**2.442895**	**1.259433**
Stddev	.00840	.8337	.03275	.9726	.008900	.002706
%RSD	.0564266	.2086446	.2210573	.2471740	.3643286	.2148379
#1	14.89759	398.9085	14.80877	392.5232	2.438720	1.258391
#2	14.88136	400.5269	14.85349	394.4683	2.436851	1.257403
#3	14.88571	399.3699	14.78968	393.4754	2.453116	1.262504

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**392.7567**	**2.488566**	**15.18874**	**144.0147**	**5.063627**	F **5.872791**
Stddev	1.4544	.005682	.03937	.5252	.036406	.015707
%RSD	.3702999	.2283369	.2591900	.3646548	.7189726	.2674598
#1	394.4215	2.493324	15.18655	143.5517	5.052471	5.880776
#2	391.7335	2.490100	15.22916	144.5854	5.034104	5.854695
#3	392.1151	2.482274	15.15051	143.9070	5.104305	5.882902

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: CCV010 Acquired: 1/24/2025 2:57:30 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV010 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.738716	4.923229	4.968755	4.964025	4.932500	4.748354
Stddev	.006361	.023998	.018354	.013224	.014498	.014280
%RSD	.1342290	.4874525	.3693823	.2663979	.2939243	.3007277
#1	4.736959	4.903697	4.987156	4.953364	4.949201	4.737470
#2	4.733418	4.915971	4.950449	4.959888	4.923150	4.764523
#3	4.745770	4.950019	4.968660	4.978823	4.925149	4.743070

Elem	Sr4077
Units	ppm
Avg	4.984731
Stddev	.057052
%RSD	1.144536
#1	4.975271
#2	5.045922
#3	4.933000

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2878.520	61488.93	9233.292	2123.947	3274.745
Stddev	3.537	117.69	24.421	5.488	6.045
%RSD	.1228703	.1913982	.2644862	.2583952	.1845949
#1	2876.876	61624.73	9210.383	2128.679	3278.950
#2	2876.105	61416.52	9258.986	2117.930	3277.468
#3	2882.580	61425.54	9230.506	2125.231	3267.818

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: CCB010 Acquired: 1/24/2025 3:01:48 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB010 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000910	-.001890	-.000182	-.002976	-.000817	-.006556	-.016084
Stddev	.000343	.000105	.000149	.000228	.000199	.000079	.000120
%RSD	37.66476	5.554663	81.83921	7.660470	24.33313	1.206471	.7478664
#1	-.001294	-.001770	-.000295	-.003216	-.000677	-.006484	-.016206
#2	-.000797	-.001964	-.000013	-.002763	-.000729	-.006640	-.015966
#3	-.000637	-.001936	-.000236	-.002949	-.001044	-.006543	-.016079

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000638	-.000020	.0060521	.0003552	.0000691	.0018451	.0030350
Stddev	.0000030	.000006	.0018330	.0000858	.0000185	.0005484	.0010154
%RSD	4.705807	28.26911	30.28675	24.14959	26.79629	29.72010	33.45548
#1	.0000603	-.000026	.0081542	.0003248	.0000647	.0015815	.0042072
#2	.0000657	-.000018	.0052146	.0002888	.0000894	.0024755	.0024267
#3	.0000652	-.000015	.0047874	.0004521	.0000532	.0014783	.0024712

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004317	.0316752	.0002304	-.000446	.2395044	.0016048	-.001621
Stddev	.0002198	.0060089	.0000486	.000044	.0367693	.0004716	.000336
%RSD	50.91642	18.97038	21.10605	9.862817	15.35223	29.38445	20.71914
#1	.0003635	.0358170	.0002065	-.000439	.2769406	.0021486	-.001988
#2	.0006775	.0247834	.0001984	-.000405	.2381320	.0013092	-.001328
#3	.0002541	.0344252	.0002864	-.000492	.2034406	.0013566	-.001548

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-1.99661	-.003720	-.001062	-.000486	-.003985	-.004558	-.001387
Stddev	.00664	.000231	.000115	.000042	.000315	.000294	.000278
%RSD	.3325900	6.203818	10.78887	8.617794	7.902421	6.458009	20.03454
#1	-2.00406	-.003872	-.000952	-.000529	-.003703	-.004275	-.001527
#2	-1.99442	-.003455	-.001181	-.000482	-.004325	-.004863	-.001067
#3	-1.99134	-.003834	-.001053	-.000446	-.003928	-.004537	-.001567

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: CCB010 Acquired: 1/24/2025 3:01:48 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB010 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000088	-.010210	.0000240
Stddev	.000339	.000328	.0000085
%RSD	387.8394	3.214753	35.54668
#1	-.000199	-.010194	.0000329
#2	-.000357	-.010547	.0000159
#3	.000294	-.009891	.0000231

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	13192.93	251250.4	24576.03	9566.492	16664.15
Stddev	100.29	10806.2	115.68	135.306	128.13
%RSD	.7601634	4.300972	.4706853	1.414379	.7688678
#1	13237.72	262039.5	24458.59	9578.640	16721.94
#2	13263.02	240427.2	24579.65	9425.522	16753.21
#3	13078.06	251284.4	24689.86	9695.315	16517.31

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1046-14 Acquired: 1/24/2025 3:06:05 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCQ29 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0777982	.0002699	1.076122	.0273859	.0142987	41.66992	9.941994
Stddev	.0019075	.0011370	.004156	.0021646	.0007123	.20101	.091817
%RSD	2.451802	421.2416	.3861848	7.904164	4.981510	.4823777	.9235284
#1	.0798401	-.000354	1.075896	.0298727	.0135624	41.90171	9.973663
#2	.0774923	-.000418	1.072083	.0263604	.0143495	41.56446	9.838534
#3	.0760622	.001582	1.080386	.0259245	.0149843	41.54359	10.01379

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0052086	.0059798	17.75329	.1717615	.1518228	.0506372	135.8200
Stddev	.0000876	.0000927	.07566	.0004066	.0006188	.0015797	.6241
%RSD	1.681823	1.550846	.4261904	.2367029	.4075684	3.119645	.4594707
#1	.0053039	.0059139	17.84065	.1718799	.1516033	.0524119	136.5397
#2	.0051902	.0059396	17.70834	.1713088	.1513437	.0501153	135.4922
#3	.0051316	.0060858	17.71090	.1720957	.1525214	.0493845	135.4282

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.69467	7.119810	.0616633	.0011906	.0118088	.2737746	.5516453
Stddev	.03282	.033756	.0003114	.0002505	.0840514	.0016475	.0042350
%RSD	.3068996	.4741128	.5049271	21.04148	711.7668	.6017763	.7677010
#1	10.73225	7.158245	.0613794	.0014498	.1064894	.2755967	.5506763
#2	10.67162	7.106208	.0616142	.0011724	-.017056	.2723901	.5562807
#3	10.68014	7.094977	.0619963	.0009497	-.054007	.2733369	.5479787

