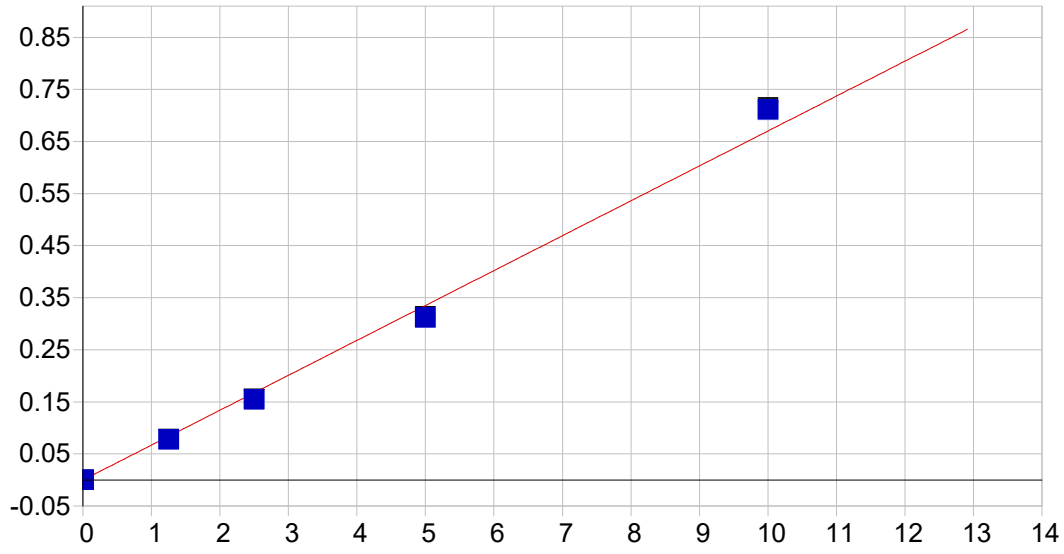
Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4



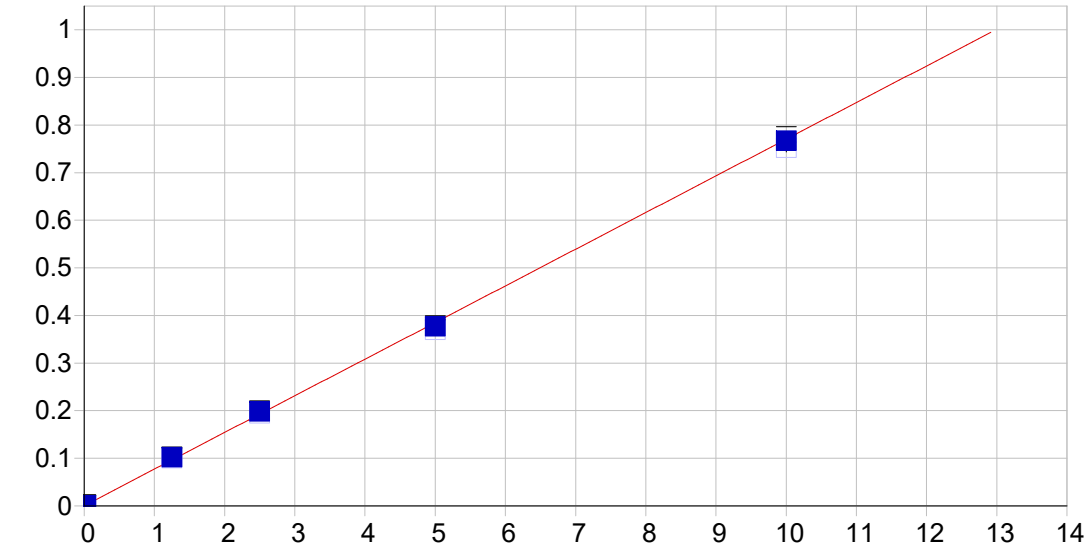
As 189.042 {479}

Date of Fit:	1/24/2025 17:06:08	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000121	Re-Slope:	1.000000
A1 (Gain):	0.067032	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.997810	Status:	OK.
Std Error of Est:	0.000074		
Predicted MDL:	0.002598		
Predicted MQL:	0.008660		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00012	.000	1
S1	.01000	.01208	.002	20.8	.00069	.000	1
S3	2.5000	2.3130	-.187	-7.48	.15463	.000	1
S4	5.0000	4.6579	-.342	-6.84	.31151	.002	1
S5	10.000	10.616	.616	6.16	.71031	.004	1
S2	1.2500	1.1609	-.089	-7.13	.07755	.001	1

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4



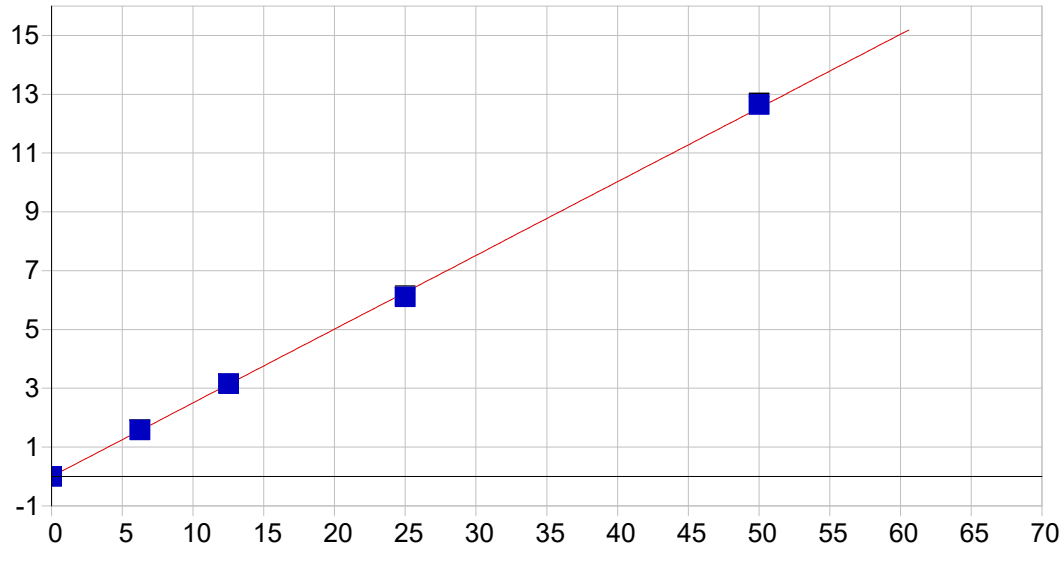
Tl 190.856 {477}

Date of Fit:	1/24/2025 17:06:08	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000251	Re-Slope:	1.000000
A1 (Gain):	0.077000	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999759	Status:	OK.
Std Error of Est:	0.000044		
Predicted MDL:	0.002042		
Predicted MQL:	0.006807		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00025	.000	1
S1	.02500	.02632	.001	5.29	.00220	.000	1
S3	2.5000	2.5708	.071	2.83	.19448	.002	1
S4	5.0000	4.8958	-.104	-2.08	.36979	.002	1
S5	10.000	9.9589	-.041	-.411	.75220	.008	1
S2	1.2500	1.3232	.073	5.85	.10027	.001	1

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4



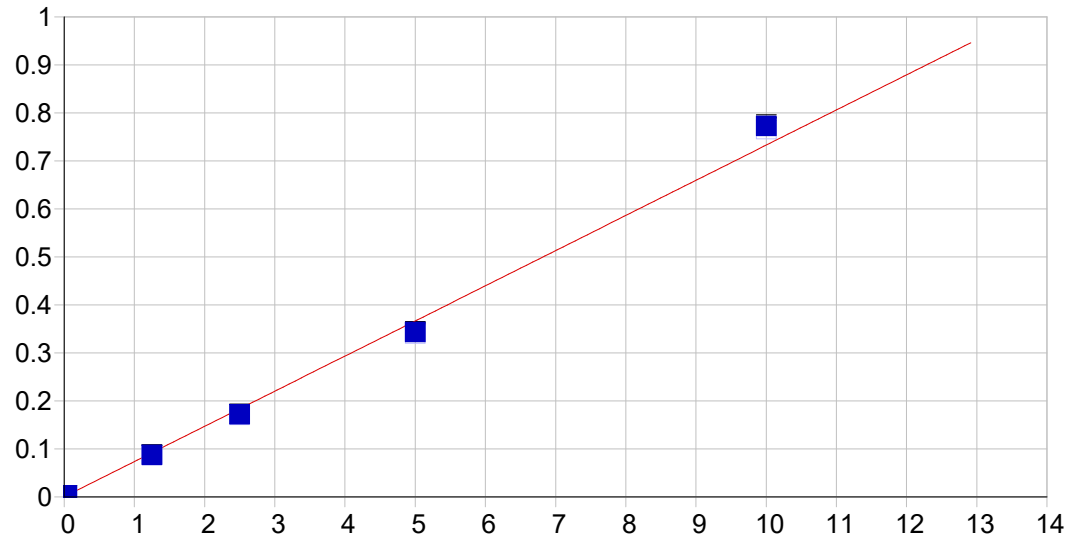
Pb 220.353 {453}

Date of Fit:	1/24/2025 17:06:08	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000021	Re-Slope:	1.000000
A1 (Gain):	0.250651	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999887	Status:	OK.
Std Error of Est:	0.000141		
Predicted MDL:	0.001573		
Predicted MQL:	0.005244		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00002	.000	1
S1	.01000	.00884	-.001	-11.6	.00222	.000	1
S3	12.500	12.591	.091	.730	3.1534	.002	1
S4	25.000	24.381	-.619	-2.48	6.1058	.032	1
S5	50.000	50.460	.460	.920	12.637	.055	1
S2	6.2500	6.3196	.070	1.11	1.5827	.003	1

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4



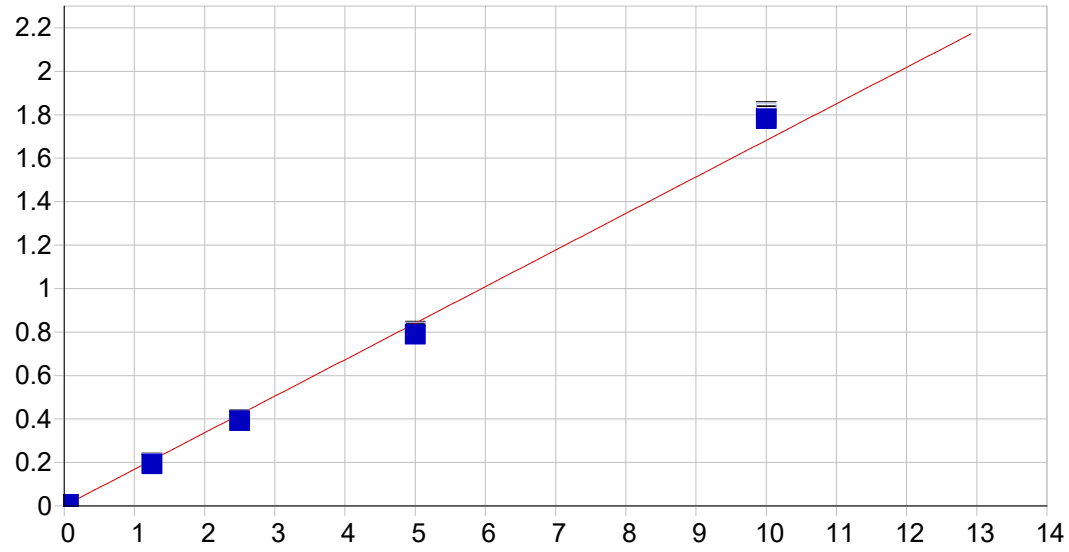
Se 196.090 {472}

Date of Fit:	1/24/2025 17:06:08	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000459	Re-Slope:	1.000000
A1 (Gain):	0.073234	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.998297	Status:	OK.
Std Error of Est:	0.000133		
Predicted MDL:	0.002980		
Predicted MQL:	0.009933		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00046	.000	1
S1	.03500	.03081	-.004	-12.0	.00271	.000	1
S3	2.5000	2.3430	-.157	-6.28	.17036	.000	1
S4	5.0000	4.6814	-.319	-6.37	.33992	.002	1
S5	10.000	10.541	.541	5.41	.76569	.003	1
S2	1.2500	1.1885	-.061	-4.92	.08666	.000	1

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4



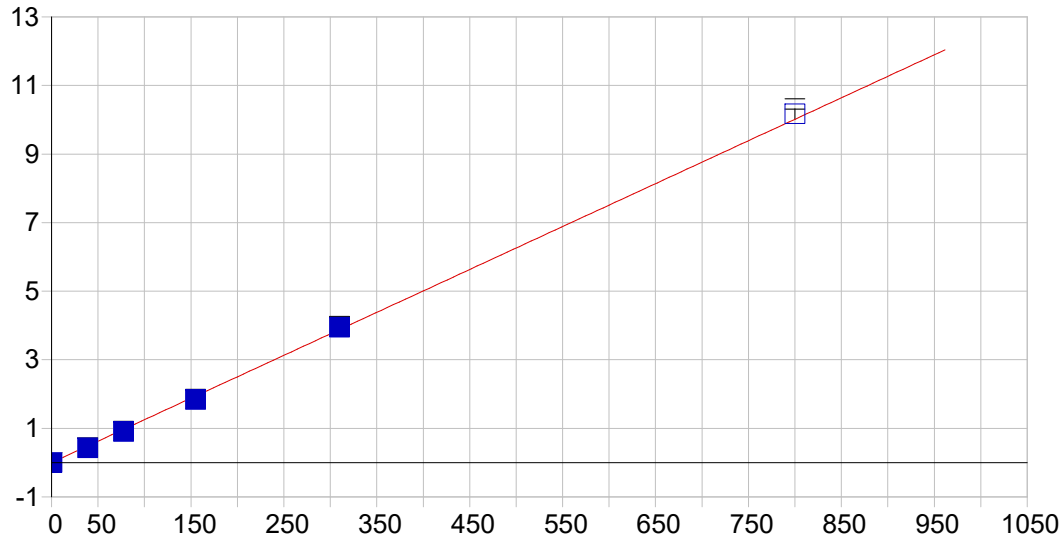
Sb 206.833 {463}

Date of Fit:	1/24/2025 17:06:08	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000242	Re-Slope:	1.000000
A1 (Gain):	0.168156	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.998011	Status:	OK.
Std Error of Est:	0.000443		
Predicted MDL:	0.001646		
Predicted MQL:	0.005486		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00002	.000	.000	.00025	.000	1
S1	.06000	.05240	-.008	-12.7	.00903	.000	1
S3	2.5000	2.3242	-.176	-7.03	.39667	.001	1
S4	5.0000	4.6895	-.311	-6.21	.80003	.004	1
S5	10.000	10.598	.598	5.98	1.8048	.010	1
S2	1.2500	1.1458	-.104	-8.33	.19572	.001	1

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4



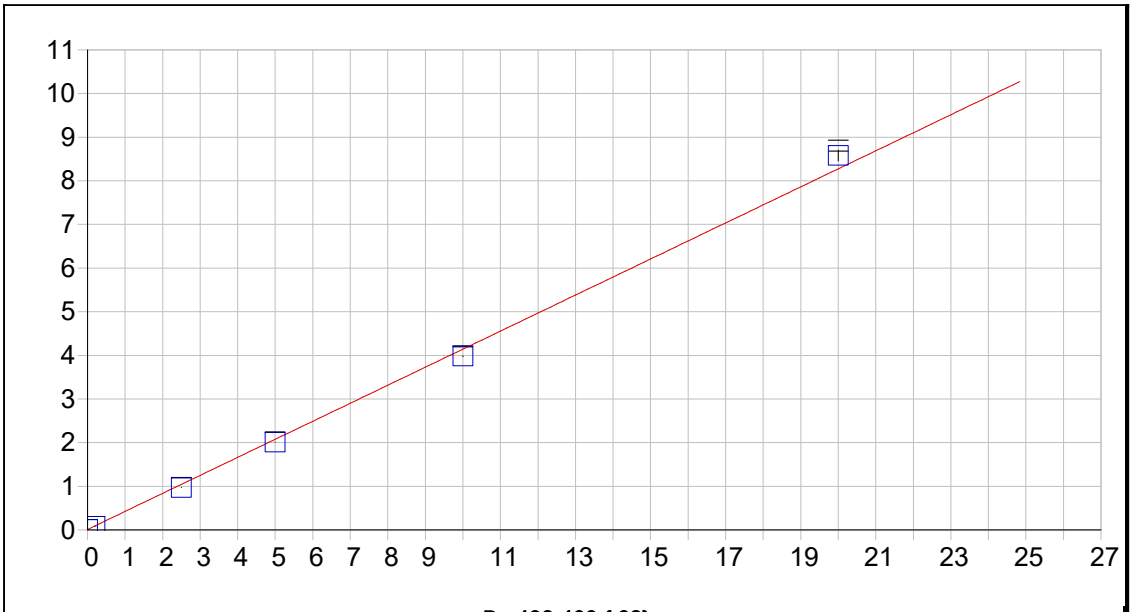
Al 396.152 { 85}

Date of Fit:	1/24/2025 17:06:08	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000006	Re-Slope:	1.000000
A1 (Gain):	0.012519	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999440	Status:	OK.
Std Error of Est:	0.000261		
Predicted MDL:	0.009836		
Predicted MQL:	0.032786		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00005	.000	.000	.00001	.000	1
S1	.20000	.18622	-.014	-6.89	.00234	.000	1
S3	77.500	72.460	-5.04	-6.50	.90825	.003	1
S4	155.00	146.71	-8.29	-5.35	1.8389	.007	1
S5	310.00	315.06	5.06	1.63	3.9487	.029	1
S2	38.750	34.377	-4.37	-11.3	.43093	.002	1
S6	800.00	812.67	12.7	1.58	10.174	.147	1

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4



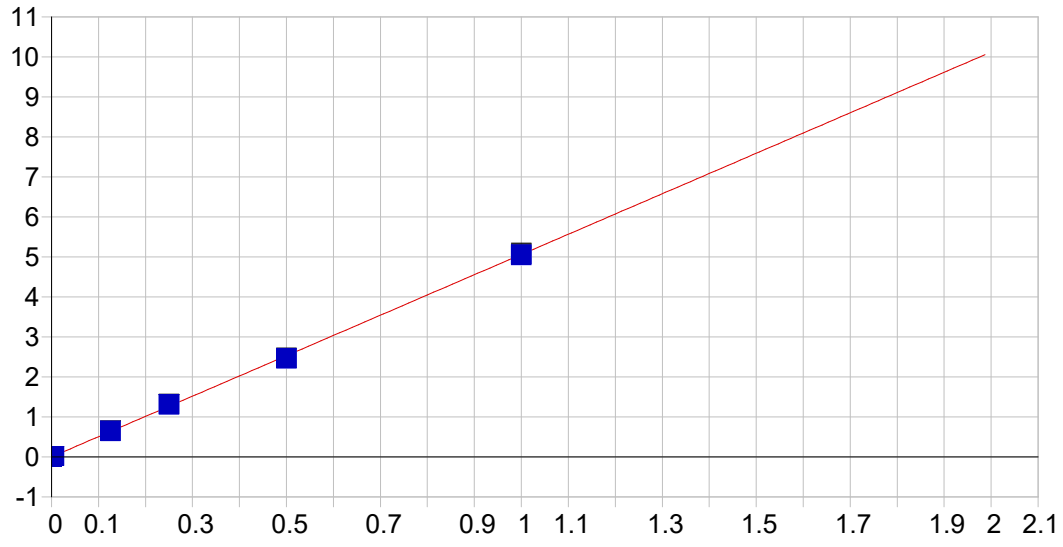
Ba 493.409 { 68}

Date of Fit:	1/24/2025 17:06:08	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.010406	Re-Slope:	1.000000
A1 (Gain):	0.413204	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999177	Status:	OK.
Std Error of Est:	0.001782		
Predicted MDL:	0.000985		
Predicted MQL:	0.003282		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00004	.000	.000	.01042	.000	1
S1	.20000	.18075	-.019	-9.63	.08509	.000	1
S3	5.0000	4.8460	-.154	-3.08	2.0128	.007	1
S4	10.000	9.6068	-.393	-3.93	3.9800	.011	1
S5	20.000	20.743	.743	3.71	8.5814	.126	1
S2	2.5000	2.3236	-.176	-7.05	.97055	.004	1

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4



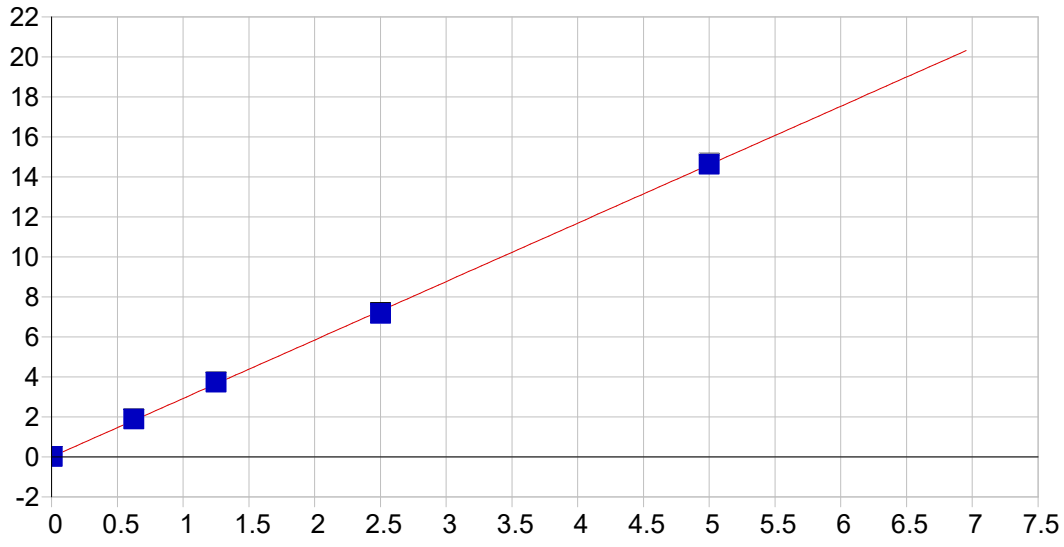
Be 234.861 {144}

Date of Fit:	1/24/2025 17:06:08	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000006	Re-Slope:	1.000000
A1 (Gain):	5.060700	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999779	Status:	OK.
Std Error of Est:	0.000397		
Predicted MDL:	0.000076		
Predicted MQL:	0.000254		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00000	.000	1
S1	.00500	.00533	.000	6.69	.02697	.001	1
S3	.25000	.25950	.009	3.80	1.3075	.005	1
S4	.50000	.48723	-.013	-2.55	2.4543	.004	1
S5	1.0000	.99920	-.001	-.080	5.0339	.038	1
S2	.12500	.12874	.004	3.00	.64870	.005	1

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4



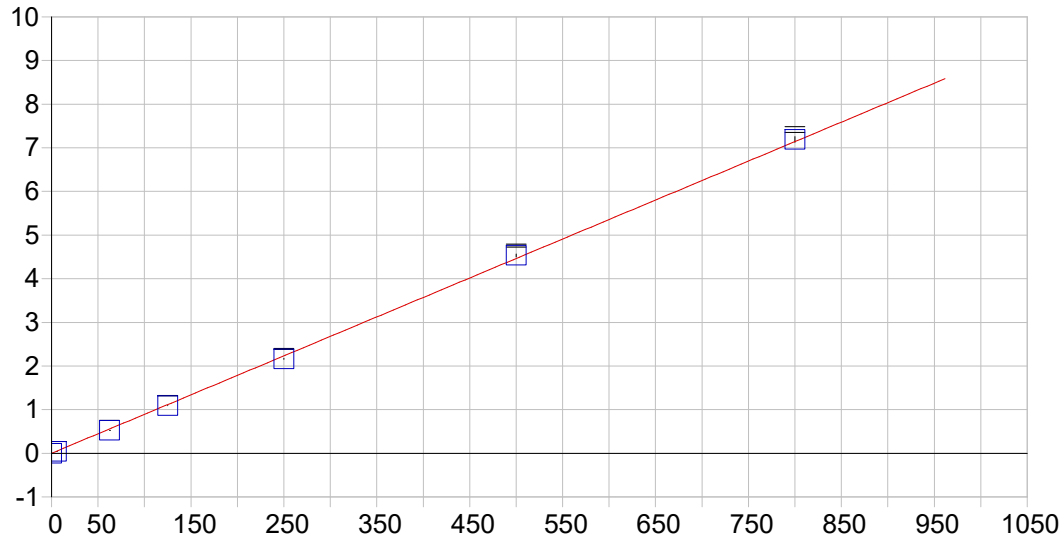
Cd 214.438 {457}

Date of Fit:	1/24/2025 17:06:08	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000018	Re-Slope:	1.000000
A1 (Gain):	2.922093	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999888	Status:	OK.
Std Error of Est:	0.000368		
Predicted MDL:	0.000085		
Predicted MQL:	0.000282		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00002	.000	1
S1	.00500	.00503	.000	.622	.01469	.000	1
S3	1.2500	1.2767	.027	2.13	3.7378	.008	1
S4	2.5000	2.4508	-.049	-1.97	7.1758	.040	1
S5	5.0000	5.0036	.004	.071	14.650	.044	1
S2	.62500	.64395	.019	3.03	1.8853	.005	1

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4



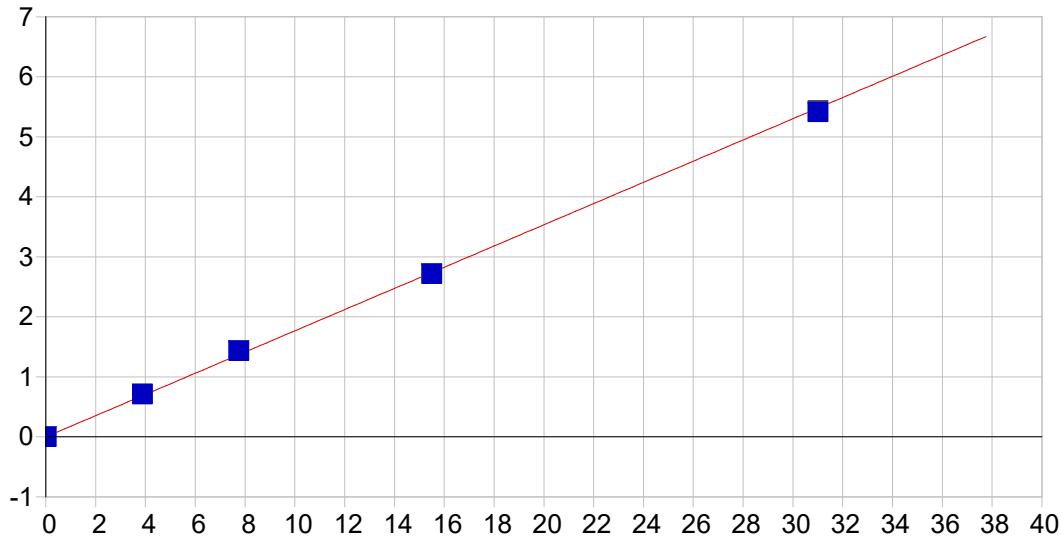
Ca 373.690 { 90}

Date of Fit:	1/24/2025 17:06:08	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000035	Re-Slope:	1.000000
A1 (Gain):	0.008927	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999808	Status:	OK.
Std Error of Est:	0.000610		
Predicted MDL:	0.010719		
Predicted MQL:	0.035731		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00068	.001	.000	.00004	.000	1
S2	62.500	58.971	-3.53	-5.65	.52649	.002	1
S3	125.00	122.49	-2.51	-2.01	1.0936	.002	1
S4	250.00	242.39	-7.61	-3.04	2.1640	.008	1
S5	500.00	508.07	8.07	1.61	4.5358	.032	1
S1	5.0000	4.7379	-.262	-5.24	.04233	.000	1
S6	800.00	805.84	5.84	.729	7.1941	.067	1

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4



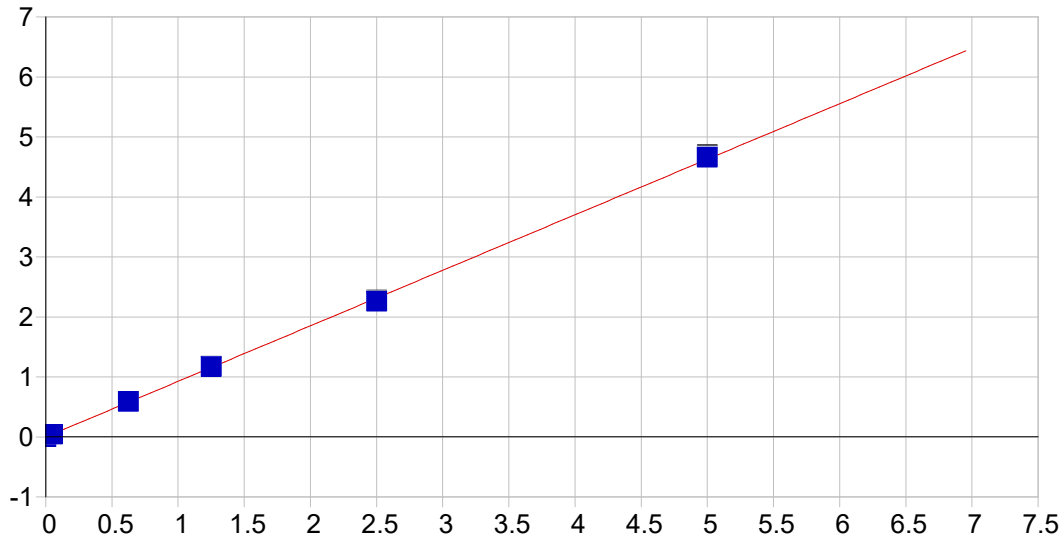
Cr 267.716 {126}

Date of Fit:	1/24/2025 17:06:08	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000041	Re-Slope:	1.000000
A1 (Gain):	0.176694	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999757	Status:	OK.
Std Error of Est:	0.000115		
Predicted MDL:	0.000451		
Predicted MQL:	0.001505		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00004	.000	1
S1	.01000	.01101	.001	10.1	.00191	.000	1
S3	7.7500	8.1193	.369	4.77	1.4349	.003	1
S4	15.500	15.361	-.139	-.898	2.7148	.006	1
S5	31.000	30.631	-.369	-1.19	5.4136	.017	1
S2	3.8750	4.0129	.138	3.56	.70919	.001	1

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4



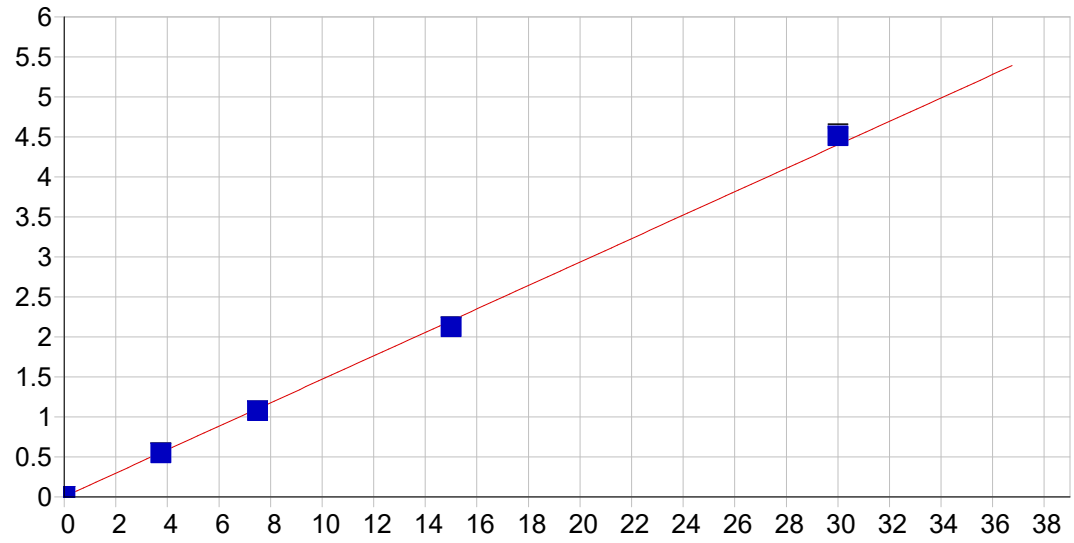
Co 228.616 {448}

Date of Fit:	1/24/2025 17:06:08	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000081	Re-Slope:	1.000000
A1 (Gain):	0.925586	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999893	Status:	OK.
Std Error of Est:	0.000361		
Predicted MDL:	0.000296		
Predicted MQL:	0.000985		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00008	.000	1
S1	.05000	.04888	-.001	-2.25	.04533	.000	1
S3	1.2500	1.2649	.015	1.19	1.1751	.002	1
S4	2.5000	2.4405	-.059	-2.38	2.2676	.011	1
S5	5.0000	5.0360	.036	.721	4.6788	.022	1
S2	.62500	.63473	.010	1.56	.58961	.001	1

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4



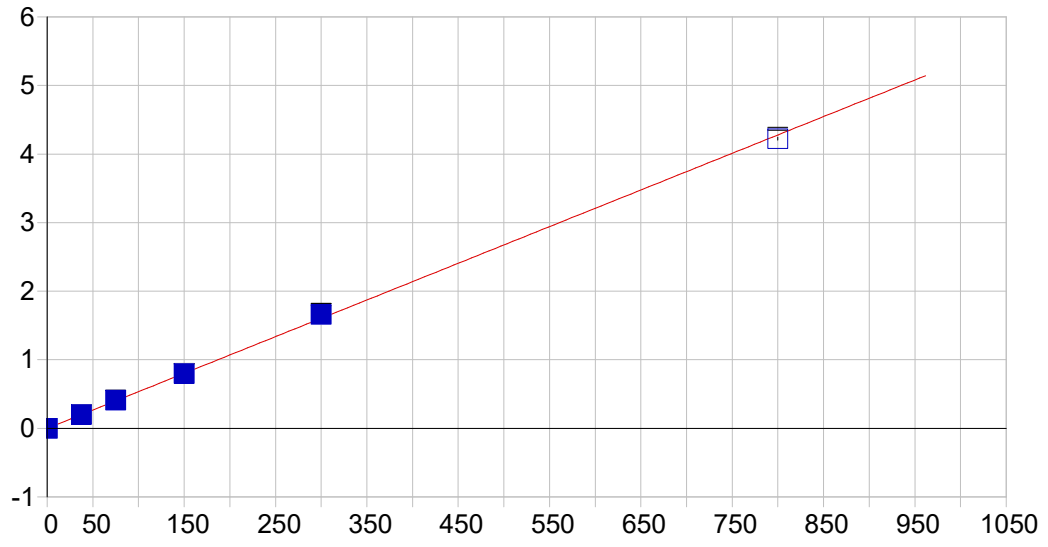
Cu 324.754 {104}

Date of Fit:	1/24/2025 17:06:08	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.004396	Re-Slope:	1.000000
A1 (Gain):	0.146548	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999617	Status:	OK.
Std Error of Est:	0.000186		
Predicted MDL:	0.002889		
Predicted MQL:	0.009630		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00440	.000	1
S1	.02500	.02470	-.000	-1.21	.00802	.000	1
S3	7.5000	7.3249	-.175	-2.33	1.0777	.001	1
S4	15.000	14.458	-.542	-3.62	2.1229	.006	1
S5	30.000	30.756	.756	2.52	4.5112	.023	1
S2	3.7500	3.7116	-.038	-1.02	.54827	.002	1

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4



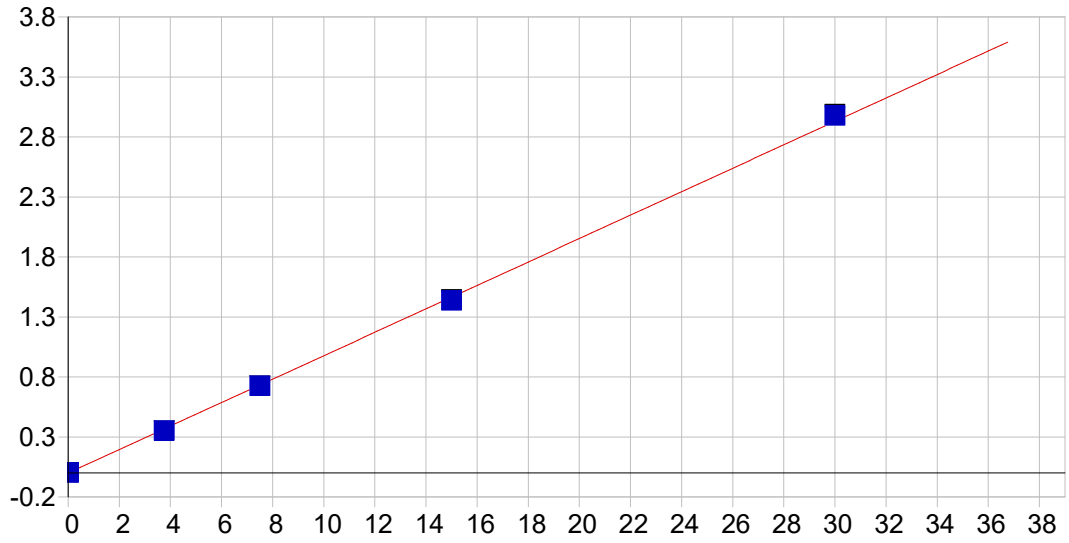
Fe 259.837 {130}

Date of Fit:	1/24/2025 17:06:08	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000005	Re-Slope:	1.000000
A1 (Gain):	0.005348	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999804	Status:	OK.
Std Error of Est:	0.000046		
Predicted MDL:	0.007495		
Predicted MQL:	0.024985		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00001	.000	1
S1	.10000	.09590	-.004	-4.10	.00050	.000	1
S3	75.000	76.204	1.20	1.60	.40714	.001	1
S4	150.00	149.14	-.863	-.575	.79679	.003	1
S5	300.00	310.53	10.5	3.51	1.6592	.016	1
S2	37.500	36.995	-.505	-1.35	.19765	.001	1
S6	800.00	789.65	-10.4	-1.29	4.2232	.022	1

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4



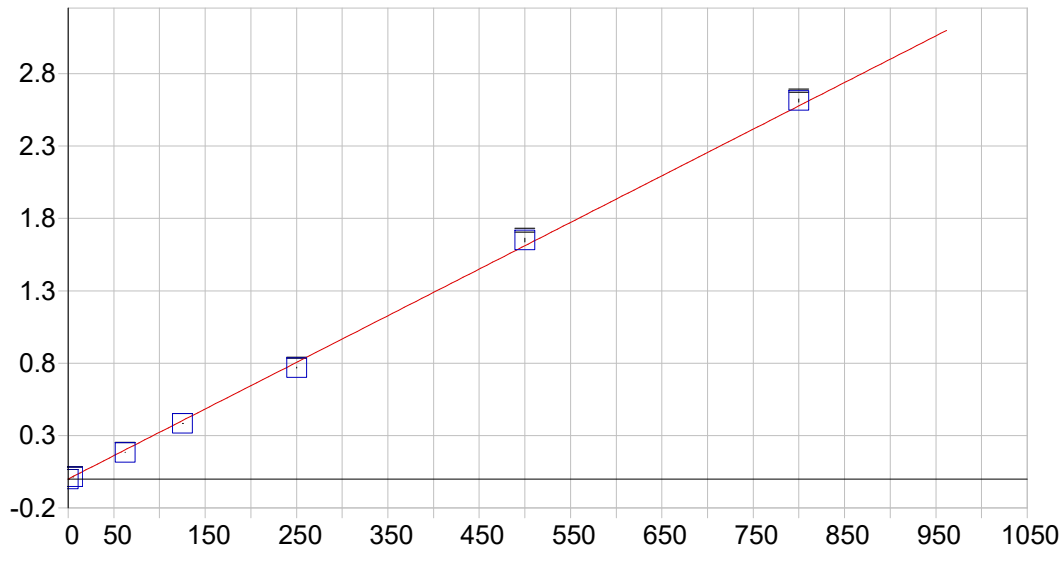
Mn 257.610 {131}

Date of Fit:	1/24/2025 17:06:08	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000027	Re-Slope:	1.000000
A1 (Gain):	0.097646	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999814	Status:	OK.
Std Error of Est:	0.000067		
Predicted MDL:	0.000390		
Predicted MQL:	0.001300		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00003	.000	1
S1	.01500	.01425	-.001	-4.98	.00142	.000	1
S3	7.5000	7.4260	-.074	-.987	.72464	.001	1
S4	15.000	14.717	-.283	-1.88	1.4361	.006	1
S5	30.000	30.510	.510	1.70	2.9772	.010	1
S2	3.7500	3.5977	-.152	-4.06	.35107	.001	1

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4



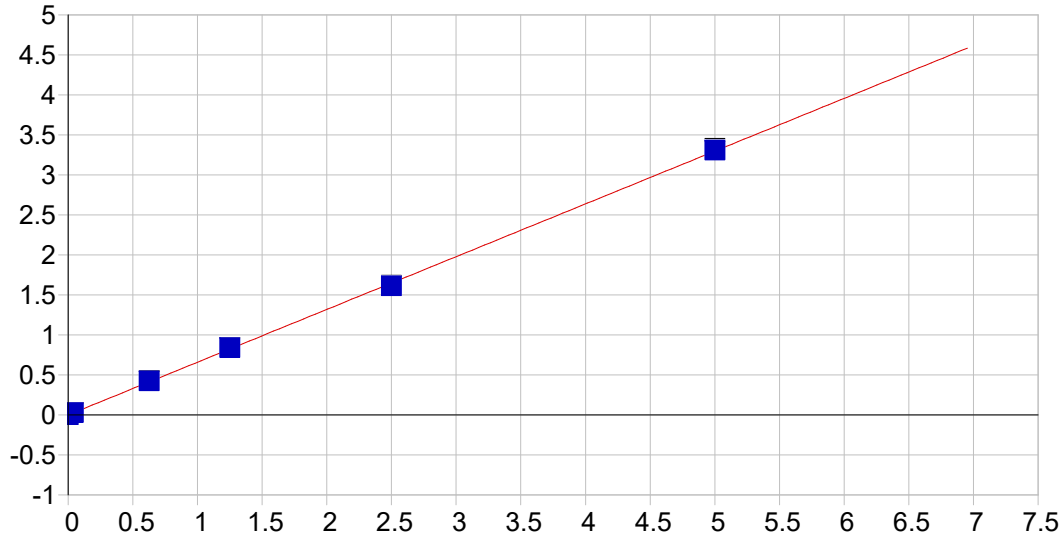
Mg 279.079 {121}

Date of Fit:	1/24/2025 17:06:08	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000007	Re-Slope:	1.000000
A1 (Gain):	0.003222	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999465	Status:	OK.
Std Error of Est:	0.000368		
Predicted MDL:	0.016099		
Predicted MQL:	0.053664		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00141	.001	.000	.00001	.000	1
S2	62.500	56.813	-5.69	-9.10	.18307	.001	1
S3	125.00	119.05	-5.95	-4.76	.38360	.000	1
S4	250.00	238.70	-11.3	-4.52	.76914	.004	1
S5	500.00	512.15	12.1	2.43	1.6503	.013	1
S1	5.0000	4.3146	-.685	-13.7	.01391	.000	1
S6	800.00	811.48	11.5	1.43	2.6147	.012	1

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4



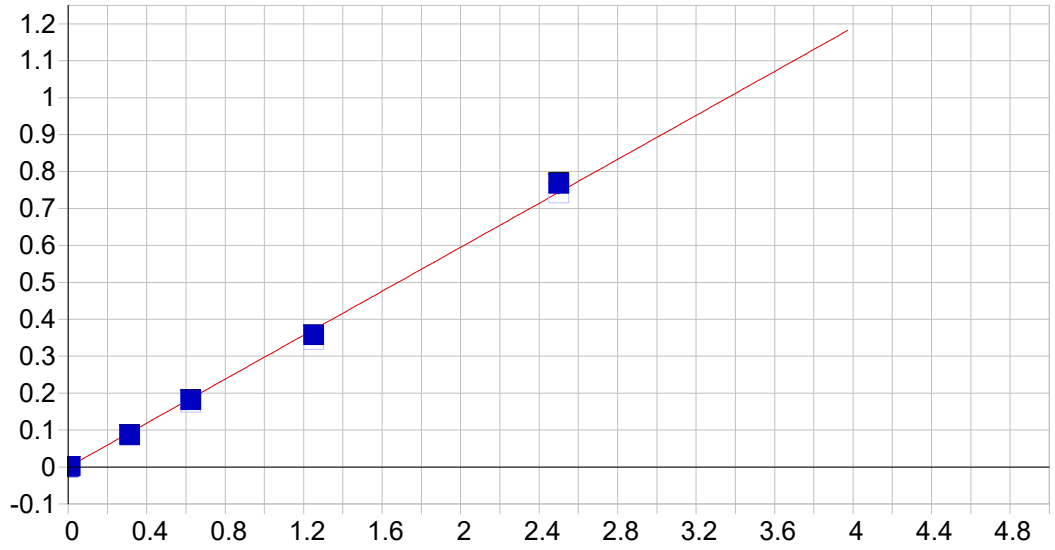
Ni 231.604 {446}

Date of Fit:	1/24/2025 17:06:08	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000319	Re-Slope:	1.000000
A1 (Gain):	0.659446	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999879	Status:	OK.
Std Error of Est:	0.000245		
Predicted MDL:	0.000463		
Predicted MQL:	0.001543		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00032	.000	1
S1	.04000	.03999	-.000	-.022	.02608	.000	1
S3	1.2500	1.2717	.022	1.73	.84021	.001	1
S4	2.5000	2.4425	-.058	-2.30	1.6142	.008	1
S5	5.0000	5.0175	.018	.351	3.3162	.015	1
S2	.62500	.64330	.018	2.93	.42487	.000	1

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4



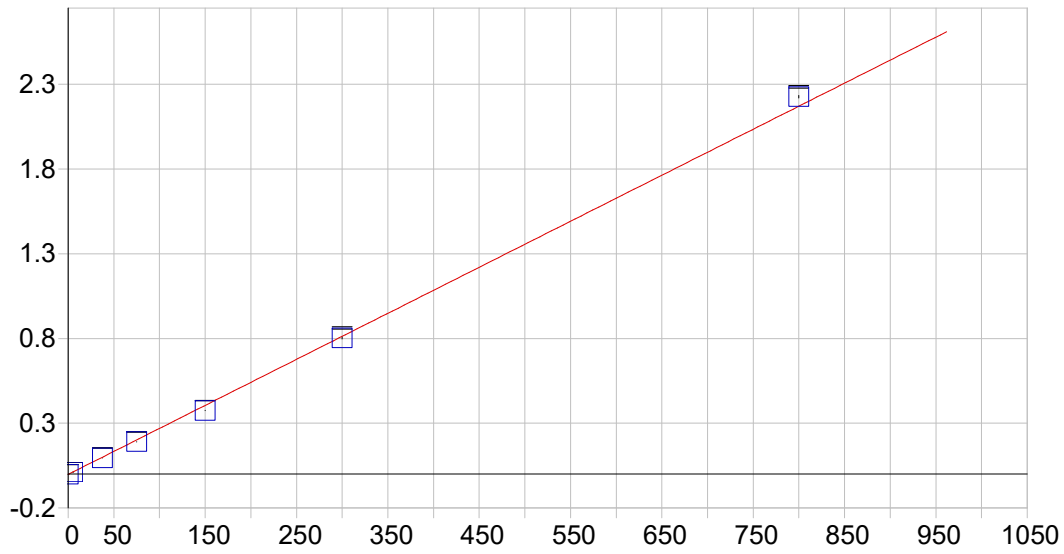
Ag 328.068 {103}

Date of Fit:	1/24/2025 17:06:08	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000285	Re-Slope:	1.000000
A1 (Gain):	0.297588	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999328	Status:	OK.
Std Error of Est:	0.000088		
Predicted MDL:	0.000431		
Predicted MQL:	0.001438		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00028	.000	1
S1	.01000	.00962	-.000	-3.75	.00256	.000	1
S3	.62500	.61116	-.014	-2.21	.17503	.001	1
S4	1.2500	1.2013	-.049	-3.89	.34411	.000	1
S5	2.5000	2.5810	.081	3.24	.74156	.003	1
S2	.31250	.29442	-.018	-5.79	.08405	.000	1