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.658229	1.876143	.5626315	.0073118	3.109751	6.440555	.0070668
Stddev	.035362	.003167	.0030417	.0002713	.008616	.018187	.0008962
%RSD	2.132537	.1688244	.5406154	3.711006	.2770543	.2823773	12.68170
#1	1.698021	1.879393	.5660973	.0074447	3.116555	6.419661	.0075896
#2	1.630399	1.873065	.5613918	.0074911	3.100063	6.449177	.0060320
#3	1.646266	1.875971	.5604055	.0069996	3.112635	6.452827	.0075789

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1046-14 Acquired: 1/24/2025 3:06:05 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCQ29 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.018395	.0181647	.1053755
Stddev	.000943	.0005234	.0006372
%RSD	.0926239	2.881589	.6047330
#1	1.017306	.0186321	.1060651
#2	1.018919	.0175991	.1048083
#3	1.018960	.0182628	.1052531

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3672.374	75670.80	10296.34	2623.170	4196.341
Stddev	13.706	112.68	20.09	11.304	9.860
%RSD	.3732272	.1489074	.1951409	.4309171	.2349573
#1	3683.056	75541.45	10318.83	2615.659	4200.975
#2	3677.148	75723.36	10280.15	2617.682	4203.029
#3	3656.920	75747.60	10290.05	2636.170	4185.018

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1046-15 Acquired: 1/24/2025 3:10:09 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCQ30 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0949180	-.001376	1.275182	.0352505	.0191399	56.07804	17.44133
Stddev	.0002516	.000078	.004800	.0017596	.0013701	.21895	.07485
%RSD	.2650970	5.660907	.3764155	4.991688	7.158236	.3904337	.4291493
#1	.0951189	-.001291	1.271236	.0364732	.0190269	55.82627	17.38354
#2	.0946358	-.001445	1.273783	.0332339	.0205630	56.18402	17.41457
#3	.0949993	-.001391	1.280525	.0360446	.0178299	56.22383	17.52588

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0055342	.0099216	28.69579	.2080800	.1148665	.1149295	174.2643
Stddev	.0000286	.0000264	.12687	.0003648	.0002714	.0011605	.4126
%RSD	.5165358	.2665095	.4421227	.1753056	.2362471	1.009770	.2367498
#1	.0055275	.0098967	28.57029	.2078087	.1146134	.1162516	173.7889
#2	.0055655	.0099493	28.69308	.2079367	.1148331	.1140795	174.4751
#3	.0055095	.0099187	28.82399	.2084947	.1151530	.1144573	174.5288

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.06075	9.539233	.0792345	.0022498	-.145378	.3427260	1.009931
Stddev	.04702	.023350	.0003743	.0002243	.205190	.0019009	.006708
%RSD	.4250801	.2447823	.4724087	9.970660	141.1423	.5546448	.6642066
#1	11.02257	9.562915	.0788258	.0024830	-.024619	.3448973	1.002192
#2	11.04643	9.538557	.0793170	.0020355	-.029220	.3413621	1.013523
#3	11.11327	9.516229	.0795606	.0022309	-.382296	.3419184	1.014078

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.506387	2.253561	.7272050	.0090962	5.047573	6.110505	.0096241
Stddev	.054653	.009711	.0023338	.0002440	.010588	.018811	.0014348
%RSD	1.558656	.4309167	.3209298	2.682608	.2097544	.3078485	14.90799
#1	3.446070	2.245243	.7245102	.0088848	5.037434	6.119347	.0079817
#2	3.520476	2.251208	.7285705	.0093632	5.046726	6.088902	.0102571
#3	3.552616	2.264233	.7285343	.0090406	5.058558	6.123266	.0106336

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1046-15 Acquired: 1/24/2025 3:10:09 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCQ30 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.131294	.0272996	.1819194
Stddev	.001063	.0011366	.0008291
%RSD	.0939258	4.163263	.4557268
#1	1.130783	.0285103	.1810740
#2	1.130583	.0262556	.1819530
#3	1.132515	.0271329	.1827311

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3681.040	75830.05	10484.09	2620.750	4153.840
Stddev	4.563	100.81	49.29	6.919	1.573
%RSD	.1239623	.1329407	.4701853	.2639945	.0378714
#1	3679.320	75715.93	10427.29	2624.119	4152.118
#2	3677.588	75907.01	10509.28	2612.792	4155.202
#3	3686.214	75867.19	10515.71	2625.339	4154.199

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1046-16 Acquired: 1/24/2025 3:14:14 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCQ31 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0945002	-.002204	.7794665	.0409547	.0204613	67.48378	12.00532
Stddev	.0020630	.001607	.0032105	.0007006	.0012668	.40623	.07525
%RSD	2.183070	72.90439	.4118887	1.710564	6.191166	.6019704	.6267895
#1	.0958625	-.003226	.7807106	.0402330	.0218961	67.95173	12.04611
#2	.0955114	-.000352	.7758201	.0409989	.0194974	67.27787	11.91848
#3	.0921267	-.003034	.7818687	.0416321	.0199905	67.22172	12.05136

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0046483	.0063190	17.87568	.2118757	.0969301	.0667002	188.2812
Stddev	.0001337	.0001188	.09664	.0005089	.0006115	.0015975	1.0668
%RSD	2.875810	1.880429	.5406448	.2401705	.6308694	2.394978	.5666134
#1	.0045016	.0061868	17.98531	.2116687	.0966560	.0673477	189.5073
#2	.0046800	.0063533	17.83893	.2124554	.0965036	.0678722	187.7708
#3	.0047633	.0064169	17.80280	.2115029	.0976307	.0648806	187.5654

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.018550	10.36552	.0735985	.0026370	-.305697	.3565509	.5807862
Stddev	.025635	.01429	.0006507	.0004625	.230815	.0020418	.0052757
%RSD	.3652475	.1378375	.8841118	17.53923	75.50431	.5726503	.9083752
#1	7.047658	10.37258	.0732269	.0031120	-.562728	.3557351	.5789273
#2	6.999338	10.37490	.0732187	.0026109	-.238232	.3550432	.5766916
#3	7.008653	10.34908	.0743498	.0021881	-.116133	.3588745	.5867398

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.025192	2.023058	.7812600	.0096718	3.632383	7.315387	.0118078
Stddev	.044120	.002556	.0060576	.0002967	.018916	.016467	.0003889
%RSD	1.458433	.1263422	.7753656	3.067900	.5207556	.2251045	3.293368
#1	2.991389	2.023728	.7881774	.0098519	3.640046	7.297923	.0119845
#2	3.075103	2.020234	.7786999	.0093293	3.610837	7.317605	.0120770
#3	3.009085	2.025212	.7769027	.0098342	3.646264	7.330632	.0113620

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1046-16 Acquired: 1/24/2025 3:14:14 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCQ31 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.383904	.0322524	.1272251
Stddev	.001541	.0011747	.0010320
%RSD	.1113390	3.642238	.8111625
#1	1.382520	.0324807	.1283787
#2	1.383628	.0332963	.1263895
#3	1.385564	.0309803	.1269071