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4



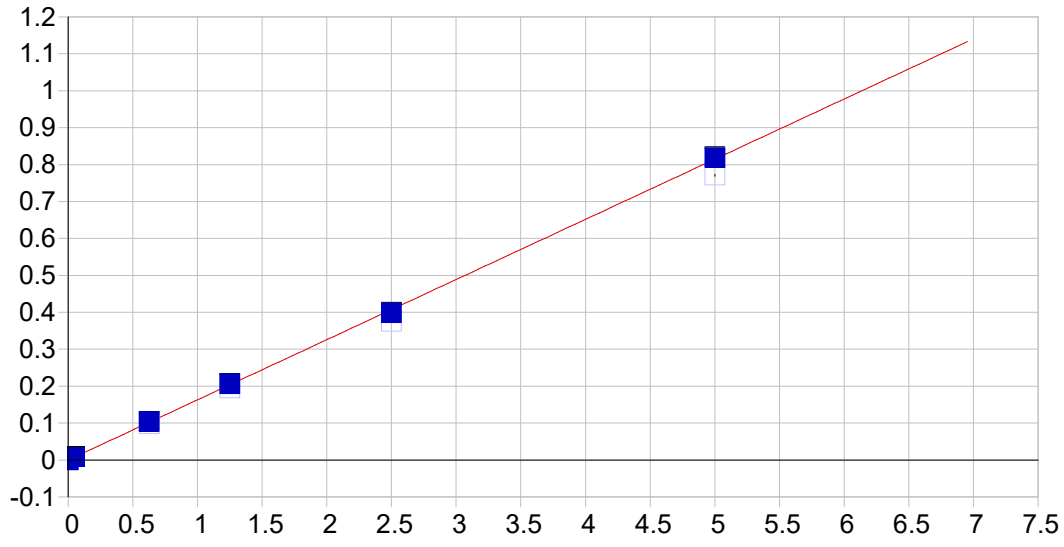
Na 818.326 { 41}

Date of Fit:	1/24/2025 17:06:08	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.002328	Re-Slope:	1.000000
A1 (Gain):	0.002717	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999371	Status:	OK.
Std Error of Est:	0.000298		
Predicted MDL:	0.460897		
Predicted MQL:	1.536325		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00080	.001	.000	-.00233	.001	1
S2	37.500	36.017	-1.48	-3.95	.09552	.000	1
S3	75.000	70.854	-4.15	-5.53	.19015	.002	1
S4	150.00	138.64	-11.4	-7.57	.37431	.001	1
S5	300.00	296.42	-3.58	-1.19	.80293	.007	1
S1	5.0000	4.9824	-.018	-.351	.01121	.000	1
S6	800.00	820.58	20.6	2.57	2.2269	.008	1

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4



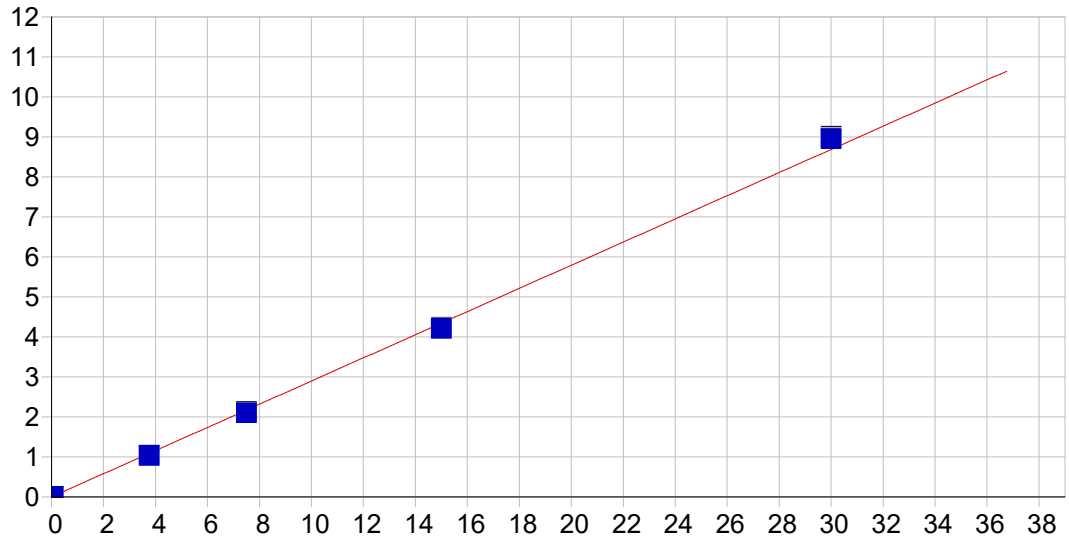
V 292.402 {115}

Date of Fit:	1/24/2025 17:06:08	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000082	Re-Slope:	1.000000
A1 (Gain):	0.162948	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999885	Status:	OK.
Std Error of Est:	0.000062		
Predicted MDL:	0.002254		
Predicted MQL:	0.007513		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00008	.000	1
S1	.05000	.05263	.003	5.26	.00848	.000	1
S3	1.2500	1.2666	.017	1.33	.19440	.001	1
S4	2.5000	2.4451	-.055	-2.19	.37453	.002	1
S5	5.0000	5.0230	.023	.460	.77076	.003	1
S2	.62500	.63747	.012	2.00	.09784	.001	1

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4



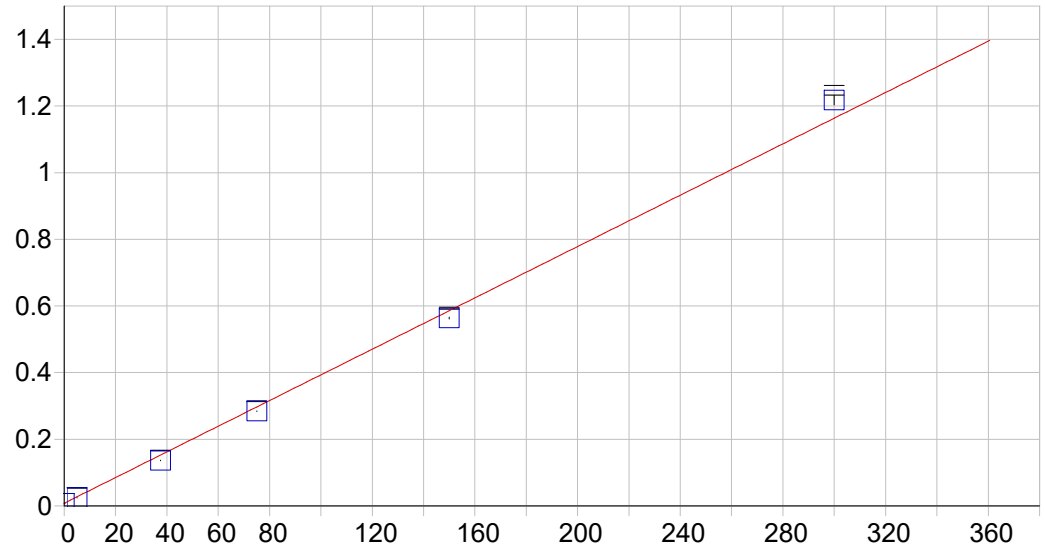
Zn 213.856 {158}

Date of Fit:	1/24/2025 17:06:08	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000605	Re-Slope:	1.000000
A1 (Gain):	0.289570	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999456	Status:	OK.
Std Error of Est:	0.000682		
Predicted MDL:	0.001857		
Predicted MQL:	0.006191		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00061	.000	1
S1	.06000	.05663	-.003	-5.61	.01711	.000	1
S3	7.5000	7.2651	-.235	-3.13	2.1125	.014	1
S4	15.000	14.522	-.478	-3.19	4.2220	.016	1
S5	30.000	30.918	.918	3.06	8.9863	.031	1
S2	3.7500	3.5485	-.201	-5.37	1.0322	.008	1

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4



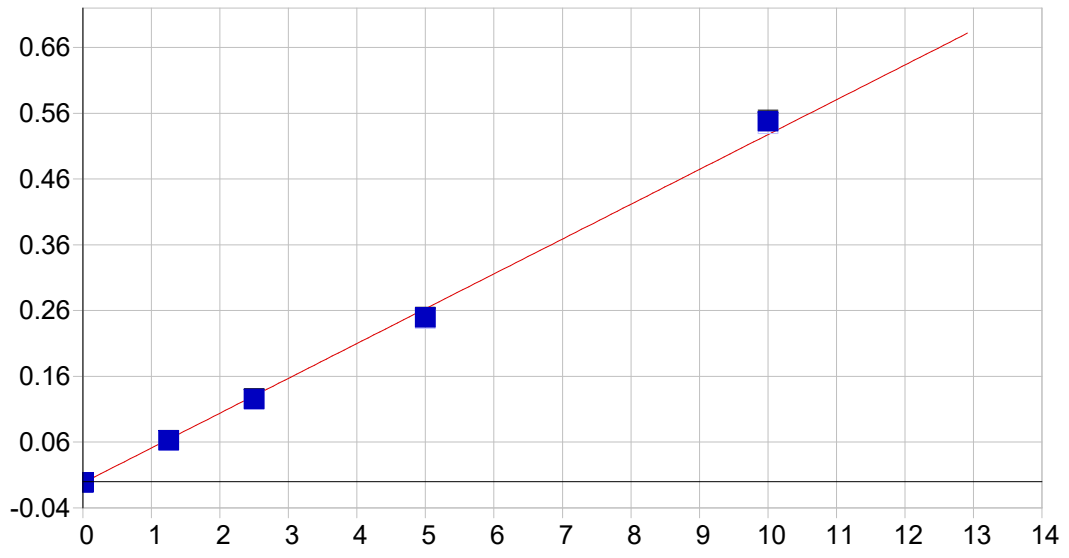
K 769.896 { 44}

Date of Fit:	1/24/2025 17:06:08	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.008091	Re-Slope:	1.000000
A1 (Gain):	0.003851	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.998606	Status:	OK.
Std Error of Est:	0.000420		
Predicted MDL:	0.059530		
Predicted MQL:	0.198432		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00146	.001	.000	.00810	.000	1
S2	37.500	33.374	-4.13	-11.0	.13663	.001	1
S3	75.000	71.602	-3.40	-4.53	.28386	.001	1
S4	150.00	144.25	-5.75	-3.83	.56368	.003	1
S5	300.00	313.99	14.0	4.66	1.2174	.015	1
S1	5.0000	4.2772	-.723	-14.5	.02456	.000	1

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4



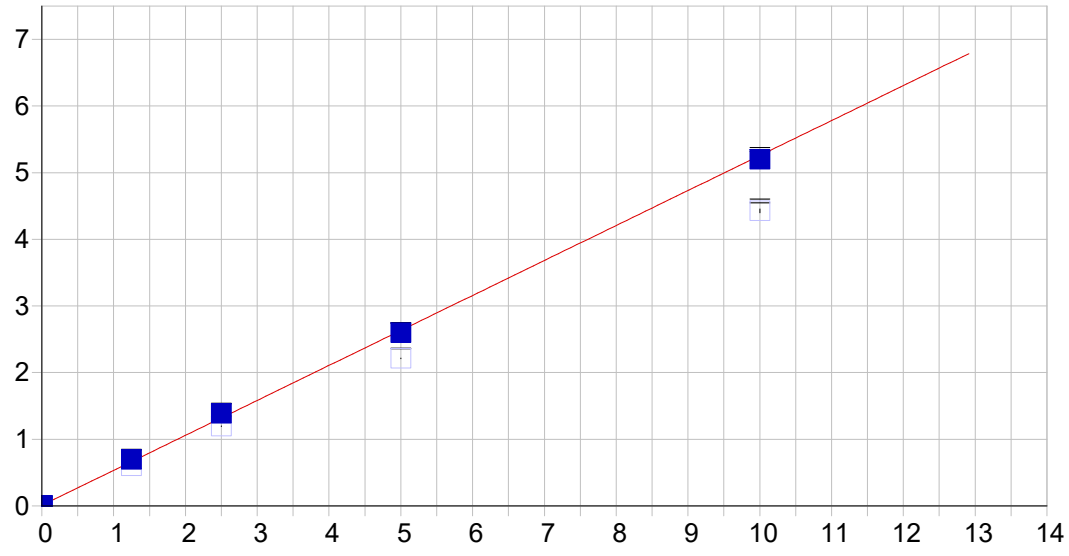
P 177.495 {490}

Date of Fit:	1/24/2025 17:06:08	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.001840	Re-Slope:	1.000000
A1 (Gain):	0.052943	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999136	Status:	OK.
Std Error of Est:	0.000037		
Predicted MDL:	0.002412		
Predicted MQL:	0.008041		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00184	.000	1
S1	.01000	.01060	.001	5.96	-.00128	.000	1
S3	2.5000	2.4064	-.094	-3.74	.12462	.000	1
S4	5.0000	4.7445	-.256	-5.11	.24746	.001	1
S5	10.000	10.381	.381	3.81	.54399	.002	1
S2	1.2500	1.2173	-.033	-2.61	.06214	.000	1

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4



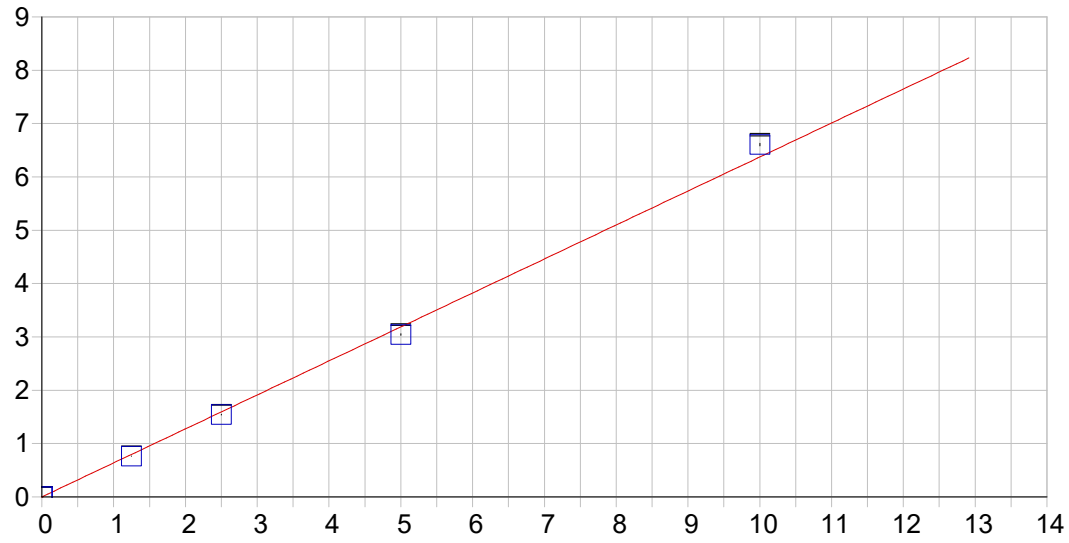
B 249.678 {135}

Date of Fit:	1/24/2025 17:06:08	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.008330	Re-Slope:	1.000000
A1 (Gain):	0.524895	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999031	Status:	OK.
Std Error of Est:	0.000331		
Predicted MDL:	0.000782		
Predicted MQL:	0.002607		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00834	.000	1
S1	.01000	-.00227	-.012	-123.	.00687	.000	1
S3	2.5000	2.6288	.129	5.15	1.1951	.005	1
S4	5.0000	4.9363	-.064	-1.27	2.2133	.004	1
S5	10.000	9.8899	-.110	-1.10	4.4274	.028	1
S2	1.2500	1.3087	.059	4.69	.59874	.005	1

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4



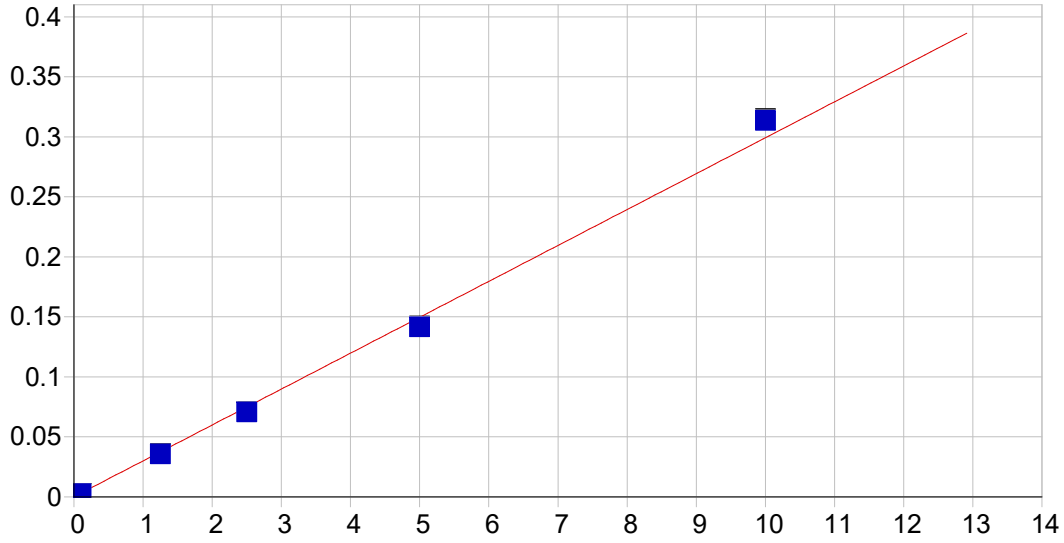
Mo 202.030 {467}

Date of Fit:	1/24/2025 17:06:08	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000464	Re-Slope:	1.000000
A1 (Gain):	0.637279	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999249	Status:	OK.
Std Error of Est:	0.000414		
Predicted MDL:	0.000367		
Predicted MQL:	0.001225		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00046	.000	1
S1	.01000	.00935	-.001	-6.51	.00642	.000	1
S3	2.5000	2.4176	-.082	-3.30	1.5412	.004	1
S4	5.0000	4.7750	-.225	-4.50	3.0435	.015	1
S5	10.000	10.361	.361	3.61	6.6034	.024	1
S2	1.2500	1.1968	-.053	-4.25	.76318	.002	1

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4



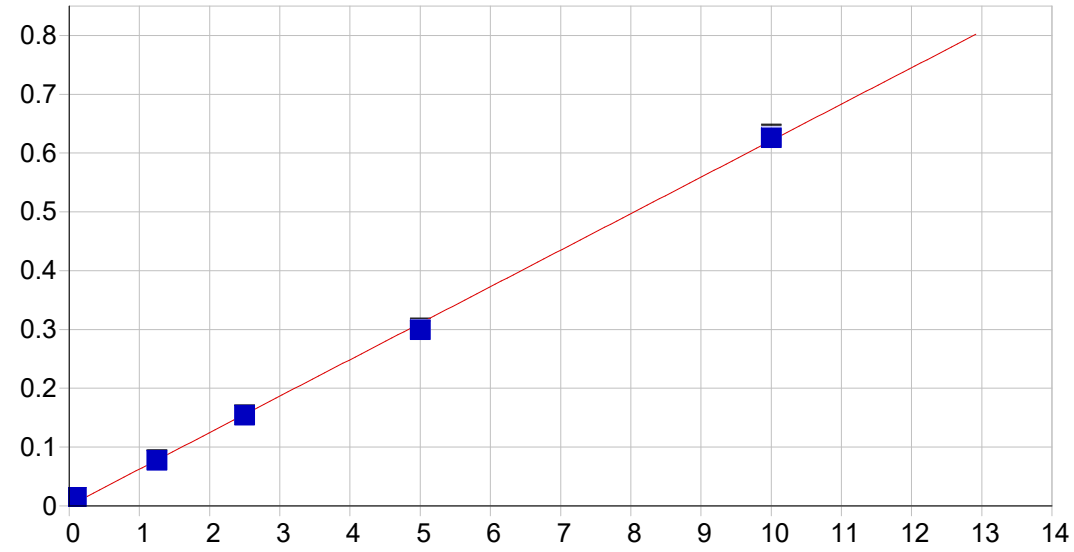
S 182.034 {485}

Date of Fit:	1/24/2025 17:06:08	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000125	Re-Slope:	1.000000
A1 (Gain):	0.029906	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.998680	Status:	OK.
Std Error of Est:	0.000082		
Predicted MDL:	0.004263		
Predicted MQL:	0.014211		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00002	.000	.000	.00013	.000	1
S1	.10000	.08672	-.013	-13.3	.00272	.000	1
S3	2.5000	2.3603	-.140	-5.59	.07081	.000	1
S4	5.0000	4.7328	-.267	-5.34	.14185	.000	1
S5	10.000	10.481	.481	4.81	.31396	.001	1
S2	1.2500	1.1891	-.061	-4.88	.03573	.000	1

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4



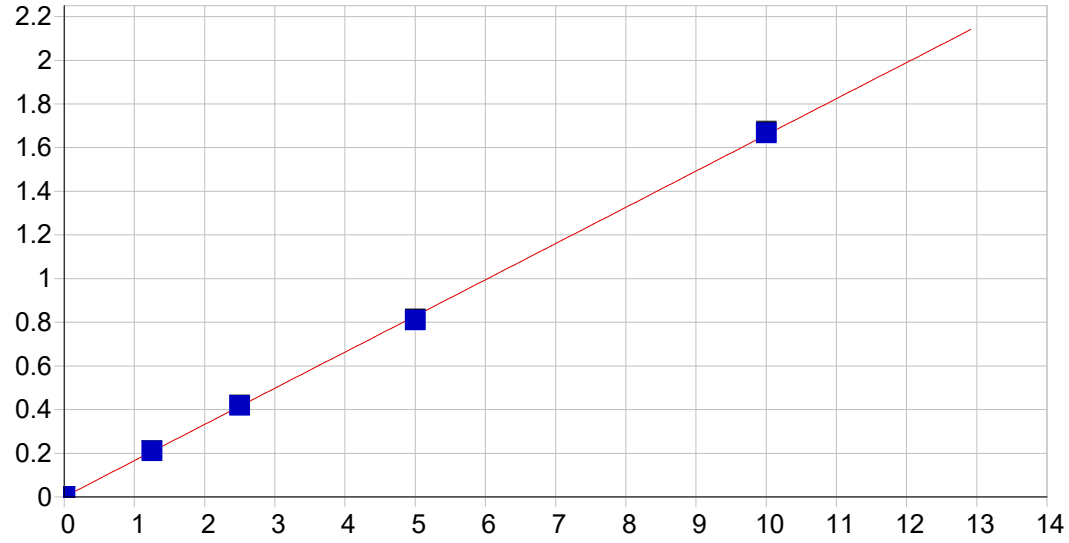
Si 251.611 {134}

Date of Fit:	1/24/2025 17:06:08	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000430	Re-Slope:	1.000000
A1 (Gain):	0.062062	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.994843	Status:	OK.
Std Error of Est:	0.000337		
Predicted MDL:	0.003676		
Predicted MQL:	0.012252		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00013	-.000	.000	.00042	.000	1
S1	.10000	.23752	.138	138.	.01517	.000	1
S3	2.5000	2.4749	-.025	-1.00	.15449	.001	1
S4	5.0000	4.8150	-.185	-3.70	.30019	.002	1
S5	10.000	10.081	.081	.806	.62791	.004	1
S2	1.2500	1.2424	-.008	-.609	.07777	.001	1

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4



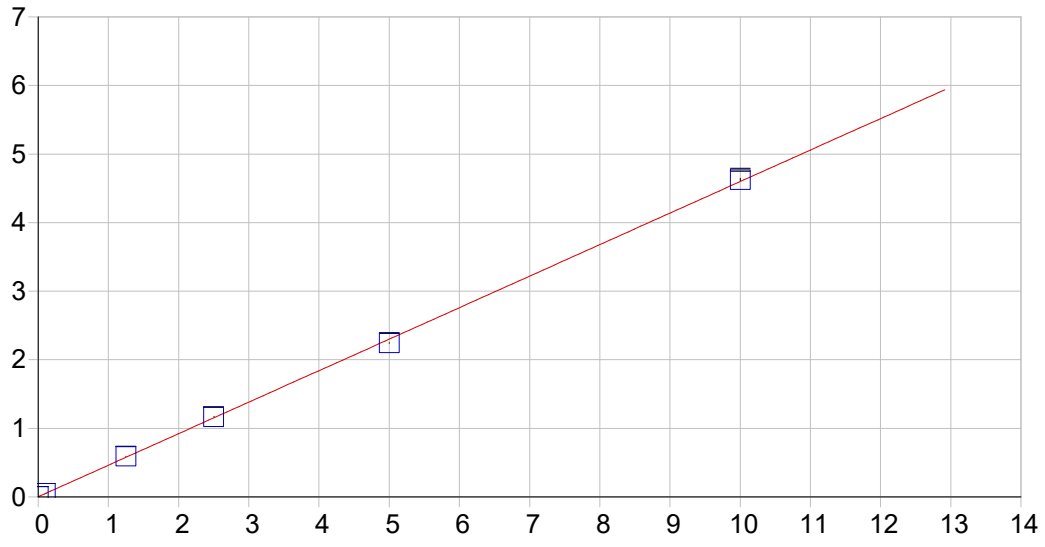
Sn 189.989 {478}

Date of Fit:	1/24/2025 17:06:08	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000121	Re-Slope:	1.000000
A1 (Gain):	0.165786	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999908	Status:	OK.
Std Error of Est:	0.000031		
Predicted MDL:	0.000892		
Predicted MQL:	0.002974		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00012	.000	1
S1	.00700	.00687	-.000	-1.91	.00121	.000	1
S3	2.5000	2.5302	.030	1.21	.41831	.001	1
S4	5.0000	4.8901	-.110	-2.20	.80826	.004	1
S5	10.000	10.062	.062	.617	1.6631	.007	1
S2	1.2500	1.2681	.018	1.45	.20971	.000	1

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4



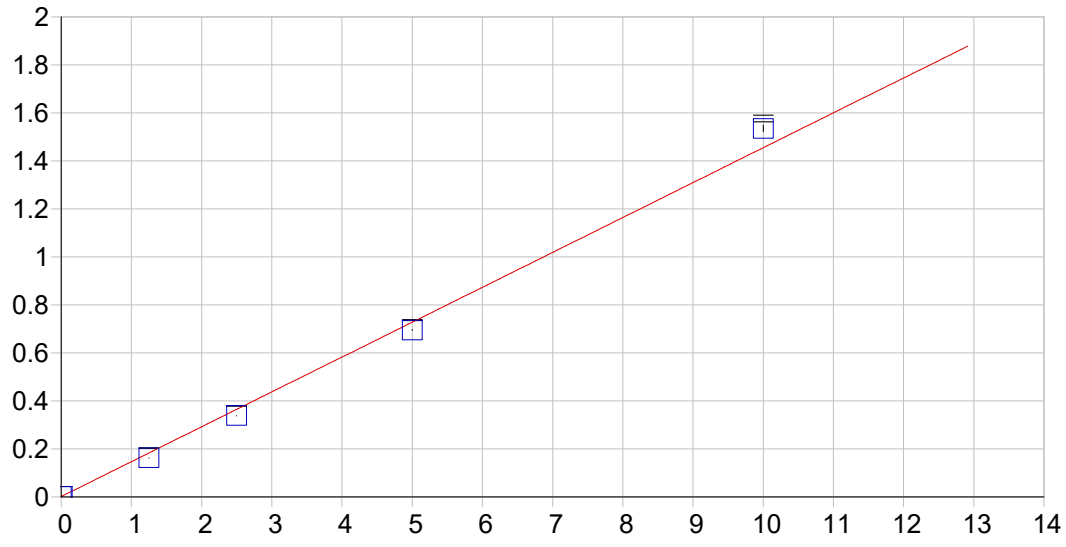
Ti 336.121 {100}

Date of Fit:	1/24/2025 17:06:08	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.002861	Re-Slope:	1.000000
A1 (Gain):	0.459536	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999875	Status:	OK.
Std Error of Est:	0.000386		
Predicted MDL:	0.001064		
Predicted MQL:	0.003545		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00286	.000	1
S1	.10000	.10467	.005	4.67	.05096	.000	1
S3	2.5000	2.5295	.029	1.18	1.1652	.001	1
S4	5.0000	4.8759	-.124	-2.48	2.2435	.005	1
S5	10.000	10.060	.060	.603	4.6259	.021	1
S2	1.2500	1.2796	.030	2.37	.59088	.002	1

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4



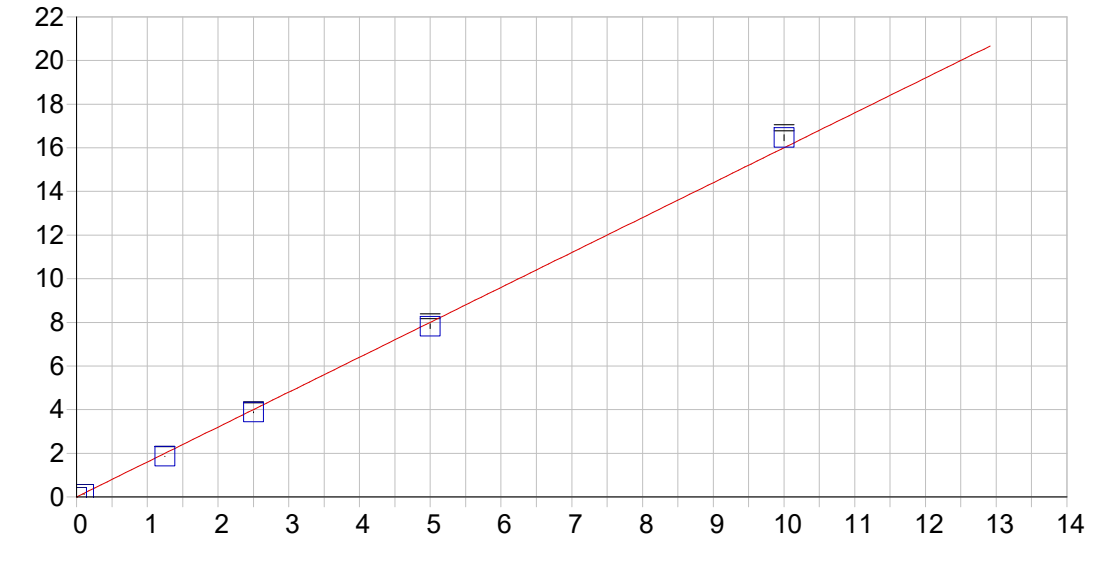
Li 670.784 { 50}

Date of Fit:	1/24/2025 17:06:08	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.001420	Re-Slope:	1.000000
A1 (Gain):	0.145332	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.998111	Status:	OK.
Std Error of Est:	0.000184		
Predicted MDL:	0.001581		
Predicted MQL:	0.005271		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00142	.000	1
S5	10.000	10.554	.554	5.54	1.5353	.014	1
S4	5.0000	4.7745	-.225	-4.51	.69531	.003	1
S3	2.5000	2.3168	-.183	-7.33	.33812	.001	1
S1	.01500	.01337	-.002	-10.9	.00336	.000	1
S2	1.2500	1.1060	-.144	-11.5	.16216	.001	1

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4



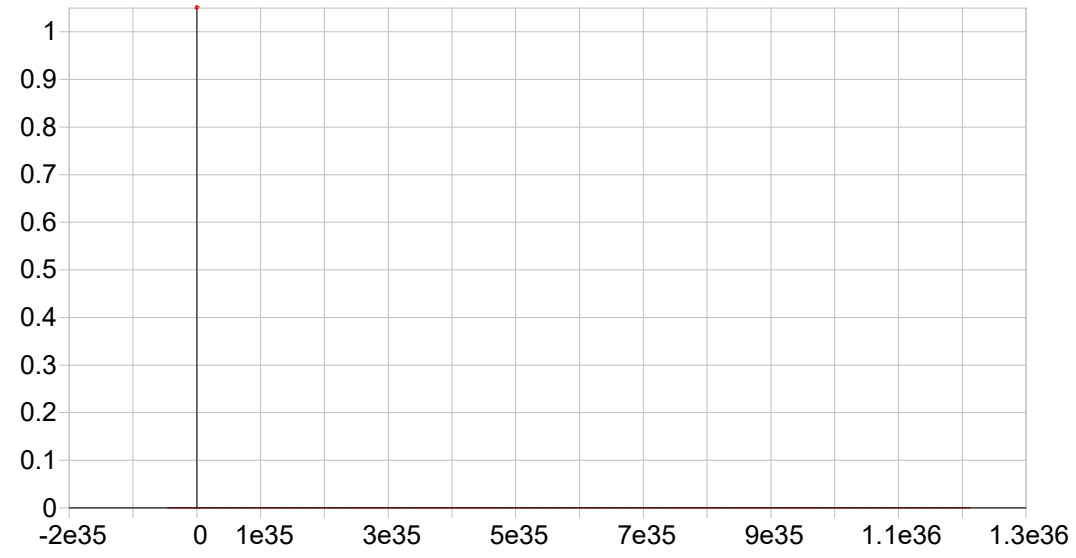
Sr 407.771 { 83}

Date of Fit:	1/24/2025 17:06:08	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000034	Re-Slope:	1.000000
A1 (Gain):	1.600215	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999425	Status:	OK.
Std Error of Est:	0.002885		
Predicted MDL:	0.000077		
Predicted MQL:	0.000256		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00003	.000	.000	.00007	.000	1
S1	.10000	.08369	-.016	-16.3	.13395	.001	1
S3	2.5000	2.4256	-.074	-2.98	3.8815	.026	1
S4	5.0000	4.8897	-.110	-2.21	7.8246	.108	1
S5	10.000	10.288	.288	2.88	16.463	.143	1
S2	1.2500	1.1629	-.087	-6.97	1.8609	.008	1

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

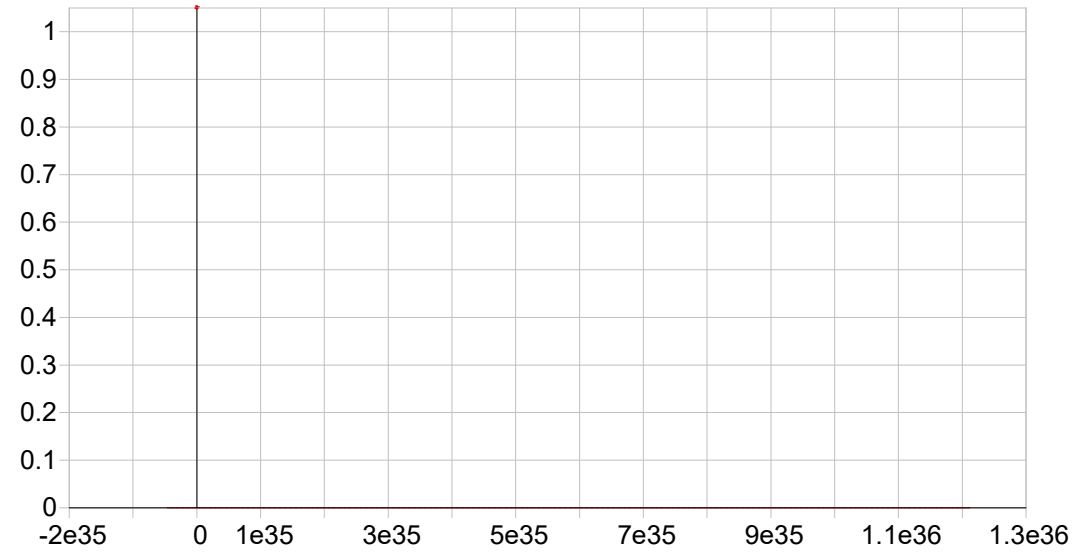


Y 224.306 {450}*

Date of Fit:	1/24/2025 17:06:08	Type of Fit:	Linear	Weighting:	1/Conc

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

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



Y 360.073 { 94}*

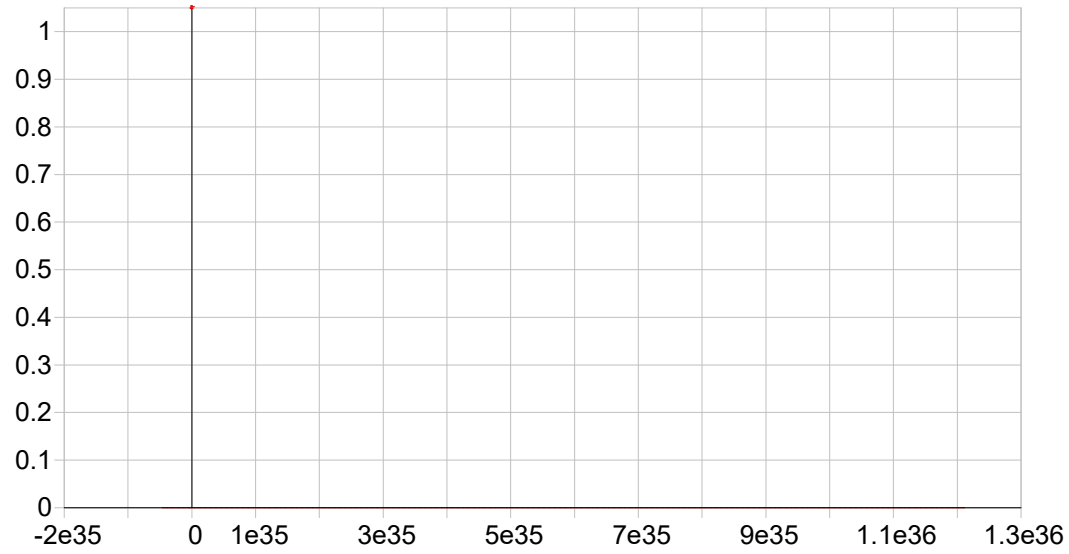
Date of Fit:	<not fit>	Type of Fit:	Linear	Weighting:	1/Conc

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

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
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

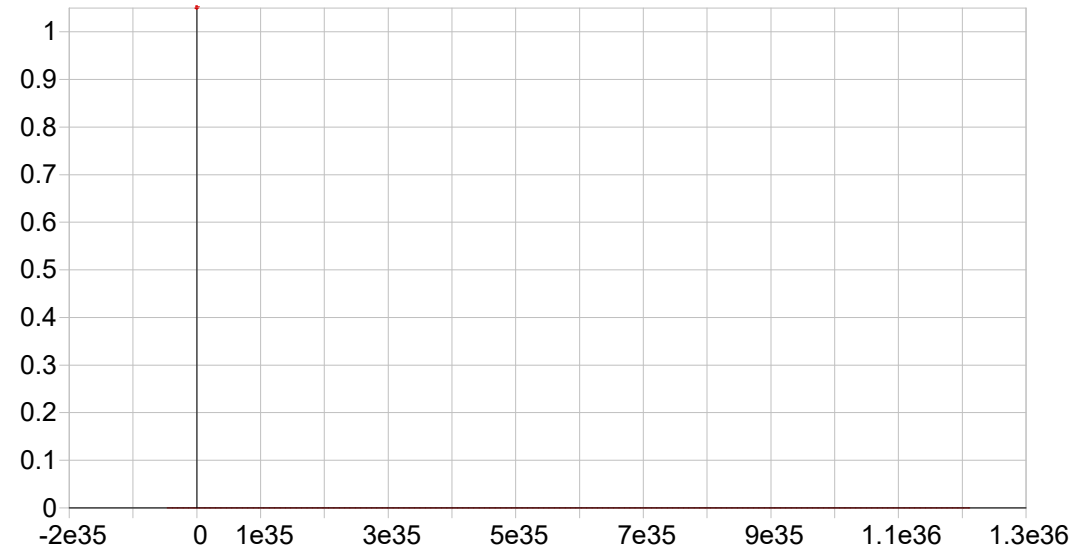


Y 371.030 { 91}*

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:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

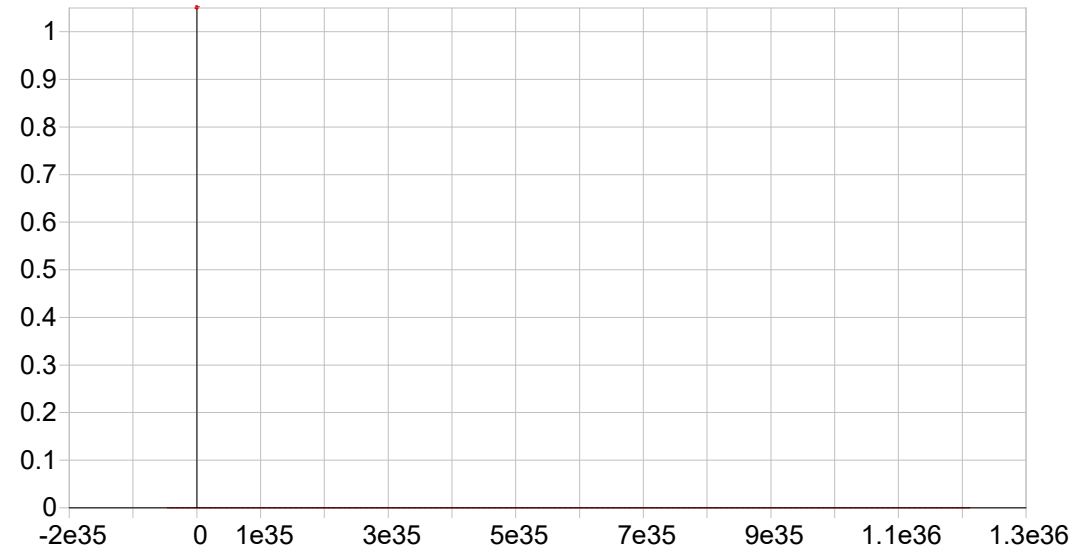


Y 224.306 {150}*

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:Mohan
On:1/27/2025 6:21:46 AM
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:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: S0 Acquired: 1/24/2025 11:36:24 Type: Cal
Method: EPA SFAM01.0(v55) 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	**-.00012**	**.00025**	**.00002**	**.00046**	**.00025**	**.00001**	**.01042**	**.00000**
Stddev	.00008	.00017	.00005	.00013	.00011	.00010	.00014	.00025
%RSD	68.509	68.809	239.56	28.469	44.698	1395.7	1.3380	7129.6
#1	-.00018	.00009	.00002	.00043	.00015	-.00008	.01043	.00030
#2	-.00016	.00023	.00007	.00060	.00037	.00011	.01028	-.00014
#3	-.00003	.00043	-.00003	.00035	.00021	-.00001	.01056	-.00015

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	**-.00002**	**.00004**	**-.00004**	**-.00008**	**.00440**	**-.00001**	**.00003**	**.00001**
Stddev	.00015	.00005	.00003	.00017	.00024	.00002	.00004	.00002
%RSD	799.33	110.79	83.935	216.38	5.4839	343.85	129.81	204.18
#1	.00012	.00001	-.00000	-.00002	.00467	-.00001	.00006	.00000
#2	-.00018	.00002	-.00006	-.00028	.00429	.00002	.00004	.00004
#3	-.00000	.00009	-.00006	.00005	.00422	-.00002	-.00001	-.00001

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	**-.00032**	**-.00028**	**-.00233**	**-.00008**	**.00061**	**.00810**	**-.00184**	**.00834**
Stddev	.00033	.00010	.00098	.00019	.00047	.00013	.00004	.00016
%RSD	102.81	35.879	42.164	226.08	77.504	1.6272	2.0434	1.9753
#1	-.00041	-.00021	-.00139	-.00024	.00028	.00798	-.00180	.00832
#2	-.00059	-.00040	-.00334	-.00013	.00115	.00824	-.00184	.00851
#3	.00005	-.00024	-.00225	.00012	.00039	.00807	-.00188	.00818

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	**.00046**	**.00013**	**.00042**	**.00012**	**.00286**	**.00142**	**.00007**
Stddev	.00015	.00006	.00013	.00009	.00032	.00011	.00006
%RSD	32.264	44.565	31.486	77.582	11.027	7.7941	76.093
#1	.00054	.00010	.00033	.00003	.00321	.00136	.00006
#2	.00029	.00019	.00036	.00022	.00275	.00136	.00003
#3	.00056	.00009	.00057	.00011	.00261	.00155	.00014

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: S0 Acquired: 1/24/2025 11:36:24 Type: Cal
Method: EPA SFAM01.0(v55) 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	3257.9	66907.	9712.2	2362.3	3947.1
Stddev	1.5	59.	60.8	8.6	2.9
%RSD	.04703	.08886	.62602	.36263	.07375
#1	3258.4	66847.	9691.0	2360.7	3945.1
#2	3259.1	66966.	9780.7	2371.6	3950.4
#3	3256.2	66908.	9664.7	2354.7	3945.7

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: S1 Acquired: 1/24/2025 11:40:39 Type: Cal
Method: EPA SFAM01.0(v55) 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	**.00069**	**.00220**	**.00222**	**.00271**	**.00903**	**.00234**	**.08509**	**.02697**
Stddev	.00004	.00008	.00012	.00006	.00007	.00011	.00047	.00073
%RSD	5.8270	3.7527	5.5418	2.0291	.82921	4.7598	.54753	2.6926
#1	.00066	.00226	.00208	.00275	.00912	.00236	.08537	.02626
#2	.00073	.00223	.00231	.00265	.00900	.00245	.08536	.02771
#3	.00068	.00210	.00228	.00274	.00898	.00222	.08455	.02694

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	**.01469**	**.04233**	**.00191**	**.04533**	**.00802**	**.00050**	**.00142**	**.01391**
Stddev	.00008	.00017	.00009	.00005	.00015	.00002	.00002	.00006
%RSD	.51172	.41155	4.5339	.12103	1.9025	3.2508	1.7446	.40996
#1	.01476	.04250	.00194	.04530	.00808	.00052	.00144	.01395
#2	.01471	.04235	.00197	.04540	.00784	.00049	.00143	.01393
#3	.01461	.04215	.00181	.04531	.00812	.00049	.00139	.01385

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	**.02608**	**.00256**	**.01121**	**.00848**	**.01711**	**.02456**	**-.00128**	**.00687**
Stddev	.00012	.00005	.00022	.00029	.00015	.00018	.00008	.00032
%RSD	.45369	2.0611	1.9616	3.4703	.87110	.72685	5.9867	4.6480
#1	.02621	.00261	.01107	.00814	.01725	.02442	-.00122	.00661
#2	.02599	.00251	.01146	.00866	.01695	.02476	-.00126	.00722
#3	.02605	.00256	.01109	.00863	.01712	.02451	-.00137	.00678

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	**.00642**	**.00272**	**.01517**	**.00121**	**.05096**	**.00336**	**.13395**
Stddev	.00015	.00009	.00000	.00000	.00038	.00008	.00080
%RSD	2.3023	3.1749	.02588	.39133	.74301	2.4816	.59637
#1	.00651	.00263	.01517	.00120	.05135	.00335	.13458
#2	.00625	.00273	.01518	.00121	.05060	.00345	.13422
#3	.00650	.00280	.01517	.00121	.05093	.00329	.13305

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: S1 Acquired: 1/24/2025 11:40:39 Type: Cal
Method: EPA SFAM01.0(v55) 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	3369.5	67749.	9722.3	2386.0	4100.4
Stddev	2.0	226.	58.5	17.1	1.3
%RSD	.05921	.33314	.60174	.71665	.03125
#1	3367.3	67833.	9760.1	2390.0	4099.0
#2	3370.1	67494.	9654.9	2367.3	4100.8
#3	3371.1	67921.	9751.8	2400.8	4101.5

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: S2 Acquired: 1/24/2025 11:44:51 Type: Cal
Method: EPA SFAM01.0(v55) 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	**.07755**	**.10027**	**1.5827**	**.08666**	**.19572**	**.43093**	**.97055**	**.64870**
Stddev	.00051	.00074	.0026	.00027	.00088	.00197	.00363	.00466
%RSD	.65941	.73459	.16503	.30959	.44856	.45732	.37418	.71839
#1	.07734	.10089	1.5809	.08697	.19552	.42915	.96762	.65202
#2	.07717	.09946	1.5816	.08649	.19496	.43305	.97461	.64337
#3	.07813	.10047	1.5857	.08651	.19668	.43060	.96941	.65070

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	**1.8853**	**.52649**	**.70919**	**.58961**	**.54827**	**.19765**	**.35107**	**.18307**
Stddev	.0051	.00223	.00092	.00134	.00245	.00082	.00130	.00065
%RSD	.26959	.42419	.12914	.22795	.44669	.41394	.36903	.35607
#1	1.8884	.52519	.70963	.58908	.55019	.19683	.35063	.18271
#2	1.8794	.52907	.70813	.58862	.54551	.19846	.35253	.18382
#3	1.8881	.52522	.70980	.59114	.54911	.19766	.35006	.18267

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	**.42487**	**.08405**	**.09552**	**.09784**	**1.0322**	**.13663**	**.06214**	**.59874**
Stddev	.00021	.00002	.00046	.00083	.0079	.00080	.00014	.00469
%RSD	.04866	.02090	.48084	.84631	.76635	.58306	.21910	.78393
#1	.42492	.08403	.09543	.09818	1.0342	.13573	.06226	.60164
#2	.42464	.08406	.09510	.09689	1.0390	.13725	.06199	.59332
#3	.42504	.08407	.09601	.09844	1.0235	.13691	.06216	.60125

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	**.76318**	**.03573**	**.07777**	**.20971**	**.59088**	**.16216**	**1.8609**
Stddev	.00197	.00013	.00058	.00009	.00202	.00074	.0076
%RSD	.25872	.37161	.74548	.04420	.34271	.45706	.40627
#1	.76215	.03585	.07762	.20963	.59055	.16155	1.8680
#2	.76193	.03559	.07728	.20968	.58905	.16298	1.8530
#3	.76546	.03575	.07841	.20981	.59305	.16194	1.8616