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3604.385	74126.25	10375.15	2593.888	4065.141
Stddev	6.540	66.46	59.91	4.777	9.520
%RSD	.1814527	.0896636	.5774364	.1841811	.2341782
#1	3605.441	74083.04	10443.71	2598.435	4070.799
#2	3610.333	74092.93	10332.87	2588.909	4070.474
#3	3597.381	74202.79	10348.87	2594.319	4054.150

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1046-17 Acquired: 1/24/2025 3:18:18 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCQ32 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0684312	-.001684	.7579253	.0316602	.0151224	49.71695	11.40871
Stddev	.0022817	.001514	.0031446	.0046779	.0004038	.37781	.01982
%RSD	3.334252	89.89600	.4148910	14.77535	2.670024	.7599166	.1737328
#1	.0661523	-.002697	.7558578	.0309122	.0154986	49.28537	11.40160
#2	.0707157	.000056	.7563741	.0366670	.0146958	49.98794	11.39342
#3	.0684257	-.002410	.7615441	.0274014	.0151728	49.87753	11.43110

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0038262	.0060994	14.57532	.1537703	.0713894	.0589336	143.6391
Stddev	.0000995	.0000586	.12480	.0007118	.0005481	.0017655	1.1397
%RSD	2.600755	.9613611	.8562441	.4629284	.7677332	2.995815	.7934694
#1	.0039246	.0061498	14.43196	.1535815	.0708133	.0586174	142.3353
#2	.0037256	.0060351	14.63427	.1545576	.0714507	.0608358	144.4461
#3	.0038284	.0061134	14.65972	.1531719	.0719043	.0573474	144.1360

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.143359	9.025494	.0585631	.0009407	-.122839	.2752200	.5567667
Stddev	.044839	.075705	.0000080	.0006363	.522634	.0034311	.0020023
%RSD	1.082192	.8387874	.0135813	67.64069	425.4628	1.246683	.3596256
#1	4.091661	8.938440	.0585581	.0003375	-.332274	.2718633	.5566849
#2	4.166753	9.062131	.0585722	.0008790	.472031	.2750759	.5548066
#3	4.171664	9.075910	.0585589	.0016057	-.508274	.2787210	.5588086

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.464560	1.377808	.5961019	.0073271	3.143055	7.928547	.0069090
Stddev	.064955	.009132	.0049239	.0006864	.015361	.031290	.0012979
%RSD	4.435135	.6627727	.8260164	9.368143	.4887145	.3946503	18.78555
#1	1.389612	1.371039	.5905303	.0066725	3.135169	7.930126	.0057830
#2	1.504556	1.374191	.5998687	.0072673	3.133238	7.896497	.0083285
#3	1.499510	1.388194	.5979068	.0080415	3.160756	7.959017	.0066155

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1046-17 Acquired: 1/24/2025 3:18:18 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCQ32 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.095349	.0205358	.1057271
Stddev	.002815	.0012251	.0009830
%RSD	.2570161	5.965805	.9297421
#1	1.094607	.0196970	.1046232
#2	1.092979	.0219417	.1065076
#3	1.098461	.0199686	.1060506

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3659.271	73910.28	10314.97	2595.190	4181.419
Stddev	4.057	428.39	47.94	3.161	6.020
%RSD	.1108781	.5796051	.4647424	.1218109	.1439618
#1	3654.606	74403.05	10268.41	2598.722	4182.716
#2	3661.973	73626.46	10364.18	2594.225	4186.684
#3	3661.236	73701.34	10312.33	2592.624	4174.856

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1046-18 Acquired: 1/24/2025 3:22:24 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCQ33 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0861517	-.001254	.9816346	.0351425	.0164119	54.66975	3.070229
Stddev	.0015896	.001500	.0029838	.0026766	.0009638	.52965	.023174
%RSD	1.845149	119.5823	.3039660	7.616372	5.872533	.9688099	.7547824
#1	.0849525	.000105	.9792045	.0320524	.0171659	54.08440	3.045459
#2	.0855477	-.002864	.9807344	.0367384	.0167437	54.80896	3.091380
#3	.0879547	-.001005	.9849649	.0366367	.0153260	55.11589	3.073848

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0066247	.0048660	17.68823	.2142061	.1465028	.0616193	171.1229
Stddev	.0001968	.0000564	.13294	.0008632	.0005610	.0012351	1.6036
%RSD	2.970431	1.159030	.7515467	.4029687	.3829151	2.004334	.9371159
#1	.0068256	.0049106	17.53474	.2133407	.1464729	.0617328	169.3701
#2	.0066162	.0048846	17.76420	.2150671	.1459574	.0603314	171.4822
#3	.0064323	.0048026	17.76577	.2142104	.1470782	.0627937	172.5163

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.426182	9.290911	.0702327	.0017820	.0114603	.3452492	.4115072
Stddev	.063768	.110722	.0009629	.0003607	.2486309	.0016966	.0054702
%RSD	.6764952	1.191724	1.371070	20.24154	2169.492	.4914101	1.329309
#1	9.356607	9.164573	.0704906	.0014314	-.232899	.3471948	.4091759
#2	9.481845	9.337096	.0691671	.0017625	.003126	.3440778	.4177569
#3	9.440095	9.371064	.0710405	.0021520	.264153	.3444750	.4075889

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.383705	1.792892	.7078847	.0084437	1.650898	8.316909	.0083573
Stddev	.048320	.003561	.0092232	.0001770	.004213	.035866	.0011130
%RSD	3.492104	.1986383	1.302922	2.095761	.2551862	.4312383	13.31755
#1	1.329379	1.788816	.6980402	.0086013	1.649178	8.332558	.0093796
#2	1.421885	1.795402	.7092884	.0082523	1.647817	8.342291	.0071717
#3	1.399852	1.794457	.7163256	.0084776	1.655699	8.275878	.0085205

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1046-18 Acquired: 1/24/2025 3:22:24 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCQ33 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.155121	.0237809	.0665534
Stddev	.004704	.0015518	.0004441
%RSD	.4072664	6.525390	.6673607
#1	1.156532	.0228110	.0660671
#2	1.158958	.0229611	.0669377
#3	1.149872	.0255707	.0666553

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3781.847	76800.07	10671.56	2681.192	4154.532
Stddev	4.204	312.55	62.28	13.094	8.163
%RSD	.1111607	.4069612	.5836155	.4883544	.1964909
#1	3780.598	77156.61	10605.41	2695.554	4159.144
#2	3786.534	76670.23	10680.18	2669.919	4159.346
#3	3778.409	76573.38	10729.08	2678.103	4145.107

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1046-19 Acquired: 1/24/2025 3:26:20 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCQ34 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1240379	-.005865	.5806607	.0274099	.0252265	30.89237
Stddev	.0009050	.002635	.0036351	.0027741	.0012769	.10526
%RSD	.7296092	44.92485	.6260346	10.12069	5.061691	.3407174
#1	.1241892	-.004130	.5778511	.0243690	.0267009	30.80772
#2	.1248577	-.004568	.5793649	.0280583	.0244959	30.85915
#3	.1230668	-.008897	.5847662	.0298023	.0244828	31.01022

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.431717	.0024241	.0114698	F 1092.299	.1102439	.0657938
Stddev	.019398	.0001340	.0001333	6.494	.0003529	.0009252
%RSD	.3571190	5.528887	1.162148	.5945379	.3201058	1.406156
#1	5.412710	.0023014	.0115778	1096.803	.1098429	.0647479
#2	5.430960	.0025671	.0113208	1095.239	.1103820	.0661283
#3	5.451483	.0024039	.0115108	1084.854	.1105069	.0665051

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1674758	203.7062	5.272161	622.9506	.0950187	-.000026
Stddev	.0029364	.5895	.014099	2.5351	.0001008	.000769
%RSD	1.753331	.2893743	.2674270	.4069469	.1060536	2956.028
#1	.1692975	203.4149	5.262439	623.4505	.0951187	-.000914
#2	.1690415	203.3190	5.265714	620.2029	.0949171	.000388
#3	.1640883	204.3846	5.288332	625.1985	.0950203	.000447

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.863581	.2582991	4.436581	.5122614	1.595295	.8640765
Stddev	.322118	.0037671	.039001	.0384737	.007254	.0028003
%RSD	37.30027	1.458445	.8790819	7.510557	.4546844	.3240828
#1	-1.02735	.2619865	4.480068	.5293553	1.594427	.8632245
#2	-1.07091	.2584539	4.424977	.4682028	1.588514	.8618011
#3	-.49248	.2544569	4.404699	.5392260	1.602943	.8672039

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1046-19 Acquired: 1/24/2025 3:26:20 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCQ34 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0023691	2.692213	6.372195	.0034376	.7441562	.0359839
Stddev	.0003311	.009394	.016860	.0007577	.0025108	.0013285
%RSD	13.97433	.3489145	.2645861	22.04184	.3374014	3.691926
#1	.0026199	2.692363	6.377484	.0041111	.7467455	.0344500
#2	.0019939	2.682745	6.385776	.0026172	.7439911	.0367641
#3	.0024936	2.701530	6.353325	.0035844	.7417321	.0367376

Elem	Sr4077
Units	ppm
Avg	.4337819
Stddev	.0015621
%RSD	.3601044
#1	.4322812
#2	.4336657
#3	.4353989

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3042.124	62781.32	9482.965	2164.786	3221.996
Stddev	5.459	85.84	27.844	14.282	7.798
%RSD	.1794455	.1367215	.2936236	.6597417	.2420169
#1	3045.457	62742.70	9453.007	2148.435	3230.089
#2	3045.091	62879.68	9487.835	2171.100	3221.366
#3	3035.824	62721.59	9508.052	2174.823	3214.532

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1046-20 Acquired: 1/24/2025 3:30:27 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCQ35 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0668753	-.001106	.8382555	.0259333	.0137936	38.15013	5.297627
Stddev	.0031403	.001937	.0025065	.0013342	.0017347	.14041	.087324
%RSD	4.695773	175.0676	.2990130	5.144583	12.57633	.3680583	1.648354
#1	.0632543	-.002797	.8385944	.0274702	.0121166	38.17796	5.356223
#2	.0685203	-.001529	.8355968	.0252558	.0136833	38.27454	5.197264
#3	.0688515	.001007	.8405754	.0250738	.0155808	37.99788	5.339395

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0047428	.0052925	20.91774	.1906224	.0933303	.0363134	126.1515
Stddev	.0000548	.0000906	.08702	.0010130	.0001062	.0005003	.4129
%RSD	1.155815	1.712699	.4159877	.5313999	.1137630	1.377785	.3273286
#1	.0047197	.0053369	20.92175	.1910244	.0932977	.0368590	126.3154
#2	.0047033	.0051882	21.00268	.1913727	.0932442	.0362053	126.4573
#3	.0048054	.0053523	20.82878	.1894702	.0934489	.0358761	125.6818

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.566696	5.568970	.0491982	.0019224	-.475055	.2750349	.4318255
Stddev	.047917	.033814	.0007358	.0002489	.111026	.0020682	.0037622
%RSD	.5593388	.6071869	1.495501	12.94715	23.37124	.7519881	.8712280
#1	8.583302	5.566275	.0486059	.0020213	-.348424	.2736623	.4282895
#2	8.604101	5.604052	.0500218	.0016392	-.521039	.2740288	.4357790
#3	8.512685	5.536585	.0489668	.0021066	-.555701	.2774137	.4314079

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.702291	2.144396	.5270280	.0074748	2.778314	5.754092	.0077974
Stddev	.032598	.010984	.0019542	.0003235	.007329	.009197	.0008163
%RSD	1.914952	.5122077	.3708063	4.328505	.2637838	.1598397	10.46899
#1	1.719205	2.131833	.5280387	.0071918	2.774638	5.762932	.0084549
#2	1.664713	2.149168	.5282698	.0078275	2.773551	5.744575	.0080535
#3	1.722956	2.152187	.5247753	.0074052	2.786754	5.754771	.0068838

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1046-20 Acquired: 1/24/2025 3:30:27 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCQ35 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.091889	.0155502	.0968295
Stddev	.002668	.0009899	.0006164
%RSD	.2443804	6.365609	.6366186
#1	1.094442	.0146796	.0969621
#2	1.092105	.0153440	.0973689
#3	1.089119	.0166269	.0961576

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3657.605	74115.66	10317.03	2565.625	4242.482
Stddev	9.868	38.54	50.81	4.880	5.261
%RSD	.2698074	.0520029	.4925144	.1901935	.1240138
#1	3658.845	74077.17	10332.60	2568.247	4247.447
#2	3666.794	74115.54	10358.23	2559.995	4243.032
#3	3647.175	74154.26	10260.25	2568.633	4236.967

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1046-21 Acquired: 1/24/2025 3:34:32 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCQ36 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1043083	-.007827	14.08253	.0103749	.0433847	6.335793
Stddev	.0036445	.004191	.01649	.0024819	.0008047	.045168
%RSD	3.493933	53.54957	.1171161	23.92225	1.854826	.7128978
#1	.1001818	-.008046	14.06349	.0075221	.0432658	6.317627
#2	.1056567	-.011905	14.09224	.0120380	.0442422	6.302537
#3	.1070865	-.003530	14.09187	.0115646	.0426460	6.387216

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.937148	.0001543	.2230550	F 2175.711	.0329508	.0466203
Stddev	.029846	.0001930	.0007000	26.230	.0007616	.0004467
%RSD	.5026992	125.0630	.3138256	1.205576	2.311431	.9581681
#1	5.902788	.0003449	.2223264	2145.880	.0328142	.0463821
#2	5.952009	.0001590	.2237223	2195.164	.0337716	.0471356
#3	5.956645	-.000041	.2231163	2186.090	.0322668	.0463430