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: S2 Acquired: 1/24/2025 11:44:51 Type: Cal
Method: EPA SFAM01.0(v55) 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	3061.2	64764.	9667.8	2264.3	3581.5
Stddev	7.3	32.	44.4	3.3	4.7
%RSD	.23979	.04952	.45906	.14480	.13204
#1	3062.8	64796.	9642.8	2260.9	3579.5
#2	3067.6	64732.	9719.0	2264.5	3587.0
#3	3053.2	64763.	9641.5	2267.4	3578.2

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: S3 Acquired: 1/24/2025 11:48:56 Type: Cal
Method: EPA SFAM01.0(v55) 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	**.15463**	**.19448**	**3.1534**	**.17036**	**.39667**	**.90825**	**2.0128**	**1.3075**
Stddev	.00046	.00172	.0023	.00037	.00113	.00267	.0069	.0047
%RSD	.30048	.88646	.07353	.21905	.28577	.29374	.34267	.36292
#1	.15446	.19301	3.1529	.17018	.39547	.90891	2.0161	1.3028
#2	.15426	.19404	3.1514	.17012	.39772	.90532	2.0049	1.3123
#3	.15515	.19638	3.1559	.17079	.39683	.91053	2.0174	1.3075

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	**3.7378**	**1.0936**	**1.4349**	**1.1751**	**1.0777**	**.40714**	**.72464**	**.38360**
Stddev	.0085	.0015	.0027	.0015	.0008	.00055	.00092	.00022
%RSD	.22652	.14128	.18938	.13027	.07837	.13400	.12754	.05776
#1	3.7331	1.0946	1.4321	1.1740	1.0776	.40715	.72510	.38343
#2	3.7327	1.0918	1.4375	1.1744	1.0770	.40659	.72358	.38351
#3	3.7476	1.0944	1.4352	1.1768	1.0787	.40768	.72525	.38385

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	**.84021**	**.17503**	**.19015**	**.19440**	**2.1125**	**.28386**	**.12462**	**1.1951**
Stddev	.00057	.00060	.00157	.00068	.0143	.00089	.00014	.0051
%RSD	.06750	.34374	.82774	.35091	.67800	.31459	.11047	.42541
#1	.83956	.17443	.19129	.19400	2.1179	.28460	.12453	1.1899
#2	.84053	.17563	.18836	.19401	2.0963	.28287	.12455	1.2001
#3	.84055	.17504	.19081	.19518	2.1234	.28412	.12478	1.1954

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	**1.5412**	**.07081**	**.15449**	**.41831**	**1.1652**	**.33812**	**3.8815**
Stddev	.0039	.00019	.00051	.00088	.0009	.00111	.0263
%RSD	.25184	.26515	.32904	.20986	.07753	.32823	.67886
#1	1.5378	.07063	.15391	.41751	1.1642	.33929	3.8906
#2	1.5403	.07079	.15474	.41818	1.1659	.33708	3.9020
#3	1.5454	.07100	.15482	.41925	1.1656	.33801	3.8517

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: S3 Acquired: 1/24/2025 11:48:56 Type: Cal
Method: EPA SFAM01.0(v55) 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	3035.2	61460.	9580.2	2172.7	3547.2
Stddev	3.0	122.	36.6	5.8	2.4
%RSD	.09780	.19843	.38237	.26690	.06793
#1	3038.5	61555.	9610.6	2170.8	3547.2
#2	3034.4	61322.	9539.6	2179.2	3549.6
#3	3032.8	61502.	9590.5	2168.1	3544.7

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: S4 Acquired: 1/24/2025 11:52:54 Type: Cal
Method: EPA SFAM01.0(v55) 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	.31151	.36979	6.1058	.33992	.80003	1.8389	3.9800	2.4543
Stddev	.00201	.00150	.0323	.00163	.00351	.0074	.0107	.0038
%RSD	.64574	.40652	.52866	.47912	.43836	.40291	.26803	.15529
#1	.31032	.36940	6.0898	.33881	.79850	1.8306	3.9906	2.4505
#2	.31038	.36851	6.0846	.33917	.79754	1.8417	3.9693	2.4581
#3	.31383	.37144	6.1429	.34179	.80404	1.8446	3.9800	2.4544

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	7.1758	2.1640	2.7148	2.2676	2.1229	.79679	1.4361	.76914
Stddev	.0404	.0082	.0063	.0111	.0059	.00288	.0060	.00370
%RSD	.56309	.37814	.23287	.48711	.27744	.36177	.41840	.48043
#1	7.1683	2.1546	2.7092	2.2624	2.1190	.79353	1.4294	.76501
#2	7.1397	2.1674	2.7135	2.2601	2.1297	.79787	1.4378	.77027
#3	7.2194	2.1699	2.7217	2.2803	2.1201	.79898	1.4411	.77214

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	1.6142	.34411	.37431	.37453	4.2220	.56368	.24746	2.2133
Stddev	.0077	.00034	.00102	.00162	.0158	.00264	.00070	.0042
%RSD	.47959	.09938	.27340	.43136	.37493	.46790	.28311	.19032
#1	1.6095	.34384	.37348	.37268	4.2177	.56066	.24753	2.2111
#2	1.6100	.34400	.37545	.37569	4.2395	.56484	.24672	2.2182
#3	1.6232	.34449	.37399	.37521	4.2087	.56554	.24811	2.2106

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	3.0435	.14185	.30019	.80826	2.2435	.69531	7.8246
Stddev	.0145	.00038	.00212	.00352	.0054	.00257	.1082
%RSD	.47732	.26791	.70689	.43511	.23877	.36937	1.3826
#1	3.0377	.14170	.29782	.80677	2.2378	.69250	7.7379
#2	3.0327	.14158	.30193	.80574	2.2483	.69590	7.7900
#3	3.0600	.14229	.30081	.81228	2.2445	.69753	7.9458

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: S4 Acquired: 1/24/2025 11:52:54 Type: Cal
Method: EPA SFAM01.0(v55) 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	2801.7	59191.	9538.7	2065.0	3310.2
Stddev	12.2	47.	14.6	9.1	13.3
%RSD	.43674	.08022	.15294	.44118	.40087
#1	2804.9	59236.	9531.1	2058.4	3317.0
#2	2812.0	59197.	9529.6	2061.1	3318.6
#3	2788.1	59141.	9555.6	2075.4	3294.9

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: S5 Acquired: 1/24/2025 11:56:56 Type: Cal
Method: EPA SFAM01.0(v55) 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	.71031	.75220	12.637	.76569	1.8048	3.9487	8.5814	5.0339
Stddev	.00363	.00845	.055	.00267	.0098	.0293	.1257	.0376
%RSD	.51045	1.1233	.43672	.34922	.54194	.74299	1.4647	.74638
#1	.71344	.74247	12.676	.76852	1.8138	3.9788	8.5435	5.0260
#2	.71116	.75770	12.662	.76532	1.8062	3.9473	8.4790	5.0008
#3	.70634	.75644	12.574	.76321	1.7944	3.9202	8.7217	5.0747

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	14.650	4.5358	5.4136	4.6788	4.5112	1.6592	2.9772	1.6503
Stddev	.044	.0322	.0175	.0218	.0229	.0162	.0096	.0132
%RSD	.30223	.71036	.32248	.46669	.50806	.97674	.32233	.79702
#1	14.658	4.5725	5.4321	4.6967	4.5251	1.6740	2.9791	1.6622
#2	14.690	4.5226	5.3974	4.6852	4.4848	1.6615	2.9668	1.6524
#3	14.602	4.5123	5.4114	4.6545	4.5238	1.6419	2.9857	1.6362

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	3.3162	.74156	.80293	.77076	8.9863	1.2174	.54399	4.4274
Stddev	.0154	.00277	.00655	.00251	.0306	.0145	.00172	.0276
%RSD	.46397	.37301	.81575	.32605	.34026	1.1941	.31572	.62388
#1	3.3286	.74473	.80140	.77273	8.9830	1.2295	.54236	4.4226
#2	3.3210	.74031	.79728	.76793	9.0184	1.2214	.54579	4.4025
#3	3.2990	.73964	.81011	.77162	8.9576	1.2013	.54382	4.4571

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	6.6034	.31396	.62791	1.6631	4.6259	1.5353	16.463
Stddev	.0242	.00104	.00445	.0069	.0205	.0140	.143
%RSD	.36672	.33070	.70872	.41207	.44335	.91082	.86836
#1	6.6251	.31440	.62848	1.6663	4.6422	1.5494	16.595
#2	6.6080	.31470	.62321	1.6677	4.6029	1.5351	16.312
#3	6.5773	.31277	.63205	1.6552	4.6328	1.5214	16.483

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: S5 Acquired: 1/24/2025 11:56:56 Type: Cal
Method: EPA SFAM01.0(v55) 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	2365.6	54783.	9109.2	1900.2	2925.1
Stddev	13.3	213.	65.4	6.8	13.7
%RSD	.56389	.38941	.71782	.35583	.46785
#1	2353.3	54542.	9119.1	1904.3	2914.2
#2	2363.7	54863.	9169.0	1892.4	2920.6
#3	2379.8	54945.	9039.4	1903.9	2940.5

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: S6 Acquired: 1/24/2025 12:01:34 Type: Cal
Method: EPA SFAM01.0(v55) 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	**10.174**	**7.1941**	**4.2232**	**2.6147**	**2.2269**
Stddev	.147	.0667	.0217	.0116	.0078
%RSD	1.4444	.92684	.51374	.44366	.34866
#1	10.336	7.2614	4.2401	2.6130	2.2358
#2	10.135	7.1928	4.1987	2.6041	2.2213
#3	10.050	7.1280	4.2307	2.6271	2.2235

Int. Std.	Y_3600	Y_3710
Units	Cts/S	Cts/S
Avg	**52672.**	**8914.9**
Stddev	97.	57.5
%RSD	.18373	.64482
#1	52584.	8866.3
#2	52776.	8900.0
#3	52657.	8978.3

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: ICV002 Acquired: 1/24/2025 12:18:05 Type: Unk
Method: EPA SFAM01.0(v55) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICV002 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.9966276**	**1.041310**	**.9806952**	**1.074974**	**.9533085**	**2.536008**
Stddev	.0030505	.008283	.0018632	.001886	.0018634	.002215
%RSD	.3060852	.7954310	.1899904	.1754027	.1954671	.0873455
#1	.9978758	1.033761	.9785459	1.072804	.9554095	2.538487
#2	.9931509	1.050170	.9818530	1.075900	.9518559	2.535318
#3	.9988561	1.040000	.9816867	1.076218	.9526600	2.534221

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.5473226**	**.4879251**	**.4922237**	**10.40321**	**.5343735**	**.4780483**
Stddev	.0023518	.0023403	.0020869	.02219	.0013399	.0012368
%RSD	.4296902	.4796509	.4239721	.2133408	.2507443	.2587276
#1	.5499644	.4901384	.4901620	10.41887	.5358250	.4771735
#2	.5454569	.4881612	.4921740	10.37781	.5341116	.4775081
#3	.5465466	.4854756	.4943349	10.41296	.5331839	.4794634

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.4659737**	**9.844701**	**.5540937**	**5.845494**	**.4937488**	**.2510338**
Stddev	.0011549	.010330	.0015653	.010044	.0014849	.0010678
%RSD	.2478364	.1049256	.2824874	.1718239	.3007385	.4253693
#1	.4668941	9.836984	.5556670	5.850130	.4924924	.2522455
#2	.4663490	9.856436	.5525367	5.833969	.4933667	.2506256
#3	.4646778	9.840684	.5540774	5.852382	.4953875	.2502303

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**10.04263**	**.4979457**	**.9352282**	**9.280138**	**4.980286**	F **.0423791**
Stddev	.15852	.0028277	.0019450	.056937	.007424	.0004494
%RSD	1.578464	.5678655	.2079648	.6135367	.1490594	1.060516
#1	9.88696	.4972589	.9351507	9.339302	4.971714	.0419448
#2	10.20385	.4955246	.9333231	9.225726	4.984536	.0428422
#3	10.03707	.5010534	.9372107	9.275386	4.984608	.0423502

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: ICV002 Acquired: 1/24/2025 12:18:05 Type: Unk
Method: EPA SFAM01.0(v55) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICV002 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**5.206735**	**4.845099**	F **.0090548**	**5.451312**	F **5.549189**	F **3.643030**
Stddev	.003455	.017333	.0024338	.019351	.015104	.011660
%RSD	.0663600	.3577431	26.87814	.3549711	.2721768	.3200661
#1	5.202767	4.825146	.0070720	5.431909	5.566335	3.655425
#2	5.209075	4.853720	.0117709	5.451416	5.543377	3.632279
#3	5.208364	4.856432	.0083216	5.470610	5.537854	3.641387

Elem	Sr4077
Units	ppm
Avg	**5.101864**
Stddev	.031380
%RSD	.6150649
#1	5.138004
#2	5.086050
#3	5.081537

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**3207.635**	**64644.29**	**9904.828**	**2260.576**	**3822.334**
Stddev	5.770	113.55	38.528	2.584	6.302
%RSD	.1798918	.1756591	.3889854	.1142961	.1648623
#1	3201.525	64513.68	9862.562	2257.957	3821.066
#2	3212.992	64699.57	9913.936	2263.123	3829.173
#3	3208.388	64719.62	9937.987	2260.648	3816.763

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: ICB002 Acquired: 1/24/2025 12:23:40 Type: Unk
Method: EPA SFAM01.0(v55) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICB002 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0007547**	**.0009411**	**-.000847**	**-.000564**	**-.000052**	**-.007351**	**-.004572**
Stddev	.0005386	.0014525	.001318	.001964	.001672	.012831	.000158
%RSD	71.36058	154.3382	155.7042	348.3569	3222.198	174.5412	3.455521
#1	.0013731	-.000674	.000533	.001587	.001389	-.004419	-.004390
#2	.0005024	.002141	-.002093	-.001017	.000341	.003759	-.004667
#3	.0003886	.001357	-.000980	-.002261	-.001886	-.021394	-.004659

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000040**	**.0000232**	**.0006320**	**.0001370**	**.0000643**	**.0006233**	**.0006540**
Stddev	.000052	.0000234	.0004608	.0001293	.0002953	.0005218	.0045196
%RSD	128.7651	101.0579	72.90490	94.36978	459.2197	83.72161	691.0382
#1	-.000092	.0000395	.0011415	.0002551	.0002524	.0006914	-.000251
#2	-.000040	-.000004	.0002444	-.000001	-.000276	.0011076	.005558
#3	.000012	.000034	.0005102	.000157	.000217	.0000707	-.003344

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000585**	**-.020872**	**-.000056**	**.0003540**	**-.001341**	**.0006618**	**-.001001**
Stddev	.000284	.016322	.000145	.0002776	.546538	.0009796	.001509
%RSD	48.53978	78.19962	258.6347	78.42743	40755.99	148.0244	150.7172
#1	-.000517	-.012265	-.000059	.0000818	.318564	.0011253	.000543
#2	-.000896	-.039697	.000090	.0003433	.309822	.0013236	-.002471
#3	-.000341	-.010656	-.000200	.0006368	-.632409	-.000464	-.001075

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.393331**	**.0038874**	**-.008046**	**-.000540**	**.0003852**	**.0000070**	**.0002572**
Stddev	.058310	.0012919	.000571	.000157	.0028319	.0022215	.0001268
%RSD	14.82461	33.23203	7.097147	28.99508	735.1462	31970.20	49.30425
#1	-.410675	.0048397	-.007857	-.000589	-.002732	.0025279	.0001239
#2	-.441002	.0024169	-.008687	-.000667	.002799	-.001664	.0003763
#3	-.328317	.0044056	-.007593	-.000365	.001089	-.000843	.0002713

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: ICB002 Acquired: 1/24/2025 12:23:40 Type: Unk
Method: EPA SFAM01.0(v55) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICB002 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000317	-.002641	.0000141
Stddev	.001110	.000195	.0000425
%RSD	350.5903	7.385761	301.3899
#1	-.000461	-.002865	.0000629
#2	-.001347	-.002515	-.000016
#3	.000859	-.002542	-.000005

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3251.152	65705.12	9468.311	2321.034	3956.199
Stddev	12.748	150.09	15.857	11.946	9.352
%RSD	.3921201	.2284298	.1674700	.5146861	.2363984
#1	3236.580	65815.48	9456.350	2318.905	3945.493
#2	3260.246	65765.65	9486.297	2333.902	3962.782
#3	3256.629	65534.21	9462.286	2310.296	3960.321

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: ICSA002 Acquired: 1/24/2025 12:29:44 Type: Unk
Method: EPA SFAM01.0(v55) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICSA002 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000429**	**.0062674**	**.0040018**	**.0252494**	**.0091597**	**237.1890**
Stddev	.000252	.0038480	.0019703	.0039669	.0013016	1.2825
%RSD	58.62761	61.39724	49.23653	15.71102	14.21005	.5407135
#1	-.000682	.0104393	.0059524	.0207953	.0076818	235.8225
#2	-.000427	.0055057	.0020123	.0284023	.0096621	237.3779
#3	-.000178	.0028572	.0040406	.0265507	.0101353	238.3666

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0044300**	**-.000678**	**.0009962**	**245.7077**	**.0605852**	**.0005121**
Stddev	.0008910	.000093	.0000451	1.1285	.0001605	.0001054
%RSD	20.11250	13.78225	4.530206	.4592921	.2649081	20.58326
#1	.0044805	-.000579	.0010384	244.4841	.0605218	.0006162
#2	.0035149	-.000688	.0010017	245.9314	.0607678	.0004055
#3	.0052948	-.000765	.0009486	246.7076	.0604662	.0005145

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.011455**	**102.9336**	**.0115855**	**239.6872**	**.0040969**	**.0023232**
Stddev	.001933	.4747	.0005099	1.0119	.0004813	.0002494
%RSD	16.87593	.4612005	4.401364	.4221625	11.74908	10.73422
#1	-.011000	102.4294	.0118602	238.5968	.0046324	.0024288
#2	-.013575	102.9995	.0109971	239.8691	.0039578	.0020384
#3	-.009790	103.3720	.0118991	240.5959	.0037004	.0025024

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.309396**	**-.006623**	**-.008607**	**-.271386**	F **.0109329**	F **.4105869**
Stddev	.194735	.001016	.000525	.051472	.0007355	.0029084
%RSD	62.94028	15.34656	6.098283	18.96623	6.727707	.7083485
#1	-.422561	-.005672	-.008308	-.307978	.0105093	.4074802
#2	-.084537	-.007694	-.008300	-.293650	.0117822	.4110357
#3	-.421091	-.006502	-.009213	-.212530	.0105072	.4132448

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: ICSA002 Acquired: 1/24/2025 12:29:44 Type: Unk
Method: EPA SFAM01.0(v55) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICSA002 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000618**	**.0258201**	**.0034923**	**-.003752**	**-.004487**	**.0025734**
Stddev	.000360	.0055944	.0029981	.001711	.001149	.0015562
%RSD	58.26566	21.66697	85.84822	45.60260	25.60391	60.47072
#1	-.000982	.0263933	.0001741	-.002242	-.003478	.0037456
#2	-.000609	.0199611	.0060062	-.005610	-.004246	.0008079
#3	-.000263	.0311058	.0042966	-.003403	-.005738	.0031668

Elem	Sr4077
Units	ppm
Avg	**.0913368**
Stddev	.0005890
%RSD	.6449118
#1	.0906606
#2	.0916117
#3	.0917382

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**2938.485**	**60079.32**	**9757.011**	**2105.406**	**3371.718**
Stddev	4.450	45.66	62.350	8.244	3.331
%RSD	.1514387	.0760050	.6390266	.3915552	.0987883
#1	2934.692	60124.34	9686.426	2097.739	3368.642
#2	2937.379	60080.59	9780.020	2114.126	3375.255
#3	2943.384	60033.04	9804.586	2104.352	3371.255

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: ICSAB002 Acquired: 1/24/2025 12:36:03 Type: Unk
Method: EPA SFAM01.0(v55) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICSAB002 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0896507**	**.1081835**	**.0517403**	**.0628739**	**.5276967**	**228.8166**
Stddev	.0005218	.0012122	.0007957	.0068561	.0025742	1.0292
%RSD	.5820678	1.120493	1.537818	10.90460	.4878188	.4497830
#1	.0897269	.1077513	.0526546	.0674179	.5247501	229.1681
#2	.0901302	.1072466	.0513616	.0662163	.5295088	229.6239
#3	.0890949	.1095525	.0512047	.0549876	.5288311	227.6577

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.4842400**	**.4993522**	**.9752857**	**237.7066**	**.5916392**	**.4884768**
Stddev	.0018124	.0011896	.0024666	.9412	.0010912	.0012862
%RSD	.3742755	.2382231	.2529155	.3959674	.1844334	.2632998
#1	.4857621	.4989061	.9740644	238.0667	.5906912	.4870362
#2	.4847228	.4984501	.9736680	238.4146	.5928319	.4888843
#3	.4822351	.5007003	.9781247	236.6385	.5913944	.4895098

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.4781363**	**99.48291**	**.4969822**	**232.5402**	**.9730475**	**.1991859**
Stddev	.0020682	.46640	.0043141	.8184	.0022059	.0004653
%RSD	.4325489	.4688260	.8680627	.3519324	.2266979	.2335982
#1	.4769018	99.63866	.4994463	232.9287	.9725117	.1995526
#2	.4769831	99.85151	.4994994	233.0921	.9711589	.1993427
#3	.4805240	98.95857	.4920007	231.6000	.9754720	.1986625

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.673263**	**.4770608**	**.9429909**	**-.561161**	**.0096169**	F **.3952662**
Stddev	.376044	.0021956	.0041172	.061693	.0020150	.0021913
%RSD	55.85398	.4602365	.4366124	10.99377	20.95219	.5543913
#1	-.725692	.4785835	.9434431	-.601512	.0075110	.3963480
#2	-.273756	.4745440	.9468634	-.591828	.0115265	.3967063
#3	-1.02034	.4780550	.9386663	-.490144	.0098132	.3927444

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: ICSAB002 Acquired: 1/24/2025 12:36:03 Type: Unk
Method: EPA SFAM01.0(v55) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICSAB002 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000636	.0194518	-.000572	-.002565	-.004923	.0038155
Stddev	.000299	.0054258	.003835	.000560	.000148	.0008277
%RSD	47.05908	27.89363	670.8217	21.85320	3.000188	21.69242
#1	-.000758	.0171026	.000987	-.003064	-.005081	.0034878
#2	-.000295	.0155963	-.004941	-.002671	-.004900	.0032018
#3	-.000855	.0256563	.002238	-.001959	-.004789	.0047568

Elem	Sr4077
Units	ppm
Avg	.0880316
Stddev	.0004165
%RSD	.4731243
#1	.0882847
#2	.0882592
#3	.0875509

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3084.422	60513.73	9599.081	2144.908	3534.829
Stddev	8.618	150.71	31.297	10.466	7.721
%RSD	.2793927	.2490522	.3260380	.4879435	.2184263
#1	3084.932	60498.19	9608.446	2135.929	3537.815
#2	3092.774	60371.39	9624.626	2142.394	3540.612
#3	3075.561	60671.60	9564.171	2156.402	3526.061

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: CCV013 Acquired: 1/24/2025 12:59:28 Type: Unk
Method: EPA SFAM01.0(v55) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV013 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**4.799458**	**4.889542**	**24.34375**	**4.827917**	**4.896973**	**413.8373**
Stddev	.012764	.013054	.04565	.025597	.010091	3.4974
%RSD	.2659422	.2669743	.1875409	.5301842	.2060597	.8451220
#1	4.811692	4.874636	24.29511	4.855718	4.908502	410.2965
#2	4.786223	4.898936	24.35049	4.805325	4.889750	413.9257
#3	4.800459	4.895053	24.38567	4.822709	4.892666	417.2897

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**10.26619**	**.4928787**	**2.451198**	**408.2126**	**15.66501**	**2.468511**
Stddev	.07321	.0033259	.002760	1.2242	.05621	.002682
%RSD	.7131268	.6747823	.1125854	.2999006	.3588135	.1086651
#1	10.21870	.4894877	2.448028	408.8913	15.61834	2.467051
#2	10.22937	.4961354	2.453066	408.9470	15.64928	2.466876
#3	10.35050	.4930129	2.452498	406.7993	15.72741	2.471607

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**14.56736**	**416.5925**	**15.17785**	**406.5020**	**2.462587**	**1.292287**
Stddev	.04449	1.5895	.03368	1.2777	.004270	.005387
%RSD	.3053827	.3815418	.2218755	.3143219	.1733847	.4168543
#1	14.55943	417.7573	15.21010	407.4844	2.458989	1.288468
#2	14.61529	414.7818	15.14291	405.0575	2.461466	1.289944
#3	14.52738	417.2386	15.18054	406.9641	2.467305	1.298449

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**378.3988**	**2.437730**	**15.36183**	**158.0573**	**4.847789**	F **5.945155**
Stddev	1.8796	.008266	.01045	.8607	.015981	.017163
%RSD	.4967313	.3390896	.0680128	.5445367	.3296515	.2886942
#1	377.3879	2.432443	15.35042	158.5516	4.842277	5.926081
#2	380.5676	2.447255	15.37092	157.0635	4.835293	5.959353
#3	377.2411	2.433490	15.36415	158.5569	4.865795	5.950031

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: CCV013 Acquired: 1/24/2025 12:59:28 Type: Unk
Method: EPA SFAM01.0(v55) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV013 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**4.847361**	**4.893366**	**4.881066**	**4.909556**	**4.888829**	**5.100450**
Stddev	.010036	.009948	.028502	.007623	.016650	.022349
%RSD	.2070349	.2033003	.5839218	.1552675	.3405814	.4381830
#1	4.858826	4.895544	4.863965	4.902686	4.883026	5.116030
#2	4.843088	4.882510	4.913968	4.908226	4.907605	5.074843
#3	4.840168	4.902045	4.865264	4.917757	4.875857	5.110477

Elem	Sr4077
Units	ppm
Avg	**5.113641**
Stddev	.026043
%RSD	.5092920
#1	5.125011
#2	5.083846
#3	5.132067

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**2644.481**	**55453.41**	**9302.795**	**1898.907**	**3094.580**
Stddev	5.920	121.23	48.096	3.226	5.826
%RSD	.2238801	.2186142	.5170048	.1698691	.1882554
#1	2638.018	55424.56	9335.553	1902.529	3098.837
#2	2649.642	55586.46	9247.578	1897.847	3096.963
#3	2645.785	55349.21	9325.255	1896.345	3087.941

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: CCB013 Acquired: 1/24/2025 13:03:47 Type: Unk
Method: EPA SFAM01.0(v55) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB013 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0008690**	**.0001167**	**-.000688**	**.0021413**	**.0001988**	**.0039748**	**-.001063**
Stddev	.0012820	.0005825	.001616	.0012983	.0015530	.0080644	.000337
%RSD	147.5347	499.2337	234.8041	60.63099	781.0892	202.8892	31.66779
#1	.0002066	-.000312	.000477	.0032236	.0019276	.0006391	-.000805
#2	.0000536	-.000118	-.002533	.0024987	-.000253	.0131719	-.001444
#3	.0023467	.000780	-.000009	.0007018	-.001078	-.001887	-.000939

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000046**	**.0000238**	**.0098034**	**.0001818**	**-.000097**	**-.000664**	**.0064566**
Stddev	.000053	.0000429	.0031082	.0002425	.000106	.001802	.0010930
%RSD	114.9420	180.5863	31.70549	133.3758	109.9946	271.3959	16.92770
#1	-.000009	.0000728	.0103203	.0000461	-.000215	.001390	.0076578
#2	-.000023	.0000052	.0064691	.0000375	-.000067	-.001402	.0061912
#3	-.000107	-.000007	.0126208	.0004618	-.000008	-.001979	.0055208

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000374**	**-.018990**	**.0000293**	**.0003575**	**.0954402**	**-.000347**	**-.001021**
Stddev	.000159	.011269	.0003072	.0004815	.5782305	.002968	.001124
%RSD	42.58747	59.34433	1046.771	134.6998	605.8566	854.3332	110.0435
#1	-.000214	-.016154	-.000036	.0002056	-.401849	.000693	-.001770
#2	-.000376	-.031406	-.000240	-.000030	.729932	-.003695	.000271
#3	-.000532	-.009409	.000364	.000897	-.041763	.001960	-.001565

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.096187**	**.0023009**	**-.007074**	**-.000038**	**.0014979**	**.0020355**	**.0002003**
Stddev	.025617	.0004050	.000150	.000202	.0026773	.0015618	.0009009
%RSD	26.63279	17.60019	2.116286	536.9078	178.7356	76.72544	449.7411
#1	-.094815	.0018333	-.006902	.000177	.0039773	.0024399	-.000583
#2	-.122464	.0025300	-.007179	-.000223	.0018574	.0033553	-.000001
#3	-.071284	.0025393	-.007140	-.000067	-.001341	.0003113	.001185

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: CCB013 Acquired: 1/24/2025 13:03:47 Type: Unk
Method: EPA SFAM01.0(v55) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB013 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	**-.000289**	**-.001644**	**.0000148**
Stddev	.000825	.001664	.0000642
%RSD	285.5973	101.2641	434.9331
#1	-.000200	-.002928	.0000537
#2	-.001155	-.002239	-.000059
#3	.000488	.000237	.000050

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**3348.360**	**65821.41**	**9941.540**	**2303.330**	**4136.717**
Stddev	4.099	218.33	32.723	1.812	3.950
%RSD	.1224040	.3316960	.3291525	.0786566	.0954817
#1	3344.575	65607.14	9910.558	2301.246	4132.270
#2	3352.713	66043.58	9938.299	2304.209	4139.816
#3	3347.792	65813.51	9975.762	2304.533	4138.065

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: Q1046-02 Acquired: 1/24/2025 13:07:57 Type: Unk
Method: EPA SFAM01.0(v55) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCQ19 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0573330**	**-.005106**	**.4750989**	**.0243353**	**.0131743**	**54.56193**
Stddev	.0026194	.003187	.0080168	.0004876	.0003523	.16386
%RSD	4.568729	62.41483	1.687390	2.003634	2.674427	.3003238
#1	.0571945	-.003404	.4813255	.0240957	.0127879	54.46454
#2	.0547855	-.008782	.4779177	.0248963	.0134778	54.47013
#3	.0600188	-.003131	.4660534	.0240138	.0132571	54.75111

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**6.691399**	**.0054136**	**.0037801**	**23.75668**	**.1296995**	**.1582291**
Stddev	.061576	.0001054	.0001633	.01002	.0001022	.0020237
%RSD	.9202281	1.946825	4.320509	.0421767	.0788032	1.278976
#1	6.670202	.0053580	.0038844	23.75299	.1296329	.1596772
#2	6.760774	.0053477	.0038640	23.74903	.1296484	.1590933
#3	6.643221	.0055352	.0035918	23.76802	.1298171	.1559167

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0535494**	**116.0647**	**11.42611**	**13.00305**	**.0763035**	**.0052673**
Stddev	.0014319	.3470	.01640	.04657	.0007552	.0001380
%RSD	2.673905	.2989411	.1435506	.3581848	.9897977	2.620746
#1	.0519880	115.8678	11.42220	12.96046	.0766072	.0054086
#2	.0538594	115.8610	11.41202	12.99591	.0768596	.0052605
#3	.0548010	116.4653	11.44412	13.05278	.0754437	.0051328

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.439030**	**.2012400**	**.6036005**	**5.475468**	**3.138436**	**.4742831**
Stddev	.267386	.0024996	.0040500	.055961	.034431	.0015789
%RSD	60.90377	1.242118	.6709725	1.022036	1.097081	.3329063
#1	-.661935	.1998290	.6027253	5.536198	3.157365	.4734933
#2	-.142563	.2041261	.6080166	5.425984	3.159250	.4732548
#3	-.512592	.1997649	.6000597	5.464223	3.098694	.4761010

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: Q1046-02 Acquired: 1/24/2025 13:07:57 Type: Unk
Method: EPA SFAM01.0(v55) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCQ19 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0057737	2.766542	F 13.03254	.0080480	1.181889	.0339307
Stddev	.0005242	.043570	.07449	.0008908	.003243	.0006639
%RSD	9.078744	1.574887	.5715700	11.06898	.2744059	1.956651
#1	.0063325	2.783446	13.03099	.0078895	1.181101	.0332737
#2	.0056956	2.799126	13.10780	.0072471	1.185454	.0339170
#3	.0052929	2.717053	12.95884	.0090075	1.179113	.0346013

Elem	Sr4077
Units	ppm
Avg	.1049843
Stddev	.0001193
%RSD	.1136382
#1	.1049321
#2	.1048999
#3	.1051208

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3492.347	69331.51	10733.19	2440.553	3929.430
Stddev	35.038	32.49	66.30	6.891	45.460
%RSD	1.003266	.0468661	.6177345	.2823419	1.156923
#1	3470.452	69351.91	10749.55	2446.405	3898.662
#2	3473.832	69294.04	10660.23	2432.958	3907.981
#3	3532.758	69348.59	10789.77	2442.296	3981.647

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: Q1046-03 Acquired: 1/24/2025 13:12:02 Type: Unk
Method: EPA SFAM01.0(v55) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCQ19D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0571768**	**-.002318**	**.4739614**	**.0257886**	**.0125279**	**54.05123**
Stddev	.0004549	.002978	.0013432	.0028206	.0006571	.38244
%RSD	.7956775	128.4900	.2834034	10.93730	5.245306	.7075513
#1	.0575623	.001070	.4753879	.0235266	.0130414	54.41396
#2	.0566750	-.004521	.4727209	.0289490	.0117873	54.08801
#3	.0572930	-.003503	.4737755	.0248903	.0127549	53.65174

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**6.726653**	**.0053378**	**.0038234**	**23.62202**	**.1289183**	**.1580247**
Stddev	.005211	.0000277	.0000638	.12317	.0001886	.0000284
%RSD	.0774663	.5188514	1.668015	.5214235	.1462688	.0179789
#1	6.721473	.0053131	.0037499	23.73462	.1291140	.1580347
#2	6.731894	.0053677	.0038560	23.64096	.1289031	.1580469
#3	6.726590	.0053327	.0038643	23.49047	.1287377	.1579927

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0465937**	**115.0868**	**11.49801**	**12.90118**	**.0762422**	**.0052506**
Stddev	.0009780	.7778	.07832	.04974	.0005575	.0001446
%RSD	2.098949	.6758046	.6811492	.3855815	.7312178	2.754387
#1	.0455282	115.7470	11.58049	12.95416	.0763647	.0053202
#2	.0468024	115.2840	11.48890	12.89391	.0756336	.0050843
#3	.0474504	114.2295	11.42465	12.85547	.0767282	.0053473

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.3145432**	**.2043929**	**.6056765**	**5.395994**	**3.116140**	**.4680369**
Stddev	.0452542	.0031330	.0047234	.044937	.010236	.0047301
%RSD	14.38728	1.532827	.7798540	.8327894	.3284887	1.010622
#1	.2653051	.2079606	.6087414	5.437726	3.104563	.4713269
#2	.3240079	.2031280	.6080511	5.348422	3.119863	.4701676
#3	.3543166	.2020902	.6002370	5.401834	3.123993	.4626163

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: Q1046-03 Acquired: 1/24/2025 13:12:02 Type: Unk
Method: EPA SFAM01.0(v55) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCQ19D Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0055349	2.727362	F 13.36545	.0082151	1.203856	.0345642
Stddev	.0002137	.009227	.11350	.0011366	.009240	.0013543
%RSD	3.861055	.3383120	.8491910	13.83507	.7675180	3.918281
#1	.0057592	2.723436	13.48810	.0071728	1.214390	.0348201
#2	.0055118	2.737902	13.26412	.0080455	1.200052	.0357724
#3	.0053337	2.720747	13.34414	.0094269	1.197125	.0331002

Elem	Sr4077
Units	ppm
Avg	.1057138
Stddev	.0010033
%RSD	.9490653
#1	.1067235
#2	.1057010
#3	.1047170

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3517.233	70064.76	10662.71	2470.582	3957.282
Stddev	8.276	203.97	45.54	7.435	11.340
%RSD	.2353008	.2911169	.4270669	.3009356	.2865654
#1	3521.454	69831.70	10627.17	2462.035	3961.698
#2	3522.548	70151.88	10714.04	2474.160	3965.750
#3	3507.697	70210.70	10646.92	2475.552	3944.398

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: Q1046-02LX5 Acquired: 1/24/2025 13:16:07 Type: Unk
Method: EPA SFAM01.0(v55) 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	.0125668	-.001003	.0992332	.0042980	.0036773	11.23297	1.359957
Stddev	.0013091	.002848	.0007644	.0014506	.0004811	.05872	.008536
%RSD	10.41675	284.0437	.7703609	33.75028	13.08246	.5227330	.6276643
#1	.0116862	.000993	.0984203	.0056150	.0041477	11.17896	1.351317
#2	.0140710	-.004265	.0993418	.0027432	.0031862	11.22446	1.360168
#3	.0119430	.000264	.0999376	.0045358	.0036980	11.29547	1.368386

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0012316	.0007199	4.929966	.0276086	.0323964	.0090009	24.32331
Stddev	.0000679	.0000303	.029179	.0003396	.0001324	.0005715	.06296
%RSD	5.514894	4.210421	.5918639	1.230116	.4085852	6.349323	.2588516
#1	.0012675	.0007486	4.900062	.0279353	.0322892	.0083523	24.26412
#2	.0011532	.0007230	4.931475	.0272574	.0323557	.0094303	24.31635
#3	.0012740	.0006882	4.958361	.0276330	.0325443	.0092202	24.38946

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.342099	2.715204	.0159733	.0011846	.1321576	.0427441	.1251158
Stddev	.012138	.019063	.0002466	.0002729	.2440815	.0011682	.0008618
%RSD	.5182622	.7020981	1.543735	23.03396	184.6897	2.733073	.6888186
#1	2.329726	2.734797	.0157233	.0008790	.2945335	.0440375	.1249463
#2	2.342583	2.714096	.0162164	.0014036	.2504724	.0417657	.1243514
#3	2.353988	2.696718	.0159801	.0012713	-.148533	.0424291	.1260498

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9588837	.6472112	.0890593	.0006151	.5685790	2.764113	.0017982
Stddev	.0296141	.0013204	.0003910	.0003666	.0031505	.021002	.0005348
%RSD	3.088391	.2040170	.4390310	59.61228	.5540971	.7598065	29.74074
#1	.9417577	.6480777	.0891068	.0008362	.5655230	2.774490	.0022428
#2	.9418144	.6456915	.0886467	.0008171	.5683979	2.739943	.0012048
#3	.9930791	.6478644	.0894244	.0001918	.5718161	2.777908	.0019471

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: Q1046-02LX5 Acquired: 1/24/2025 13:16:07 Type: Unk
Method: EPA SFAM01.0(v55) 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	.2479836	.0053287	.0215412
Stddev	.0015881	.0009426	.0000966
%RSD	.6404212	17.68974	.4484776
#1	.2470727	.0042403	.0214477
#2	.2470606	.0058630	.0215353
#3	.2498174	.0058828	.0216406

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3342.896	67317.20	10115.44	2354.317	4007.813
Stddev	4.362	263.84	90.37	8.857	8.359
%RSD	.1304855	.3919326	.8934227	.3761980	.2085609
#1	3345.541	67405.32	10099.40	2353.172	4016.055
#2	3345.285	67525.70	10212.76	2363.691	4008.042
#3	3337.861	67020.58	10034.16	2346.088	3999.342

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: Q1046-04 Acquired: 1/24/2025 13:20:11 Type: Unk
Method: EPA SFAM01.0(v55) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCQ19S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1257284**	**.0980075**	**.5131529**	**.1863441**	**.1717234**	**57.90667**
Stddev	.0018827	.0027510	.0029819	.0042842	.0031876	.33168
%RSD	1.497467	2.806888	.5810884	2.299078	1.856235	.5727755
#1	.1237508	.0948360	.5110209	.1814039	.1710076	58.10331
#2	.1259353	.0994387	.5118774	.1885913	.1752081	58.09296
#3	.1274992	.0997477	.5165604	.1890373	.1689546	57.52373

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**10.16699**	**.0947493**	**.0994492**	**23.63004**	**.5353712**	**1.114422**
Stddev	.18409	.0004171	.0005926	.11396	.0024254	.005171
%RSD	1.810683	.4401697	.5958721	.4822521	.4530369	.4640171
#1	10.18124	.0944929	.0993188	23.74582	.5357233	1.111018
#2	10.34354	.0945245	.0989326	23.62631	.5376013	1.111875
#3	9.97619	.0952305	.1000961	23.51800	.5327889	1.120372

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.5017242**	**118.1491**	**12.17455**	**12.97815**	**1.042605**	**.0737325**
Stddev	.0035154	.7004	.04942	.06384	.005092	.0004820
%RSD	.7006552	.5927784	.4059546	.4918836	.4883460	.6537887
#1	.5041418	118.4622	12.21671	13.03208	1.039087	.0734678
#2	.4976915	118.6383	12.18678	12.99470	1.040285	.0742889
#3	.5033392	117.3468	12.12016	12.90767	1.048444	.0734408

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.108023**	**1.113209**	**1.457819**	**5.491271**	**3.130206**	**.4843569**
Stddev	.150258	.004186	.012913	.046781	.014326	.0034118
%RSD	139.0981	.3760569	.8857617	.8519155	.4576667	.7043996
#1	-.179255	1.110782	1.466190	5.545113	3.117439	.4859925
#2	.064604	1.110803	1.464320	5.460584	3.127479	.4866429
#3	-.209417	1.118043	1.442948	5.468114	3.145699	.4804352

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: Q1046-04 Acquired: 1/24/2025 13:20:11 Type: Unk
Method: EPA SFAM01.0(v55) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCQ19S Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0051848	2.785394	F 12.71519	.0080063	1.154695	.0336717
Stddev	.0002635	.021039	.06176	.0008320	.002265	.0008037
%RSD	5.082496	.7553398	.4857289	10.39204	.1961769	2.386793
#1	.0051270	2.764181	12.72207	.0076345	1.154433	.0341018
#2	.0049550	2.785746	12.65028	.0074250	1.152572	.0327445
#3	.0054724	2.806255	12.77323	.0089594	1.157079	.0341688

Elem	Sr4077
Units	ppm
Avg	.1039886
Stddev	.0005061
%RSD	.4867109
#1	.1045475
#2	.1038573
#3	.1035611

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3439.788	68920.82	10829.57	2405.367	3886.493
Stddev	7.226	226.39	43.06	12.829	15.681
%RSD	.2100676	.3284817	.3975768	.5333377	.4034776
#1	3443.663	68859.01	10855.57	2399.023	3895.384
#2	3444.250	68731.75	10853.27	2396.946	3895.709
#3	3431.451	69171.70	10779.87	2420.131	3868.387

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: Q1045-07DLX2 Acquired: 1/24/2025 13:24:11 Type: Unk
Method: EPA SFAM01.0(v55) 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	**.0460770**	**-.005114**	**6.939383**	**.0156349**	**.0139244**	**11.52744**
Stddev	.0012992	.002239	.011613	.0016580	.0019160	.00842
%RSD	2.819659	43.77414	.1673534	10.60464	13.75993	.0730136
#1	.0446795	-.003001	6.932895	.0165331	.0161233	11.51940
#2	.0472482	-.007460	6.932463	.0166501	.0126138	11.52675
#3	.0463032	-.004882	6.952790	.0137216	.0130360	11.53619

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**16.91051**	**.0022775**	**.0765698**	**347.0709**	**.0866723**	**.0726679**
Stddev	.05650	.0000676	.0001342	.9236	.0000519	.0004316
%RSD	.3340851	2.967990	.1751977	.2661149	.0598466	.5938704
#1	16.91459	.0022011	.0765733	346.1462	.0866155	.0721938
#2	16.96486	.0023020	.0764340	347.0732	.0866844	.0727721
#3	16.85209	.0023295	.0767022	347.9934	.0867171	.0730379

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2157282**	**107.8727**	**6.602221**	**170.6348**	**.0801557**	**.0091560**
Stddev	.0020604	.1038	.009004	.2894	.0001314	.0002430
%RSD	.9550988	.0961966	.1363789	.1695906	.1639514	2.654202
#1	.2174666	107.7923	6.607425	170.3120	.0800193	.0089087
#2	.2162658	107.8360	6.607413	170.8712	.0801664	.0093945
#3	.2134523	107.9898	6.591824	170.7211	.0802814	.0091649

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.096421**	**.1020463**	**5.999016**	**.8457412**	**1.742387**	**.4541007**
Stddev	.258479	.0010175	.010127	.0501342	.005211	.0014622
%RSD	268.0747	.9970490	.1688163	5.927839	.2990860	.3219957
#1	-.302306	.1028176	5.997519	.8179703	1.746723	.4540567
#2	-.180614	.1024281	5.989721	.8156379	1.736606	.4526610
#3	.193658	.1008932	6.009809	.9036156	1.743834	.4555844

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: Q1045-07DLX2 Acquired: 1/24/2025 13:24:11 Type: Unk
Method: EPA SFAM01.0(v55) 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	.0019654	F 10.13803	5.755046	.0048788	.2961572	.0144606
Stddev	.0005301	.01355	.018356	.0006988	.0049268	.0003228
%RSD	26.97270	.1336853	.3189539	14.32358	1.663582	2.232188
#1	.0020404	10.14973	5.740746	.0046153	.2930348	.0146224
#2	.0024540	10.12318	5.748648	.0043500	.2935999	.0140889
#3	.0014017	10.14117	5.775745	.0056710	.3018368	.0146704

Elem	Sr4077
Units	ppm
Avg	.2142044
Stddev	.0002453
%RSD	.1145121
#1	.2143935
#2	.2139273
#3	.2142926

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3194.827	63903.82	10306.70	2188.555	3511.245
Stddev	7.693	113.70	42.59	6.614	4.470
%RSD	.2408039	.1779256	.4132538	.3022086	.1273039
#1	3202.311	64016.99	10346.45	2193.642	3515.668
#2	3186.940	63904.89	10311.90	2190.945	3506.729
#3	3195.231	63789.59	10261.74	2181.078	3511.338

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: Q1045-08DLX2 Acquired: 1/24/2025 13:28:25 Type: Unk
Method: EPA SFAM01.0(v55) 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	**.0480064**	**-.004004**	**6.968257**	**.0155757**	**.0148210**	**11.19199**
Stddev	.0012735	.001467	.069848	.0000383	.0003968	.01804
%RSD	2.652738	36.64131	1.002372	.2457555	2.677132	.1612286
#1	.0471274	-.005640	6.888060	.0155763	.0152452	11.17119
#2	.0494669	-.003570	7.000936	.0155372	.0144591	11.20134
#3	.0474251	-.002803	7.015775	.0156137	.0147586	11.20345

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**16.17925**	**.0024125**	**.0771857**	**335.4094**	**.0852964**	**.0725108**
Stddev	.32278	.0000508	.0009524	3.7742	.0002444	.0009449
%RSD	1.995055	2.105374	1.233948	1.125253	.2865318	1.303131
#1	16.18111	.0024563	.0760870	333.5014	.0850863	.0714597
#2	16.50109	.0023568	.0777762	339.7567	.0855646	.0727828
#3	15.85553	.0024244	.0776941	332.9702	.0852383	.0732899

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2131473**	**104.7113**	**6.411931**	**165.2809**	**.0810938**	**.0089491**
Stddev	.0016614	.2562	.010303	.2966	.0010212	.0001627
%RSD	.7794478	.2446924	.1606808	.1794728	1.259299	1.818305
#1	.2121366	104.7717	6.411438	165.4343	.0799146	.0087690
#2	.2150647	104.9320	6.422471	165.4694	.0816842	.0089928
#3	.2122406	104.4303	6.401883	164.9390	.0816825	.0090855

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0357246**	**.0982129**	**5.846487**	**.8219926**	**1.769807**	**.4395188**
Stddev	.2313996	.0011381	.018829	.0173796	.021346	.0018561
%RSD	647.7317	1.158842	.3220529	2.114327	1.206137	.4223060
#1	-.185573	.0982778	5.838795	.8333455	1.745202	.4403529
#2	.276051	.0970437	5.867944	.8306475	1.783378	.4408115
#3	.016695	.0993172	5.832722	.8019849	1.780842	.4373919

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: Q1045-08DLX2 Acquired: 1/24/2025 13:28:25 Type: Unk
Method: EPA SFAM01.0(v55) 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	.0019101	F 10.33623	5.635043	.0049009	.2888815	.0132924
Stddev	.0000104	.11333	.024496	.0005227	.0022807	.0010122
%RSD	.5439605	1.096464	.4347114	10.66595	.7895071	7.614709
#1	.0019103	10.20538	5.648212	.0048345	.2895014	.0121995
#2	.0018996	10.40360	5.606779	.0044145	.2863549	.0134802
#3	.0019204	10.39970	5.650137	.0054536	.2907882	.0141975