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2920137	172.9481	3.005033	F 1226.971	.1601209	.0024857
Stddev	.0043336	.3686	.012358	7.821	.0004112	.0005591
%RSD	1.484055	.2131505	.4112469	.6374412	.2567960	22.49289
#1	.2875541	172.6570	2.990788	1220.209	.1602625	.0028224
#2	.2922778	172.8247	3.012877	1225.167	.1604425	.0027944
#3	.2962093	173.3626	3.011435	1235.537	.1596576	.0018403

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.106194	.1221800	F 78.02892	-.443583	.9963435	.7624512
Stddev	.333963	.0019418	.53904	.021065	.0022009	.0013786
%RSD	314.4839	1.589270	.6908182	4.748874	.2208962	.1808121
#1	-.454577	.1210122	77.44156	-.456462	.9972989	.7620815
#2	-.075194	.1244215	78.50098	-.455014	.9938264	.7612951
#3	.211188	.1211064	78.14421	-.419274	.9979052	.7639769

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1046-21 Acquired: 1/24/2025 3:34:32 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCQ36 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.007538	F 174.7556	1.976629	-.002296	.0894703	.0533038
Stddev	.000416	.1952	.014027	.000886	.0018058	.0007887
%RSD	5.514630	.1116915	.7096283	38.57276	2.018342	1.479534
#1	-.008012	174.5428	1.961267	-.003060	.0882391	.0539671
#2	-.007235	174.7979	1.988755	-.001326	.0886285	.0535125
#3	-.007368	174.9262	1.979864	-.002503	.0915434	.0524318

Elem	Sr4077
Units	ppm
Avg	.9092418
Stddev	.0029131
%RSD	.3203836
#1	.9059938
#2	.9101085
#3	.9116232

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2731.396	56583.04	8759.584	1935.601	2920.128
Stddev	6.605	93.93	47.672	8.301	1.466
%RSD	.2418285	.1660031	.5442284	.4288349	.0502105
#1	2736.414	56673.21	8773.411	1943.936	2921.821
#2	2733.861	56485.75	8706.526	1927.336	2919.310
#3	2723.913	56590.16	8798.813	1935.531	2919.254

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1046-22 Acquired: 1/24/2025 3:38:40 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCQ37 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1692277	-.005252	11.01656	.0185845	.0403257	1.588492
Stddev	.0014621	.000530	.00877	.0061593	.0024194	.009889
%RSD	.8639641	10.08372	.0796140	33.14199	5.999684	.6225630
#1	.1677111	-.005532	11.01547	.0256271	.0415411	1.590088
#2	.1693436	-.005582	11.00838	.0159219	.0418965	1.577902
#3	.1706283	-.004641	11.02582	.0142044	.0375396	1.597487

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.096960	-.000786	.0978162	F 1840.831	.0207489	.0442052
Stddev	.012613	.000079	.0002614	23.230	.0005290	.0005544
%RSD	.3078501	10.07127	.2672557	1.261936	2.549706	1.254183
#1	4.111226	-.000878	.0978640	1855.186	.0202703	.0437884
#2	4.087289	-.000736	.0975341	1814.030	.0213170	.0448344
#3	4.092367	-.000745	.0980503	1853.278	.0206595	.0439929

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2193729	225.4633	1.574738	F 1038.109	.2025220	.0005015
Stddev	.0028353	1.0097	.004766	4.181	.0004518	.0001635
%RSD	1.292470	.4478543	.3026406	.4027414	.2230917	32.60044
#1	.2212504	226.5018	1.579770	1041.932	.2030404	.0006770
#2	.2207570	224.4850	1.570292	1033.644	.2022125	.0004740
#3	.2161114	225.4032	1.574151	1038.751	.2023129	.0003535

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.498217	.0799532	F 40.63280	-.362919	.4900154	.9718622
Stddev	.137832	.0006841	.15513	.019163	.0036228	.0055769
%RSD	27.66500	.8556487	.3817928	5.280357	.7393125	.5738310
#1	-.644469	.0806267	40.74990	-.340792	.4935046	.9773858
#2	-.370728	.0792590	40.45686	-.373798	.4862724	.9662336
#3	-.479453	.0799740	40.69166	-.374168	.4902691	.9719673

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1046-22 Acquired: 1/24/2025 3:38:40 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCQ37 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007542	F 230.2680	.9410610	-.003127	-.020018	.0423705
Stddev	.0003681	.4313	.0041848	.000167	.000921	.0000972
%RSD	48.81005	.1873197	.4446921	5.355435	4.600230	.2294580
#1	.0004154	230.4347	.9439703	-.003299	-.020967	.0422871
#2	.0011459	229.7782	.9362650	-.002964	-.019961	.0424773
#3	.0007012	230.5912	.9429478	-.003119	-.019128	.0423472

Elem	Sr4077
Units	ppm
Avg	.7404377
Stddev	.0036234
%RSD	.4893606
#1	.7445078
#2	.7375632
#3	.7392421

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2766.368	57476.35	8791.925	1970.853	2988.531
Stddev	4.788	204.01	20.254	9.152	1.070
%RSD	.1730812	.3549402	.2303699	.4643582	.0358052
#1	2770.916	57306.42	8789.209	1968.945	2987.934
#2	2761.372	57702.60	8813.400	1980.809	2987.893
#3	2766.817	57420.02	8773.166	1962.806	2989.767

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1039-10DLX2 Acquired: 1/24/2025 3:42:49 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCPE5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000565	-.002210	-.000002	-.002652	-.001092	-.011134	-.016243
Stddev	.000480	.000585	.000442	.000178	.000164	.003889	.000515
%RSD	84.98612	26.47591	18189.07	6.697834	15.01545	34.93170	3.168606
#1	-.000833	-.001965	.000440	-.002857	-.001246	-.008051	-.016825
#2	-.000851	-.002878	-.000003	-.002544	-.001112	-.009847	-.015849
#3	-.000011	-.001787	-.000444	-.002556	-.000919	-.015504	-.016056

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000365	-.000015	.0167872	.0001491	.0000198	-.000387	.0020404
Stddev	.0000133	.000017	.0026658	.0000712	.0000156	.000308	.0013280
%RSD	36.40165	109.6065	15.87973	47.73646	78.62323	79.55523	65.08433
#1	.0000511	-.000012	.0197141	.0002310	.0000314	-.000217	.0023554
#2	.0000335	-.000001	.0144983	.0001129	.0000258	-.000742	.0005832
#3	.0000250	-.000034	.0161494	.0001032	.0000021	-.000201	.0031826

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002120	.0376936	.0002763	-.000383	.2310895	.0011262	-.000911
Stddev	.0000744	.0059035	.0000517	.000044	.1504953	.0006450	.000153
%RSD	35.08000	15.66174	18.70952	11.38904	65.12425	57.27256	16.83660
#1	.0002150	.0408063	.0003342	-.000335	.1361812	.0018710	-.000874
#2	.0002848	.0413893	.0002346	-.000391	.4046117	.0007586	-.000779
#3	.0001362	.0308852	.0002601	-.000421	.1524757	.0007491	-.001079

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-2.00547	-.002764	-.002669	-.000545	-.001996	-.004541	-.001171
Stddev	.02975	.000310	.000453	.000072	.001856	.002839	.000120
%RSD	1.483437	11.20803	16.99028	13.16381	93.01384	62.51277	10.23560
#1	-2.01128	-.002524	-.003189	-.000605	-.000215	-.005938	-.001053
#2	-2.03188	-.003114	-.002358	-.000466	-.001853	-.006410	-.001292
#3	-1.97324	-.002656	-.002460	-.000564	-.003920	-.001274	-.001168

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1039-10DLX2 Acquired: 1/24/2025 3:42:49 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCPE5 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000102	-.010096	-.000005
Stddev	.000156	.000373	.000009
%RSD	152.7052	3.690527	168.1025
#1	.000032	-.010047	.000005
#2	-.000065	-.009750	-.000009
#3	-.000273	-.010490	-.000012

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	13360.63	249144.8	24470.08	9603.512	17108.17
Stddev	232.58	16261.3	410.76	157.502	260.89
%RSD	1.740764	6.526838	1.678636	1.640051	1.524930
#1	13478.69	267878.1	24942.69	9758.699	17238.19
#2	13510.50	238670.2	24199.01	9608.046	17278.49
#3	13092.70	240886.2	24268.55	9443.791	16807.82

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1047-04DLX2 Acquired: 1/24/2025 3:47:06 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCQ41 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0544017	-.006688	12.13237	.0201985	.0206200	10.15571
Stddev	.0030259	.001979	.02259	.0038499	.0016167	.04876
%RSD	5.562114	29.58393	.1861955	19.06015	7.840418	.4800809
#1	.0512136	-.006389	12.11966	.0204346	.0223142	10.20355
#2	.0547576	-.008800	12.11899	.0162360	.0190940	10.15749
#3	.0572338	-.004876	12.15845	.0239249	.0204517	10.10609

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.86311	.0036221	.0892370	451.4078	.0845762	.0961629
Stddev	.08941	.0001143	.0002679	2.0437	.0002434	.0001009
%RSD	.5636610	3.155109	.3001989	.4527399	.2877898	.1049529
#1	15.76430	.0036536	.0889541	449.2432	.0843224	.0960562
#2	15.88658	.0037174	.0892701	453.3041	.0848076	.0962569
#3	15.93845	.0034954	.0894868	451.6760	.0845986	.0961756

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3306921	140.1223	9.649907	206.5527	.1135533	.0065141
Stddev	.0009975	.3879	.009293	.5102	.0001922	.0000859
%RSD	.3016481	.2768190	.0963043	.2470036	.1692547	1.318496
#1	.3311761	140.5596	9.649683	207.0868	.1135527	.0065565
#2	.3295450	139.8199	9.640728	206.0704	.1137458	.0065705
#3	.3313554	139.9874	9.659311	206.5008	.1133615	.0064153

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.306645	.1277457	8.105772	.6704687	2.096095	.6071387
Stddev	.169546	.0022300	.005397	.0090696	.001724	.0033433
%RSD	55.29066	1.745648	.0665775	1.352731	.0822546	.5506641
#1	-.126290	.1253948	8.101261	.6667084	2.097154	.6105757
#2	-.462777	.1298309	8.104304	.6638841	2.094105	.6038978
#3	-.330869	.1280115	8.111751	.6808137	2.097024	.6069427

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1047-04DLX2 Acquired: 1/24/2025 3:47:06 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCQ41 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0023492	F 10.61204	4.988483	.0024601	.3237812	.0096719
Stddev	.0002011	.03418	.028056	.0005820	.0007353	.0007863
%RSD	8.562096	.3221173	.5624104	23.65593	.2270938	8.130096
#1	.0024955	10.59046	4.956284	.0019220	.3233533	.0095389
#2	.0021198	10.59422	5.007673	.0023805	.3246303	.0105163
#3	.0024324	10.65145	5.001491	.0030778	.3233601	.0089605

Elem	Sr4077
Units	ppm
Avg	.2278159
Stddev	.0001498
%RSD	.0657457
#1	.2276874
#2	.2277801
#3	.2279804

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3334.649	66422.19	9639.549	2305.207	3608.310
Stddev	2.798	191.98	55.165	4.664	7.017
%RSD	.0839189	.2890333	.5722766	.2023143	.1944761
#1	3336.034	66381.21	9696.543	2303.955	3608.142
#2	3336.485	66631.35	9635.689	2310.369	3615.410
#3	3331.428	66254.01	9586.416	2301.296	3601.378

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1047-05DLX2 Acquired: 1/24/2025 3:51:18 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCQ41D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0534361	-.005180	12.16309	.0204375	.0199951	10.07421
Stddev	.0030072	.003229	.02671	.0003815	.0009178	.01878
%RSD	5.627672	62.34704	.2196235	1.866488	4.590351	.1864032
#1	.0535638	-.008099	12.17818	.0205348	.0189688	10.07728
#2	.0503670	-.005729	12.13225	.0207610	.0202789	10.09127
#3	.0563774	-.001711	12.17885	.0200169	.0207375	10.05409

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.34444	.0035730	.0896956	443.8040	.0840785	.0965854
Stddev	.12819	.0001750	.0002623	4.8267	.0004600	.0006921
%RSD	.8354347	4.897458	.2924223	1.087570	.5471051	.7165393
#1	15.49167	.0034670	.0898757	445.1792	.0840953	.0964807
#2	15.25751	.0037750	.0893947	447.7938	.0845298	.0959517
#3	15.28415	.0034770	.0898164	438.4389	.0836103	.0973239

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3204524	138.3198	9.447247	203.5736	.1138868	.0058982
Stddev	.0037236	.5246	.029642	.7830	.0011195	.0003420
%RSD	1.161987	.3792753	.3137628	.3846389	.9829770	5.797672
#1	.3231420	138.1527	9.465970	203.2383	.1140989	.0061861
#2	.3162025	138.9076	9.462699	204.4685	.1126765	.0055202
#3	.3220129	137.8991	9.413071	203.0141	.1148851	.0059882

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.329171	.1278907	7.926612	.6296885	2.097524	.5990710
Stddev	.080750	.0019073	.064388	.0236953	.006358	.0030614
%RSD	24.53125	1.491376	.8123069	3.763026	.3031085	.5110260
#1	-.417802	.1257632	7.944269	.6569080	2.101261	.5985474
#2	-.259777	.1294477	7.980330	.6136718	2.090183	.6023604
#3	-.309933	.1284613	7.855238	.6184857	2.101128	.5963051