Elem	Sr4077
Units	ppm
Avg	.2081197
Stddev	.0006006
%RSD	.2886089
#1	.2078544
#2	.2088073
#3	.2076973

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3132.356	64413.78	10313.06	2202.038	3439.257
Stddev	31.595	113.98	52.95	7.884	33.926
%RSD	1.008679	.1769477	.5134278	.3580365	.9864398
#1	3168.101	64362.36	10252.50	2204.735	3478.427
#2	3120.807	64334.57	10350.62	2193.160	3420.185
#3	3108.160	64544.41	10336.06	2208.221	3419.158

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: Q1045-07LDLX10 Acquired: 1/24/2025 13:32:38 Type: Unk
Method: EPA SFAM01.0(v55) 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	**.0063101**	**-.001434**	**1.381605**	**.0035660**	**.0024204**	**2.913730**	**3.329283**
Stddev	.0007032	.001213	.004414	.0028508	.0003942	.018474	.036947
%RSD	11.14389	84.59765	.3194590	79.94243	16.28801	.6340460	1.109751
#1	.0059626	-.002833	1.378020	.0068540	.0025867	2.892427	3.290497
#2	.0071194	-.000764	1.380261	.0020598	.0019702	2.923404	3.333286
#3	.0058484	-.000703	1.386535	.0017843	.0027042	2.925358	3.364064

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0005460**	**.0151357**	**69.08276**	**.0186758**	**.0141316**	**.0435380**	**22.05202**
Stddev	.0000381	.0000207	.33009	.0002650	.0001129	.0011836	.12400
%RSD	6.982412	.1365236	.4778147	1.419072	.7988745	2.718456	.5623108
#1	.0005898	.0151456	68.73631	.0184411	.0141169	.0425039	21.92760
#2	.0005201	.0151120	69.11836	.0186229	.0142510	.0448289	22.05286
#3	.0005282	.0151496	69.39360	.0189632	.0140267	.0432812	22.17560

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.334921**	**33.47097**	**.0163621**	**.0023108**	**-.335557**	**.0219267**	**1.195602**
Stddev	.007990	.10432	.0001987	.0001189	.335734	.0004232	.009313
%RSD	.5985257	.3116758	1.214385	5.145548	100.0528	1.929827	.7789172
#1	1.325907	33.37401	.0161338	.0024212	-.145564	.0217946	1.191069
#2	1.337727	33.45754	.0164962	.0023262	-.723203	.0215854	1.189423
#3	1.341129	33.58135	.0164563	.0021849	-.137902	.0224002	1.206313

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.3780445**	**.3386425**	**.0833561**	**.0002167**	**1.956360**	**2.374675**	**-.000053**
Stddev	.0114994	.0029468	.0009220	.0005051	.002388	.019923	.000334
%RSD	3.041803	.8701747	1.106150	233.0502	.1220403	.8389663	631.6114
#1	.3899709	.3370458	.0822936	-.000341	1.953606	2.358367	-.000264
#2	.3670260	.3420431	.0838289	.000348	1.957847	2.368777	.000332
#3	.3771364	.3368388	.0839459	.000643	1.957628	2.396881	-.000226

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: Q1045-07LDLX10 Acquired: 1/24/2025 13:32:38 Type: Unk
Method: EPA SFAM01.0(v55) 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	.1225964	.0015576	.0432379
Stddev	.0165359	.0012197	.0005376
%RSD	13.48804	78.30684	1.243373
#1	.1115474	.0008951	.0430948
#2	.1146348	.0029652	.0427862
#3	.1416070	.0008125	.0438325

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3281.001	65644.90	10101.59	2284.678	3876.832
Stddev	7.312	163.92	84.95	8.140	7.827
%RSD	.2228481	.2497056	.8409247	.3562938	.2018948
#1	3272.558	65570.87	10003.87	2288.533	3869.226
#2	3285.211	65832.78	10143.05	2290.174	3884.863
#3	3285.233	65531.06	10157.84	2275.327	3876.406

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: Q1045-09DLX2 Acquired: 1/24/2025 13:36:40 Type: Unk
Method: EPA SFAM01.0(v55) 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	**.0853303**	**.0458003**	**7.022687**	**.1038563**	**.1010042**	**13.31074**
Stddev	.0015836	.0023289	.010240	.0014859	.0022640	.11319
%RSD	1.855823	5.084881	.1458118	1.430738	2.241534	.8503696
#1	.0835350	.0483647	7.024234	.1049893	.1020045	13.36161
#2	.0865283	.0452191	7.011761	.1021739	.0984123	13.38958
#3	.0859277	.0438170	7.032065	.1044057	.1025958	13.18104

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**18.75551**	**.0486801**	**.1268602**	**346.3221**	**.2884737**	**.5697790**
Stddev	.19769	.0002894	.0003655	3.9476	.0002324	.0009786
%RSD	1.054027	.5944843	.2881258	1.139852	.0805704	.1717500
#1	18.75118	.0483894	.1264503	347.3012	.2882079	.5707199
#2	18.95533	.0486828	.1269780	349.6879	.2886385	.5687666
#3	18.56002	.0489682	.1271523	341.9771	.2885748	.5698507

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.4490477**	**108.1034**	**7.087470**	**169.0274**	**.5789129**	**.0456783**
Stddev	.0009415	.8515	.068125	1.1749	.0010568	.0005050
%RSD	.2096577	.7876259	.9612015	.6950687	.1825480	1.105528
#1	.4494873	108.5478	7.124724	169.5049	.5797347	.0459102
#2	.4496890	108.6408	7.128844	169.8884	.5792832	.0460257
#3	.4479669	107.1217	7.008842	167.6890	.5777208	.0450990

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000201**	**.5706245**	**6.448473**	**.9307377**	**1.792923**	**.4548878**
Stddev	.140311	.0016758	.029393	.0292484	.004323	.0042675
%RSD	69807.90	.2936819	.4558157	3.142498	.2411141	.9381414
#1	.157082	.5689390	6.465159	.9208990	1.788383	.4564765
#2	-.045171	.5706442	6.465726	.9076772	1.793397	.4581330
#3	-.112513	.5722904	6.414535	.9636368	1.796990	.4500538

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: Q1045-09DLX2 Acquired: 1/24/2025 13:36:40 Type: Unk
Method: EPA SFAM01.0(v55) 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	.0013867	F 10.52568	5.818582	.0060283	.2964495	.0140869
Stddev	.0002950	.01688	.027945	.0007005	.0008936	.0006573
%RSD	21.27450	.1603399	.4802685	11.62013	.3014524	4.665835
#1	.0012597	10.54202	5.795701	.0065586	.2973799	.0139278
#2	.0017240	10.50831	5.810320	.0062922	.2963707	.0148091
#3	.0011765	10.52671	5.849727	.0052342	.2955979	.0135238

Elem	Sr4077
Units	ppm
Avg	.2148856
Stddev	.0022119
%RSD	1.029334
#1	.2161442
#2	.2161810
#3	.2123316

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3113.318	64176.38	10380.74	2211.610	3411.584
Stddev	8.748	256.40	69.13	8.017	9.366
%RSD	.2809810	.3995309	.6659241	.3624920	.2745426
#1	3116.336	64169.38	10444.68	2219.541	3410.498
#2	3120.156	63923.54	10390.16	2203.510	3421.446
#3	3103.460	64436.21	10307.39	2211.779	3402.808

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: Q1039-10DLX2 Acquired: 1/24/2025 13:40:50 Type: Unk
Method: EPA SFAM01.0(v55) 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	**.0211999**	**-.003072**	**.7708813**	**-.006575**	**.0056053**	**7.067962**
Stddev	.0018565	.002552	.0022617	.001249	.0010708	.031824
%RSD	8.757162	83.07232	.2933871	18.99894	19.10414	.4502616
#1	.0228636	-.000156	.7702318	-.006786	.0044541	7.049324
#2	.0191973	-.004900	.7690155	-.007706	.0065718	7.104708
#3	.0215388	-.004159	.7733967	-.005234	.0057899	7.049854

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**14.58198**	**.0011315**	**.0079132**	F **929.0462**	**.0332981**	**.0197801**
Stddev	.02847	.0000387	.0000207	2.6352	.0001194	.0002290
%RSD	.1952194	3.421881	.2615434	.2836489	.3586245	1.157636
#1	14.55280	.0011632	.0079263	927.2731	.0333385	.0200335
#2	14.58348	.0010883	.0079240	927.7912	.0333920	.0197190
#3	14.60967	.0011429	.0078894	932.0744	.0331637	.0195879

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0577803**	**34.86386**	**2.130950**	**513.6329**	**.0303951**	**.0000325**
Stddev	.0025809	.15551	.005543	2.0516	.0008821	.0003944
%RSD	4.466676	.4460594	.2600992	.3994296	2.902209	1212.638
#1	.0578137	34.73988	2.126368	512.0939	.0300101	-.000423
#2	.0603443	35.03835	2.137111	515.9621	.0297710	.000270
#3	.0551829	34.81335	2.129372	512.8428	.0314043	.000250

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.142493**	**.0745891**	**1.570444**	**.4579162**	**1.167993**	**.1554446**
Stddev	.118363	.0010783	.019969	.0323789	.002894	.0005863
%RSD	83.06568	1.445713	1.271577	7.070924	.2477534	.3771713
#1	-.269375	.0737667	1.564579	.4323367	1.170761	.1556230
#2	-.035058	.0741905	1.592689	.4470910	1.164988	.1559210
#3	-.123046	.0758099	1.554064	.4943208	1.168229	.1547899

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: Q1039-10DLX2 Acquired: 1/24/2025 13:40:50 Type: Unk
Method: EPA SFAM01.0(v55) 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	**.0069365**	**8.530658**	**3.114760**	**-.001940**	**.1523673**	**.0254844**
Stddev	.0003571	.005269	.004045	.000577	.0006461	.0014194
%RSD	5.147745	.0617694	.1298620	29.75159	.4240547	5.569825
#1	.0068178	8.536374	3.111772	-.001399	.1530960	.0270466
#2	.0066539	8.529606	3.113146	-.002547	.1518642	.0242740
#3	.0073379	8.525994	3.119363	-.001873	.1521417	.0251326

Elem	Sr4077
Units	ppm
Avg	**.4304905**
Stddev	.0004676
%RSD	.1086304
#1	.4303150
#2	.4310205
#3	.4301360

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**2901.224**	**59320.40**	**9097.057**	**2021.251**	**3187.947**
Stddev	8.323	238.23	7.781	19.526	6.581
%RSD	.2868845	.4016034	.0855360	.9660500	.2064293
#1	2894.190	59588.05	9090.664	2029.190	3182.049
#2	2899.070	59131.56	9105.721	1999.005	3186.748
#3	2910.413	59241.58	9094.787	2035.557	3195.045

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: Q1042-09DLX2 Acquired: 1/24/2025 13:45:08 Type: Unk
Method: EPA SFAM01.0(v55) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCPJ2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0147171	-.002362	.1765125	.0093916	.0056044	19.03164	12.28765
Stddev	.0042365	.000756	.0010954	.0033066	.0019238	.03906	.07924
%RSD	28.78650	32.01616	.6205988	35.20791	34.32692	.2052448	.6448844
#1	.0165395	-.002341	.1777745	.0055764	.0046485	19.05749	12.36110
#2	.0177374	-.001616	.1758064	.0114281	.0078189	19.05073	12.29818
#3	.0098743	-.003128	.1759568	.0111703	.0043458	18.98671	12.20367

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0017918	.0028449	96.19571	.0422226	.0237143	.0419859	44.49756
Stddev	.0000633	.0000685	.32802	.0001841	.0002654	.0023897	.08928
%RSD	3.530026	2.409728	.3409958	.4361071	1.118938	5.691544	.2006306
#1	.0017424	.0027930	96.24850	.0424047	.0240031	.0397099	44.52763
#2	.0017700	.0028191	96.49414	.0420365	.0234812	.0444749	44.56792
#3	.0018631	.0029226	95.84449	.0422265	.0236587	.0417730	44.39713

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.073140	45.46986	.0267878	.0010498	.0853840	.0775011	.5753447
Stddev	.018523	.02817	.0003784	.0002483	.4704826	.0008740	.0036624
%RSD	.6027491	.0619423	1.412494	23.65408	551.0196	1.127744	.6365634
#1	3.069187	45.49897	.0271154	.0013271	.2353252	.0779570	.5773280
#2	3.093321	45.46788	.0263736	.0009746	-.441795	.0764934	.5775879
#3	3.056912	45.44274	.0268743	.0008478	.462621	.0780530	.5711184

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.262812	1.497086	.1783448	.0022437	4.120981	5.387460	.0011891
Stddev	.063676	.003565	.0002007	.0002081	.004484	.008162	.0001946
%RSD	5.042404	.2381395	.1125495	9.274338	.1088186	.1514931	16.36522
#1	1.213484	1.494204	.1781732	.0021324	4.123952	5.379937	.0012122
#2	1.334695	1.495982	.1782956	.0024837	4.123168	5.396137	.0009840
#3	1.240256	1.501073	.1785655	.0021148	4.115822	5.386305	.0013711

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: Q1042-09DLX2 Acquired: 1/24/2025 13:45:08 Type: Unk
Method: EPA SFAM01.0(v55) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCPJ2 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4430108	.0082116	.1665771
Stddev	.0015692	.0005235	.0009828
%RSD	.3542179	6.375450	.5899980
#1	.4429413	.0086824	.1669282
#2	.4446136	.0076478	.1673362
#3	.4414775	.0083047	.1654670

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3239.155	66238.70	10059.56	2342.570	3752.875
Stddev	8.729	154.04	17.03	6.282	9.533
%RSD	.2694757	.2325454	.1692496	.2681693	.2540097
#1	3239.425	66142.25	10071.53	2336.080	3750.696
#2	3247.745	66157.51	10067.09	2343.010	3763.309
#3	3230.294	66416.35	10040.07	2348.621	3744.621

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: Q1044-13DLX2 Acquired: 1/24/2025 13:49:17 Type: Unk
Method: EPA SFAM01.0(v55) 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	**.0240433**	**-.002788**	**.2046766**	**.0016202**	**.0094266**	**15.80429**
Stddev	.0032706	.001372	.0017365	.0006211	.0021260	.06857
%RSD	13.60288	49.21988	.8484097	38.33420	22.55360	.4338381
#1	.0207573	-.001216	.2066690	.0014916	.0074319	15.73566
#2	.0272982	-.003404	.2038758	.0022954	.0116633	15.80441
#3	.0240746	-.003744	.2034850	.0010734	.0091846	15.87279

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**11.99195**	**.0010076**	**.0100760**	**666.6509**	**.0511646**	**.0220838**
Stddev	.06629	.0000677	.0000536	2.3609	.0003289	.0003161
%RSD	.5527671	6.719928	.5317986	.3541490	.6428864	1.431370
#1	11.91832	.0009612	.0100769	663.9659	.0507930	.0218539
#2	12.01065	.0010853	.0101292	668.4021	.0514185	.0219533
#3	12.04688	.0009762	.0100220	667.5848	.0512823	.0224443

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0574598**	**49.16158**	**1.750014**	**370.5853**	**.0329621**	**.0011817**
Stddev	.0012873	.18611	.003320	1.1537	.0006245	.0004149
%RSD	2.240404	.3785663	.1897275	.3113219	1.894748	35.10991
#1	.0587616	48.97913	1.746905	369.3976	.0334008	.0008765
#2	.0561875	49.15448	1.749623	370.6568	.0322470	.0016541
#3	.0574303	49.35114	1.753512	371.7017	.0332385	.0010145

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.159234**	**.0855088**	**4.509894**	**.6061289**	**.5240334**	**.1993531**
Stddev	.190056	.0014063	.001601	.0243111	.0047149	.0008547
%RSD	119.3566	1.644617	.0354937	4.010886	.8997355	.4287504
#1	-.314026	.0841760	4.509975	.5828140	.5231977	.1998210
#2	.052887	.0853719	4.508254	.6042459	.5197921	.1983666
#3	-.216563	.0869786	4.511453	.6313268	.5291102	.1998717

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: Q1044-13DLX2 Acquired: 1/24/2025 13:49:17 Type: Unk
Method: EPA SFAM01.0(v55) 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	.0008013	F 14.78523	5.974605	-.002331	.3723217	.0237521
Stddev	.0009057	.08457	.016998	.000462	.0009508	.0026353
%RSD	113.0255	.5719686	.2845007	19.82318	.2553741	11.09488
#1	.0011800	14.70741	5.986035	-.001809	.3719872	.0256343
#2	-.000232	14.77306	5.982708	-.002495	.3715834	.0248816
#3	.001456	14.87522	5.955072	-.002688	.3733946	.0207403

Elem	Sr4077
Units	ppm
Avg	.3073997
Stddev	.0009829
%RSD	.3197336
#1	.3071509
#2	.3065652
#3	.3084831

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2883.390	59587.45	9598.217	2037.111	3212.705
Stddev	5.763	130.00	21.124	5.972	6.931
%RSD	.1998761	.2181642	.2200846	.2931695	.2157242
#1	2883.715	59696.46	9581.198	2040.598	3212.867
#2	2888.984	59622.31	9591.593	2040.520	3219.553
#3	2877.471	59443.57	9621.859	2030.215	3205.695

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: Q1044-16DLX2 Acquired: 1/24/2025 13:53:36 Type: Unk
Method: EPA SFAM01.0(v55) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCPZ1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0409298	-.003356	1.216186	.0200043	.0114461	35.71789	13.68781
Stddev	.0024659	.001892	.018254	.0014528	.0002656	.64368	.31360
%RSD	6.024686	56.38172	1.500920	7.262427	2.320597	1.802122	2.291069
#1	.0399709	-.001409	1.236926	.0189040	.0115352	35.45488	13.51273
#2	.0390874	-.003472	1.202559	.0216511	.0111475	35.24736	13.50085
#3	.0437311	-.005188	1.209074	.0194577	.0116558	36.45143	14.04986

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0036095	.0051301	65.41358	.0873021	.0855251	.0682668	97.38777
Stddev	.0000649	.0001357	1.09343	.0020772	.0010605	.0013134	1.70730
%RSD	1.798193	2.645732	1.671566	2.379297	1.240048	1.923877	1.753095
#1	.0035695	.0052766	64.87732	.0862011	.0867497	.0668028	96.62282
#2	.0036844	.0050086	64.69180	.0860072	.0849005	.0693416	96.19671
#3	.0035746	.0051051	66.67161	.0896980	.0849252	.0686559	99.34378

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.370371	32.81889	.0699966	.0031481	-.029454	.1519132	.9725670
Stddev	.107833	.53502	.0007226	.0006492	.337709	.0023906	.0148644
%RSD	1.692734	1.630233	1.032322	20.62242	1146.557	1.573688	1.528364
#1	6.322287	32.53654	.0708264	.0032870	.330015	.1539885	.9669160
#2	6.294944	32.48419	.0695062	.0024407	-.078294	.1524520	.9613569
#3	6.493882	33.43594	.0696572	.0037166	-.340083	.1492992	.9894281

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.973838	1.922533	.3948551	.0036113	4.749151	6.570675	.0044184
Stddev	.130156	.034385	.0075366	.0004780	.085919	.010871	.0004914
%RSD	4.376691	1.788550	1.908687	13.23515	1.809148	.1654476	11.12171
#1	2.913798	1.960878	.3917838	.0035058	4.843615	6.570033	.0040821
#2	2.884541	1.894439	.3893391	.0031948	4.675660	6.581853	.0049824
#3	3.123177	1.912281	.4034423	.0041332	4.728177	6.560139	.0041908

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: Q1044-16DLX2 Acquired: 1/24/2025 13:53:36 Type: Unk
Method: EPA SFAM01.0(v55) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCPZ1 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7661364	.0193288	.1486659
Stddev	.0010914	.0009634	.0026913
%RSD	.1424492	4.984473	1.810315
#1	.7655130	.0183685	.1477262
#2	.7654996	.0193225	.1465704
#3	.7673966	.0202953	.1517011

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3345.244	66879.65	10566.53	2343.321	3792.459
Stddev	44.156	1045.45	17.42	30.087	54.311
%RSD	1.319954	1.563187	.1649019	1.283957	1.432078
#1	3295.134	67405.59	10575.90	2356.655	3731.422
#2	3378.452	67557.69	10546.43	2364.437	3835.449
#3	3362.145	65675.66	10577.27	2308.871	3810.506

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: Q1044-18DLX2 Acquired: 1/24/2025 13:57:41 Type: Unk
Method: EPA SFAM01.0(v55) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCPZ3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0509839**	**-.005290**	**4.725718**	**.0148490**	**.0104272**	**16.59179**	**15.77550**
Stddev	.0030612	.003481	.009781	.0034423	.0023896	.08491	.14354
%RSD	6.004187	65.80363	.2069691	23.18217	22.91746	.5117483	.9098923
#1	.0539577	-.003380	4.722542	.0167983	.0077111	16.56520	15.61266
#2	.0478423	-.009309	4.717920	.0168742	.0122068	16.68681	15.88366
#3	.0511517	-.003182	4.736692	.0108744	.0113637	16.52336	15.83019

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0027201**	**.0354102**	**181.8783**	**.0861177**	**.1170252**	**.1408648**	**90.43477**
Stddev	.0000600	.0000837	.7094	.0002704	.0002045	.0028481	.35524
%RSD	2.204307	.2363488	.3900564	.3140105	.1747436	2.021863	.3928094
#1	.0027687	.0354317	181.6498	.0863742	.1171295	.1429094	90.41235
#2	.0026531	.0353178	182.6738	.0858352	.1167896	.1420732	90.80069
#3	.0027384	.0354809	181.3113	.0861438	.1171566	.1376117	90.09128

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**6.028144**	**88.27713**	**.0798022**	**.0078971**	**-.052393**	**.1026921**	**3.381665**
Stddev	.026076	.24258	.0002439	.0001212	.198116	.0006367	.026395
%RSD	.4325780	.2747989	.3056915	1.534461	378.1365	.6199564	.7805404
#1	6.015156	88.09762	.0796013	.0079690	-.279748	.1033081	3.374397
#2	6.058163	88.55311	.0800737	.0079651	.039325	.1020367	3.410933
#3	6.011112	88.18066	.0797317	.0077572	.083245	.1027315	3.359665

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.429399**	**1.522660**	**.3681648**	**.0018994**	**8.144389**	**5.559432**	**.0026779**
Stddev	.076979	.007194	.0023033	.0004515	.008858	.006950	.0011877
%RSD	5.385399	.4724613	.6256185	23.76784	.1087673	.1250197	44.35068
#1	1.390526	1.515662	.3666767	.0020840	8.137139	5.555641	.0032245
#2	1.518062	1.522285	.3708179	.0013849	8.154263	5.555201	.0013154
#3	1.379608	1.530035	.3669997	.0022294	8.141766	5.567453	.0034939

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: Q1044-18DLX2 Acquired: 1/24/2025 13:57:41 Type: Unk
Method: EPA SFAM01.0(v55) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCPZ3 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4884440	.0119231	.1655097
Stddev	.0013377	.0002836	.0011076
%RSD	.2738788	2.378591	.6691841
#1	.4877128	.0122273	.1653368
#2	.4876313	.0116660	.1666936
#3	.4899880	.0118760	.1644989

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3393.849	67317.49	10481.30	2307.752	3780.878
Stddev	6.236	188.72	38.98	13.423	8.058
%RSD	.1837517	.2803448	.3718625	.5816455	.2131329
#1	3392.087	67240.83	10452.94	2307.637	3779.357
#2	3400.776	67179.16	10525.75	2294.387	3789.588
#3	3388.683	67532.48	10465.22	2321.232	3773.688

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: Q1044-19DLX2 Acquired: 1/24/2025 14:01:45 Type: Unk
Method: EPA SFAM01.0(v55) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCPZ4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0416632	-.000900	.9077298	.0187695	.0108595	35.43597	16.42896
Stddev	.0029609	.000933	.0011876	.0023987	.0008000	.04684	.12526
%RSD	7.106728	103.7741	.1308379	12.78000	7.366571	.1321771	.7624481
#1	.0397721	-.001291	.9065703	.0208405	.0100149	35.43338	16.31885
#2	.0401421	-.001573	.9089438	.0161411	.0116057	35.39049	16.40281
#3	.0450755	.000166	.9076755	.0193270	.0109579	35.48405	16.56524