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1047-05DLX2 Acquired: 1/24/2025 3:51:18 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCQ41D Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0024375	F 10.73078	4.943897	.0015857	.3194663	.0100504
Stddev	.0003141	.02889	.008604	.0009734	.0046661	.0007813
%RSD	12.88688	.2692621	.1740271	61.38737	1.460583	7.773964
#1	.0022407	10.74931	4.947667	.0026554	.3247785	.0091558
#2	.0027997	10.69749	4.949972	.0007519	.3160306	.0103968
#3	.0022720	10.74555	4.934052	.0013498	.3175898	.0105988

Elem	Sr4077
Units	ppm
Avg	.2234325
Stddev	.0008481
%RSD	.3795824
#1	.2242437
#2	.2235019
#3	.2225518

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3308.206	67162.89	9758.534	2330.954	3579.297
Stddev	4.201	247.68	14.163	16.677	3.971
%RSD	.1269821	.3687707	.1451373	.7154715	.1109299
#1	3311.537	67239.89	9774.431	2326.611	3574.894
#2	3309.595	66885.86	9747.258	2316.877	3582.605
#3	3303.487	67362.92	9753.914	2349.373	3580.392

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1047-04LDLX10 Acquired: 1/24/2025 3:55:30 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCQ41L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0079788	-.001053	2.464373	.0045850	.0030923	1.958143	3.086701
Stddev	.0006911	.000987	.010726	.0022887	.0001740	.036354	.018101
%RSD	8.661689	93.74419	.4352293	49.91588	5.625319	1.856568	.5864346
#1	.0078381	-.000440	2.459763	.0071835	.0032818	1.951476	3.094088
#2	.0087294	-.000527	2.456722	.0028685	.0030553	1.997370	3.099940
#3	.0073689	-.002192	2.476632	.0037032	.0029399	1.925584	3.066074

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0009140	.0177427	89.19239	.0182336	.0193257	.0695009	28.46230
Stddev	.0000147	.0000742	.42899	.0000430	.0001505	.0012073	.16471
%RSD	1.608331	.4180472	.4809713	.2356052	.7787635	1.737146	.5786983
#1	.0009291	.0177695	89.20745	.0181990	.0191593	.0689204	28.43378
#2	.0008997	.0176588	89.61365	.0182817	.0194523	.0708889	28.63941
#3	.0009133	.0177997	88.75607	.0182202	.0193653	.0686935	28.31371

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.909745	40.11084	.0223593	.0006759	-.269558	.0265595	1.575193
Stddev	.011339	.24911	.0001988	.0000393	.257362	.0002163	.009451
%RSD	.5937377	.6210485	.8888961	5.817495	95.47538	.8142587	.5999733
#1	1.916929	40.12831	.0222119	.0007202	-.328649	.0266991	1.586095
#2	1.915632	40.35076	.0222807	.0006450	-.492236	.0263104	1.569324
#3	1.896673	39.85346	.0225854	.0006625	.012210	.0266691	1.570160

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.119138	.3937979	.1225036	.0001551	1.985083	1.052413	-.002295
Stddev	.030518	.0016749	.0005211	.0000490	.023842	.009065	.000462
%RSD	25.61608	.4253197	.4254131	31.55950	1.201062	.8613167	20.14985
#1	-.123709	.3930927	.1219338	.0001933	1.972740	1.056311	-.002405
#2	-.086592	.3925909	.1226212	.0000999	1.969943	1.058876	-.002692
#3	-.147113	.3957101	.1229560	.0001722	2.012566	1.042051	-.001787

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1047-04LDLX10 Acquired: 1/24/2025 3:55:30 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCQ41L Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0696538	-.003037	.0445537
Stddev	.0012796	.000747	.0002515
%RSD	1.837043	24.59615	.5645436
#1	.0682440	-.003421	.0447311
#2	.0707416	-.003513	.0446641
#3	.0699758	-.002176	.0442658

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3524.641	70084.66	9718.188	2449.400	4128.668
Stddev	14.602	41.96	34.405	4.715	16.854
%RSD	.4142745	.0598653	.3540237	.1924820	.4082080
#1	3526.900	70112.60	9719.730	2448.772	4134.388
#2	3537.982	70036.41	9751.795	2454.397	4141.918
#3	3509.042	70104.97	9683.038	2445.031	4109.699

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1047-06DLX2 Acquired: 1/24/2025 3:59:32 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCQ41S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0910944	.0445356	12.15551	.0995961	.1041464	11.11081
Stddev	.0008900	.0034837	.00280	.0015026	.0022426	.02557
%RSD	.9769872	7.822385	.0230315	1.508649	2.153277	.2301092
#1	.0901429	.0408072	12.15465	.0999120	.1045142	11.13771
#2	.0912337	.0477078	12.15325	.0979607	.1061823	11.08683
#3	.0919065	.0450919	12.15865	.1009156	.1017426	11.10789

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.83247	.0524785	.1384107	417.8406	.2854848	.5798726
Stddev	.11193	.0001760	.0003214	4.3427	.0013283	.0008646
%RSD	.7069936	.3353848	.2322320	1.039326	.4652798	.1490970
#1	15.73072	.0523201	.1381108	417.5136	.2850516	.5796192
#2	15.81431	.0526680	.1387500	413.6706	.2844272	.5791630
#3	15.95237	.0524473	.1383712	422.3376	.2869756	.5808356

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5292290	131.1002	9.256631	190.7887	.5966509	.0405004
Stddev	.0020213	.2434	.018507	.3527	.0006161	.0004630
%RSD	.3819371	.1856644	.1999321	.1848773	.1032578	1.143217
#1	.5286311	131.3230	9.268362	190.7654	.5961315	.0399912
#2	.5314818	130.8404	9.235297	190.4483	.5964895	.0406138
#3	.5275740	131.1371	9.266236	191.1525	.5973316	.0408962

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.178123	.5936195	7.989165	.4254059	2.101644	.5629220
Stddev	.263646	.0018187	.061225	.0473883	.006173	.0019753
%RSD	148.0135	.3063700	.7663449	11.13955	.2937189	.3509091
#1	-.397268	.5946823	7.918688	.4285981	2.097080	.5650229
#2	.114455	.5915196	8.019596	.4711175	2.108668	.5611024
#3	-.251556	.5946568	8.029212	.3765023	2.099185	.5626407

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: Q1047-06DLX2 Acquired: 1/24/2025 3:59:32 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCQ41S Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0021669	F 10.80756	4.696168	.0027305	.3078574	.0084870
Stddev	.0006355	.00683	.031421	.0005037	.0022364	.0012966
%RSD	29.32731	.0632048	.6690799	18.44736	.7264487	15.27749
#1	.0014771	10.80235	4.706653	.0028673	.3059816	.0092970
#2	.0022951	10.81530	4.721006	.0031517	.3103324	.0091726
#3	.0027286	10.80505	4.660845	.0021725	.3072581	.0069916

Elem	Sr4077
Units	ppm
Avg	.2082406
Stddev	.0007377
%RSD	.3542625
#1	.2088543
#2	.2074221
#3	.2084453

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3292.765	67935.79	9517.254	2341.073	3566.162
Stddev	3.847	185.76	25.053	19.969	4.311
%RSD	.1168443	.2734355	.2632376	.8529636	.1208846
#1	3291.766	68046.08	9545.434	2361.625	3564.009
#2	3297.014	68039.97	9497.502	2339.849	3571.125
#3	3289.516	67721.32	9508.825	2321.745	3563.352

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: CCV011 Acquired: 1/24/2025 4:03:42 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV011 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.793595	4.757282	24.45141	4.734857	4.800494	386.8981
Stddev	.013492	.047759	.02590	.009788	.013073	2.8183
%RSD	.2814663	1.003905	.1059376	.2067119	.2723189	.7284422
#1	4.787406	4.715488	24.43587	4.723844	4.798880	388.1033
#2	4.784307	4.747023	24.43705	4.738169	4.788303	388.9133
#3	4.809071	4.809337	24.48131	4.742559	4.814299	383.6775

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.762361	.4998706	2.487426	390.6340	15.66860	2.467571
Stddev	.122195	.0011590	.007347	1.0921	.01933	.002315
%RSD	1.251691	.2318612	.2953485	.2795607	.1233751	.0938313
#1	9.629183	.4987892	2.481328	390.8055	15.68729	2.465053
#2	9.869315	.5010941	2.485368	389.4663	15.64869	2.468052
#3	9.788585	.4997284	2.495582	391.6301	15.66981	2.469608

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.50804	401.5142	14.64657	394.4262	2.470164	1.272037
Stddev	.01061	.5806	.02211	.8325	.002966	.000593
%RSD	.0731331	.1446068	.1509563	.2110602	.1200872	.0465887
#1	14.49600	401.4969	14.65713	394.2312	2.467767	1.272593
#2	14.51209	400.9424	14.62116	393.7086	2.469242	1.271413
#3	14.51603	402.1032	14.66142	395.3389	2.473481	1.272106

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	378.5648	2.472795	14.95541	146.2537	5.144173	F 5.928908
Stddev	.8092	.003866	.05022	.2731	.014114	.009761
%RSD	.2137527	.1563409	.3358069	.1867306	.2743662	.1646299
#1	377.6667	2.468351	15.01119	146.2031	5.138301	5.919969
#2	379.2371	2.474646	14.91378	146.0095	5.133942	5.939322
#3	378.7906	2.475387	14.94127	146.5486	5.160275	5.927432

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: CCV011 Acquired: 1/24/2025 4:03:42 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV011 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.784355	4.986554	4.884834	5.033941	4.866573	4.665190
Stddev	.016730	.015202	.014972	.011737	.012142	.008619
%RSD	.3496898	.3048556	.3065007	.2331568	.2495068	.1847507
#1	4.776253	4.970706	4.902119	5.020924	4.853649	4.671416
#2	4.773219	4.987940	4.875896	5.037182	4.868328	4.655353
#3	4.803594	5.001015	4.876487	5.043717	4.877743	4.668802

Elem	Sr4077
Units	ppm
Avg	4.928387
Stddev	.006998
%RSD	.1419908
#1	4.933185
#2	4.931619
#3	4.920357

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2854.444	60603.04	9147.549	2104.450	3246.200
Stddev	9.259	130.17	3.191	7.933	3.596
%RSD	.3243838	.2147960	.0348883	.3769418	.1107795
#1	2854.319	60496.86	9143.939	2095.407	3245.852
#2	2863.765	60748.26	9148.712	2110.232	3249.957
#3	2845.247	60563.99	9149.995	2107.711	3242.790

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: CCB011 Acquired: 1/24/2025 4:08:01 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB011 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000879	-.002040	-.000242	-.002887	-.001121	-.007645	-.015892
Stddev	.000220	.000517	.000570	.000072	.000021	.001812	.000260
%RSD	25.04792	25.32629	235.9395	2.491272	1.832749	23.69818	1.634993
#1	-.000722	-.002248	.000323	-.002969	-.001102	-.005557	-.015797
#2	-.001130	-.002420	-.000816	-.002835	-.001118	-.008568	-.015694
#3	-.000783	-.001451	-.000232	-.002857	-.001143	-.008809	-.016186

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000523	-.000012	-.003090	.0004558	.0000037	.0004151	.0032288
Stddev	.0000299	.000018	.004033	.0001585	.0000747	.0013387	.0030311
%RSD	57.17438	144.3342	130.5241	34.76630	2024.259	322.4646	93.87767
#1	.0000205	-.000009	.000068	.0006362	.0000387	-.000876	.0041970
#2	.0000798	.000003	-.001704	.0003922	-.000082	.001797	.0056575
#3	.0000565	-.000032	-.007632	.0003390	.000054	.000325	-.000168

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004383	.0251980	.0003028	-.000471	.2728955	.0016361	-.001354
Stddev	.0000725	.0042496	.0000944	.000099	.0533545	.0008900	.000243
%RSD	16.54885	16.86475	31.17205	20.92773	19.55127	54.39754	17.97841
#1	.0005213	.0297958	.0002110	-.000369	.3343435	.0023673	-.001527
#2	.0004065	.0214145	.0003996	-.000566	.2460202	.0018960	-.001075
#3	.0003871	.0243837	.0002979	-.000478	.2383228	.0006451	-.001458

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-1.97928	-.003006	-.000768	-.000403	-.004042	-.003445	-.001059
Stddev	.00701	.000680	.000326	.000038	.001574	.001425	.000143
%RSD	.3539856	22.63322	42.43436	9.388723	38.94551	41.36440	13.49017
#1	-1.97785	-.002396	-.001141	-.000366	-.005725	-.003496	-.001012
#2	-1.97311	-.003739	-.000538	-.000442	-.002607	-.001995	-.001219
#3	-1.98690	-.002882	-.000625	-.000401	-.003793	-.004843	-.000945

Reviewed By:kareem
On:1/24/2025 4:41:08 PM
Inst Id :P4

Sample Name: CCB011 Acquired: 1/24/2025 4:08:01 Type: Unk
Method: EPA SFAM01.0(v52) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB011 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0002132	-.010494	.0000360
Stddev	.0005172	.000474	.0000223
%RSD	242.5571	4.514454	62.10631
#1	.0003257	-.010240	.0000222
#2	.0006650	-.010203	.0000618
#3	-.000351	-.011041	.0000240

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	13426.98	247527.0	24510.87	9498.541	17078.94
Stddev	125.51	9483.5	217.88	157.340	161.93
%RSD	.9347858	3.831293	.8889184	1.656464	.9481501
#1	13530.95	237979.8	24762.30	9680.140	17218.73
#2	13462.45	247655.9	24377.55	9412.462	17116.59
#3	13287.55	256945.4	24392.75	9403.021	16901.49