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0032631	.0040580	16.79695	.0779869	.0805780	.0732453	95.12184
Stddev	.0000434	.0000335	.02382	.0001789	.0005615	.0033712	.06855
%RSD	1.330570	.8263497	.1418104	.2293913	.6967800	4.602594	.0720659
#1	.0033056	.0040574	16.79091	.0780837	.0802356	.0719598	95.04950
#2	.0032648	.0040919	16.77673	.0777804	.0802725	.0707060	95.13020
#3	.0032189	.0040249	16.82320	.0780965	.0812260	.0770701	95.18583

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.093038	8.503829	.0715275	.0030724	-.073620	.1451083	.8361181
Stddev	.007089	.019793	.0001868	.0000282	.073705	.0006278	.0050440
%RSD	.1391818	.2327515	.2611594	.9163509	100.1155	.4326654	.6032632
#1	5.099704	8.481103	.0716321	.0030400	-.124241	.1446351	.8303282
#2	5.085591	8.517293	.0713118	.0030855	.010941	.1458205	.8384655
#3	5.093817	8.513090	.0716385	.0030916	-.107561	.1448692	.8395606

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.976094	1.866568	.3799016	.0027327	4.148713	6.912493	.0055253
Stddev	.037845	.004981	.0005656	.0001840	.001184	.040102	.0012086
%RSD	1.271627	.2668661	.1488697	6.732122	.0285411	.5801419	21.87331
#1	2.947913	1.861061	.3792490	.0029429	4.150080	6.950593	.0065996
#2	3.019109	1.867882	.3802495	.0026010	4.148012	6.916235	.0057597
#3	2.961260	1.870760	.3802063	.0026541	4.148046	6.870650	.0042167

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: Q1044-19DLX2 Acquired: 1/24/2025 14:01:45 Type: Unk
Method: EPA SFAM01.0(v55) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCPZ4 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8638461	.0156860	.1282610
Stddev	.0027843	.0006015	.0002548
%RSD	.3223095	3.834510	.1986390
#1	.8668582	.0163748	.1284728
#2	.8633135	.0154187	.1279783
#3	.8613666	.0152645	.1283318

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3509.700	68300.88	10494.32	2383.110	4039.987
Stddev	2.720	161.95	57.82	15.949	2.693
%RSD	.0775088	.2371155	.5509264	.6692332	.0666498
#1	3512.788	68323.66	10459.65	2401.523	4037.390
#2	3508.654	68128.75	10462.25	2374.173	4039.805
#3	3507.658	68450.24	10561.06	2373.633	4042.766

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: Q1044-20DLX2 Acquired: 1/24/2025 14:05:49 Type: Unk
Method: EPA SFAM01.0(v55) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCPZ5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0399553	-.003285	.6871140	.0158793	.0097044	28.67224	17.10507
Stddev	.0012734	.001345	.0040085	.0010967	.0008663	.08279	.01469
%RSD	3.187118	40.94326	.5833826	6.906608	8.926628	.2887341	.0858666
#1	.0391210	-.001794	.6825677	.0168685	.0090555	28.58320	17.10595
#2	.0393238	-.003654	.6901396	.0146999	.0093697	28.74689	17.11929
#3	.0414211	-.004407	.6886349	.0160693	.0106882	28.68662	17.08996

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0038946	.0043978	34.83606	.0766156	.0928000	.1070950	77.65363
Stddev	.0000466	.0000808	.10516	.0003439	.0005033	.0017371	.14716
%RSD	1.196227	1.836744	.3018684	.4488396	.5423582	1.621975	.1895114
#1	.0039480	.0043075	34.72998	.0764686	.0923921	.1074325	77.51051
#2	.0038737	.0044633	34.94027	.0770085	.0933625	.1052140	77.80453
#3	.0038622	.0044225	34.83793	.0763696	.0926455	.1086386	77.64584

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.850359	7.486500	.0742187	.0031629	-.025592	.1117627	1.013849
Stddev	.026626	.040263	.0008264	.0001395	.176613	.0009632	.004185
%RSD	.3391709	.5378028	1.113513	4.411428	690.0972	.8617926	.4127379
#1	7.829419	7.440404	.0737634	.0030546	-.091613	.1124217	1.010473
#2	7.880325	7.514792	.0751727	.0031137	.174519	.1122090	1.018531
#3	7.841335	7.504303	.0737200	.0033203	-.159684	.1106573	1.012543

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.170516	3.654397	.3235693	.0029069	5.185200	6.209520	.0068443
Stddev	.031592	.020484	.0010370	.0004294	.025734	.007719	.0002113
%RSD	.7574974	.5605422	.3204796	14.76974	.4963030	.1243089	3.087498
#1	4.134132	3.631367	.3246632	.0024149	5.156689	6.218429	.0070856
#2	4.190983	3.661238	.3234442	.0032057	5.206707	6.204825	.0067552
#3	4.186434	3.670585	.3226006	.0031001	5.192205	6.205306	.0066922

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: Q1044-20DLX2 Acquired: 1/24/2025 14:05:49 Type: Unk
Method: EPA SFAM01.0(v55) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCPZ5 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7766013	.0140900	.2153920
Stddev	.0014149	.0013083	.0006823
%RSD	.1821927	9.285442	.3167574
#1	.7770195	.0139430	.2146812
#2	.7750244	.0154656	.2160416
#3	.7777599	.0128614	.2154531

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3477.352	68859.46	10665.81	2406.394	3956.906
Stddev	7.819	200.28	67.92	7.867	10.836
%RSD	.2248664	.2908494	.6367566	.3269354	.2738441
#1	3486.354	68658.29	10601.29	2406.094	3966.988
#2	3472.247	69058.83	10736.68	2398.682	3945.448
#3	3473.455	68861.27	10659.47	2414.408	3958.283

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: Q1044-21DLX2 Acquired: 1/24/2025 14:09:55 Type: Unk
Method: EPA SFAM01.0(v55) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCPZ6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0470992	-.003267	2.162137	.0178036	.0118128	22.26627	19.53919
Stddev	.0024798	.001689	.001687	.0014364	.0012798	.04125	.11818
%RSD	5.265114	51.70841	.0780258	8.067920	10.83423	.1852794	.6048235
#1	.0442958	-.001318	2.160242	.0192280	.0106921	22.27117	19.50275
#2	.0490063	-.004180	2.162696	.0178273	.0132074	22.30485	19.67130
#3	.0479953	-.004304	2.163474	.0163555	.0115390	22.22278	19.44352

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0034690	.0200109	66.11299	.0936969	.0879095	.2466442	94.28186
Stddev	.0000411	.0000205	.03596	.0004186	.0004745	.0035654	.14095
%RSD	1.186096	.1023821	.0543915	.4467819	.5397861	1.445568	.1495028
#1	.0034723	.0200243	66.07507	.0936063	.0873896	.2479888	94.33877
#2	.0034263	.0199873	66.11730	.0933310	.0883193	.2493418	94.38546
#3	.0035084	.0200211	66.14660	.0941534	.0880197	.2426020	94.12135

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.851874	28.29950	.0771640	.0030780	-.239320	.1189701	4.765091
Stddev	.019256	.09228	.0003802	.0003566	.137841	.0029749	.023390
%RSD	.2810396	.3260900	.4927189	11.58459	57.59715	2.500555	.4908633
#1	6.830763	28.30117	.0768095	.0027005	-.266903	.1170640	4.741288
#2	6.868475	28.20640	.0775655	.0031244	-.089772	.1223981	4.765940
#3	6.856383	28.39094	.0771168	.0034090	-.361283	.1174483	4.788046

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.358116	2.903048	.3881560	.0037391	6.546789	5.725057	.0324774
Stddev	.013208	.003696	.0002287	.0002239	.010907	.060503	.0002154
%RSD	.5601007	.1273225	.0589281	5.986890	.1665963	1.056807	.6630937
#1	2.344397	2.903658	.3879319	.0035386	6.536433	5.733189	.0325206
#2	2.359207	2.906401	.3883891	.0039806	6.558173	5.781082	.0326679
#3	2.370745	2.899084	.3881471	.0036981	6.545762	5.660899	.0322437

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: Q1044-21DLX2 Acquired: 1/24/2025 14:09:55 Type: Unk
Method: EPA SFAM01.0(v55) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCPZ6 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6480756	.0098247	.1864579
Stddev	.0095499	.0008639	.0006652
%RSD	1.473583	8.793315	.3567504
#1	.6498330	.0106542	.1858242
#2	.6566247	.0089301	.1871506
#3	.6377690	.0098896	.1863989

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3495.484	68069.89	10422.94	2399.333	3997.167
Stddev	4.385	94.93	111.01	5.581	4.906
%RSD	.1254588	.1394604	1.065057	.2326103	.1227375
#1	3494.403	67968.34	10366.00	2396.923	4000.876
#2	3491.740	68156.40	10351.96	2405.714	3991.604
#3	3500.309	68084.94	10550.87	2395.362	3999.022

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: Q1045-01DLX2 Acquired: 1/24/2025 14:14:00 Type: Unk
Method: EPA SFAM01.0(v55) 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	.0300085	-.002200	.5039149	.0042354	.0081499	19.38592
Stddev	.0062323	.003023	.0010984	.0013986	.0006772	.09766
%RSD	20.76861	137.3839	.2179808	33.02126	8.309807	.5037877
#1	.0265201	-.005184	.5026793	.0032667	.0076423	19.32670
#2	.0372038	-.002279	.5042844	.0036006	.0089188	19.49864
#3	.0263015	.000861	.5047809	.0058387	.0078884	19.33241

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.68860	.0024048	.0088251	427.8904	.0594164	.0563052
Stddev	.10941	.0000252	.0000346	2.2254	.0003785	.0001303
%RSD	.7992503	1.047528	.3918603	.5200803	.6370986	.2313525
#1	13.71484	.0023766	.0088129	425.3289	.0590584	.0561893
#2	13.78249	.0024251	.0087982	429.3476	.0598126	.0562800
#3	13.56845	.0024126	.0088641	428.9948	.0593782	.0564462

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0625348	57.30229	4.828089	232.6469	.0588015	.0014326
Stddev	.0039082	.24388	.007715	.9846	.0007920	.0001759
%RSD	6.249587	.4256097	.1597910	.4232078	1.346935	12.27599
#1	.0666390	57.14959	4.824535	232.0856	.0579584	.0015712
#2	.0588577	57.58356	4.836941	233.7838	.0589164	.0014919
#3	.0621078	57.17373	4.822792	232.0714	.0595299	.0012347

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.558214	.0985107	3.785759	1.482605	1.466728	.2323135
Stddev	.260323	.0033333	.013159	.039323	.004948	.0015126
%RSD	46.63504	3.383722	.3475826	2.652280	.3373354	.6510856
#1	-.322858	.0979692	3.782225	1.525557	1.467635	.2328949
#2	-.513954	.1020815	3.800324	1.448377	1.461389	.2334491
#3	-.837830	.0954812	3.774728	1.473881	1.471159	.2305965

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: Q1045-01DLX2 Acquired: 1/24/2025 14:14:00 Type: Unk
Method: EPA SFAM01.0(v55) 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	.0015848	F 10.77037	5.754596	.0019025	.5251496	.0201143
Stddev	.0005631	.04243	.029931	.0006821	.0030402	.0014595
%RSD	35.52909	.3939415	.5201224	35.85273	.5789132	7.256013
#1	.0021921	10.73665	5.786231	.0026577	.5279621	.0199994
#2	.0010801	10.75645	5.750831	.0017187	.5219240	.0216278
#3	.0014820	10.81801	5.726726	.0013311	.5255626	.0187156

Elem	Sr4077
Units	ppm
Avg	.3318939
Stddev	.0010756
%RSD	.3240876
#1	.3317373
#2	.3330393
#3	.3309052

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3061.149	61865.02	9681.532	2168.290	3387.045
Stddev	17.810	115.21	53.624	3.172	14.558
%RSD	.5818066	.1862204	.5538792	.1463029	.4298158
#1	3058.396	61820.29	9628.449	2167.526	3385.844
#2	3080.176	61778.89	9735.681	2165.570	3402.166
#3	3044.876	61995.88	9680.467	2171.775	3373.124

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: Q1045-03DLX2 Acquired: 1/24/2025 14:18:15 Type: Unk
Method: EPA SFAM01.0(v55) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCQ00 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0619661**	**-.002954**	**7.361340**	**.0265968**	**.0134240**	**34.35029**	**14.50233**
Stddev	.0010947	.002040	.033842	.0013351	.0002138	.16732	.05202
%RSD	1.766530	69.04953	.4597258	5.019708	1.592972	.4870916	.3586840
#1	.0609358	-.001509	7.350851	.0250867	.0136340	34.21615	14.54152
#2	.0618471	-.002066	7.333983	.0270834	.0132065	34.53777	14.44331
#3	.0631154	-.005287	7.399184	.0276203	.0134315	34.29694	14.52215

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0046460**	**.0140970**	**34.29943**	**.1019812**	**.1015626**	**.1593115**	**131.2447**
Stddev	.0000340	.0001568	.19982	.0007000	.0004071	.0021162	.5654
%RSD	.7308997	1.111997	.5825740	.6864008	.4008788	1.328356	.4308180
#1	.0046672	.0142183	34.11958	.1015885	.1017007	.1580621	130.7286
#2	.0046640	.0139200	34.51453	.1027893	.1011043	.1581175	131.8491
#3	.0046069	.0141528	34.26418	.1015656	.1018827	.1617549	131.1563

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**7.225860**	**14.92420**	**.1073539**	**.0038013**	**.3709870**	**.1851258**	**3.227239**
Stddev	.030814	.05863	.0009064	.0004213	.2940522	.0010987	.030007
%RSD	.4264374	.3928290	.8443283	11.08227	79.26213	.5934911	.9297995
#1	7.209449	14.86920	.1073236	.0036999	.2212954	.1847584	3.193115
#2	7.261406	14.98589	.1064630	.0034399	.7097665	.1863611	3.249506
#3	7.206725	14.91753	.1082751	.0042640	.1818990	.1842579	3.239096

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**3.244717**	**1.672682**	**.5259588**	**.0019931**	**4.368094**	**6.322605**	**.0073526**
Stddev	.059488	.007462	.0032498	.0001479	.014988	.018109	.0006613
%RSD	1.833375	.4461373	.6178827	7.421248	.3431266	.2864183	8.994271
#1	3.184898	1.676058	.5229449	.0018433	4.371147	6.314355	.0080803
#2	3.245386	1.664128	.5294019	.0019969	4.351815	6.310089	.0067882
#3	3.303868	1.677859	.5255295	.0021391	4.381321	6.343370	.0071892

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: Q1045-03DLX2 Acquired: 1/24/2025 14:18:15 Type: Unk
Method: EPA SFAM01.0(v55) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCQ00 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8211207	.0141833	.1138846
Stddev	.0018196	.0008412	.0005797
%RSD	.2216036	5.931180	.5089822
#1	.8206138	.0141557	.1136808
#2	.8196084	.0133562	.1145386
#3	.8231401	.0150380	.1134343

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3456.024	70904.57	10529.26	2449.334	3873.226
Stddev	8.628	186.19	40.13	18.791	12.540
%RSD	.2496580	.2625955	.3811087	.7671798	.3237715
#1	3453.188	71019.77	10528.22	2470.428	3870.467
#2	3465.713	70689.76	10569.90	2443.189	3886.917
#3	3449.171	71004.17	10489.66	2434.386	3862.296

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: Q1045-04DLX2 Acquired: 1/24/2025 14:22:21 Type: Unk
Method: EPA SFAM01.0(v55) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCQ01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0447038**	**-.002299**	**.8987979**	**.0189022**	**.0111200**	**31.58163**	**17.78352**
Stddev	.0021076	.001471	.0012745	.0008820	.0013470	.20829	.16263
%RSD	4.714645	64.01064	.1417985	4.666033	12.11365	.6595433	.9144923
#1	.0470054	-.001069	.8974543	.0182039	.0118730	31.35229	17.59649
#2	.0442378	-.003928	.8989496	.0198934	.0095648	31.75906	17.89168
#3	.0428682	-.001898	.8999897	.0186094	.0119221	31.63354	17.86238

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0029684**	**.0034133**	**25.71998**	**.0783118**	**.0681268**	**.0863642**	**94.73456**
Stddev	.0001004	.0000288	.15377	.0005546	.0003405	.0020026	.58463
%RSD	3.382187	.8440288	.5978453	.7081359	.4997372	2.318829	.6171260
#1	.0029992	.0033981	25.54664	.0779095	.0681253	.0863948	94.08463
#2	.0028562	.0033954	25.83996	.0780815	.0677871	.0883513	95.21760
#3	.0030498	.0034466	25.77332	.0789444	.0684680	.0843464	94.90144

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**4.445895**	**10.19748**	**.0654378**	**.0032146**	**.3954670**	**.1364268**	**.8777889**
Stddev	.026694	.04604	.0006010	.0003202	.4229258	.0023403	.0083026
%RSD	.6004165	.4514667	.9184886	9.961788	106.9434	1.715416	.9458564
#1	4.415678	10.14732	.0652415	.0034149	.8459640	.1380686	.8690313
#2	4.466274	10.23781	.0649594	.0028453	.0069531	.1337471	.8855458
#3	4.455733	10.20730	.0661124	.0033837	.3334839	.1374647	.8787896

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.970557**	**1.937115**	**.3811823**	**.0032900**	**4.786647**	**6.425309**	**.0059362**
Stddev	.083260	.005085	.0035548	.0002876	.005527	.017948	.0008977
%RSD	2.802828	.2624992	.9325714	8.741208	.1154724	.2793358	15.12216
#1	2.874623	1.932432	.3770815	.0029624	4.791639	6.407201	.0049689
#2	3.013070	1.936389	.3830753	.0034063	4.780707	6.443093	.0060971
#3	3.023977	1.942523	.3833899	.0035012	4.787595	6.425632	.0067425

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: Q1045-04DLX2 Acquired: 1/24/2025 14:22:21 Type: Unk
Method: EPA SFAM01.0(v55) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCQ01 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8471996	.0159923	.1421892
Stddev	.0030243	.0005085	.0008765
%RSD	.3569817	3.179476	.6164382
#1	.8437699	.0154083	.1411847
#2	.8483444	.0163372	.1427987
#3	.8494844	.0162313	.1425841

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3368.994	67468.41	10541.18	2352.883	3867.516
Stddev	4.786	118.22	29.51	12.759	1.464
%RSD	.1420743	.1752296	.2799723	.5422708	.0378573
#1	3366.876	67598.59	10508.05	2367.601	3869.038
#2	3365.631	67367.72	10564.64	2344.949	3866.117
#3	3374.473	67438.93	10550.87	2346.100	3867.393

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: Q1045-05DLX2 Acquired: 1/24/2025 14:26:27 Type: Unk
Method: EPA SFAM01.0(v55) 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	**.0190890**	**-.002517**	**.3615007**	**-.008920**	**.0053190**	**1.706860**
Stddev	.0015508	.001478	.0047196	.005135	.0026575	.019540
%RSD	8.124173	58.74820	1.305551	57.56120	49.96285	1.144814
#1	.0181236	-.003398	.3615523	-.013615	.0023342	1.727110
#2	.0208779	-.000810	.3661943	-.003437	.0074285	1.688116
#3	.0182656	-.003342	.3567556	-.009710	.0061942	1.705353

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**11.97059**	**.0003858**	**.0114738**	F **1029.106**	**.0305123**	**.0125689**
Stddev	.13407	.0000356	.0000867	6.026	.0000764	.0001149
%RSD	1.119997	9.238942	.7560469	.5855599	.2502736	.9139927
#1	11.82512	.0003479	.0113869	1027.343	.0305095	.0124503
#2	11.99744	.0003909	.0115604	1024.159	.0305901	.0126797
#3	12.08920	.0004186	.0114742	1035.817	.0304374	.0125767

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0742833**	**23.81369**	**.8585918**	**582.7631**	**.0362985**	**.0001660**
Stddev	.0011496	.06477	.0041993	2.2958	.0002864	.0007560
%RSD	1.547523	.2719733	.4890890	.3939570	.7890757	455.3835
#1	.0748649	23.79351	.8582584	581.8275	.0361154	.0005473
#2	.0750259	23.76142	.8545692	581.0829	.0361515	.0006555
#3	.0729592	23.88615	.8629479	585.3790	.0366286	-.000705

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.914979**	**.0546666**	**4.713886**	**-.254451**	**.4541823**	**.1077276**
Stddev	.353178	.0011086	.008035	.006446	.0003906	.0014400
%RSD	38.59958	2.027968	.1704538	2.533170	.0859998	1.336692
#1	-1.29706	.0544568	4.711152	-.250653	.4546331	.1067883
#2	-.60046	.0558651	4.722931	-.250806	.4539452	.1070090
#3	-.84743	.0536779	4.707574	-.261893	.4539685	.1093854

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: Q1045-05DLX2 Acquired: 1/24/2025 14:26:27 Type: Unk
Method: EPA SFAM01.0(v55) 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	.0029514	F 19.38843	.9761523	-.004196	.0198859	.0269563
Stddev	.0005543	.02605	.0045979	.000407	.0014485	.0007045
%RSD	18.78091	.1343813	.4710249	9.691113	7.283882	2.613459
#1	.0025182	19.41851	.9720863	-.004396	.0183656	.0261757
#2	.0035760	19.37258	.9752287	-.003728	.0212499	.0271482
#3	.0027598	19.37422	.9811420	-.004464	.0200422	.0275449

Elem	Sr4077
Units	ppm
Avg	.4250500
Stddev	.0006462
%RSD	.1520211
#1	.4253339
#2	.4243105
#3	.4255056

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2759.009	56657.06	9199.988	1905.582	3080.319
Stddev	11.188	171.83	18.668	1.611	9.075
%RSD	.4054927	.3032830	.2029159	.0845165	.2946201
#1	2746.987	56672.18	9210.000	1904.325	3074.404
#2	2760.925	56820.84	9211.515	1907.398	3075.785
#3	2769.114	56478.17	9178.450	1905.024	3090.768

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: CCV014 Acquired: 1/24/2025 14:30:45 Type: Unk
Method: EPA SFAM01.0(v55) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV014 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**4.795527**	**4.903983**	**24.30697**	**4.828828**	**4.883459**	**396.3679**
Stddev	.013337	.020518	.02938	.006178	.014419	2.4117
%RSD	.2781044	.4183909	.1208755	.1279475	.2952580	.6084431
#1	4.793347	4.924730	24.29914	4.835100	4.893747	394.2697
#2	4.783415	4.883703	24.28230	4.822747	4.866978	399.0026
#3	4.809819	4.903516	24.33948	4.828637	4.889651	395.8314

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**9.754595**	**.4909105**	**2.453180**	**391.1941**	**15.45378**	**2.454630**
Stddev	.125614	.0026574	.002112	2.5189	.02250	.003899
%RSD	1.287738	.5413258	.0860729	.6438965	.1456040	.1588280
#1	9.609940	.4920691	2.453983	394.0739	15.43112	2.451976
#2	9.817706	.4927920	2.450785	390.1076	15.47612	2.452808
#3	9.836140	.4878705	2.454773	389.4008	15.45411	2.459106

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**14.23948**	**401.9973**	**14.48294**	**391.9465**	**2.452165**	**1.264049**
Stddev	.03978	1.7277	.04501	1.4210	.002803	.003185
%RSD	.2793300	.4297813	.3107715	.3625525	.1143209	.2519751
#1	14.27227	400.0088	14.44304	390.3057	2.453691	1.262094
#2	14.25094	403.1305	14.47406	392.7552	2.448930	1.267724
#3	14.19523	402.8526	14.53173	392.7786	2.453875	1.262328

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**368.6671**	**2.413424**	**14.87305**	**152.0711**	**4.921743**	F **5.859397**
Stddev	1.6085	.009068	.04663	.7476	.010727	.022051
%RSD	.4363028	.3757139	.3135183	.4916072	.2179452	.3763276
#1	370.3514	2.402971	14.85440	151.2080	4.917779	5.867237
#2	368.5029	2.419174	14.83864	152.4904	4.913563	5.876456
#3	367.1469	2.418127	14.92612	152.5150	4.933888	5.834498

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: CCV014 Acquired: 1/24/2025 14:30:45 Type: Unk
Method: EPA SFAM01.0(v55) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV014 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**4.820248**	**4.931645**	**4.779837**	**4.941196**	**4.803072**	**4.852992**
Stddev	.007774	.021784	.023357	.005132	.014680	.014586
%RSD	.1612873	.4417094	.4886513	.1038546	.3056431	.3005666
#1	4.823054	4.936738	4.778318	4.940929	4.812674	4.838055
#2	4.811460	4.907766	4.803916	4.936203	4.810370	4.853719
#3	4.826229	4.950430	4.757277	4.946456	4.786173	4.867201

Elem	Sr4077
Units	ppm
Avg	**4.903969**
Stddev	.013892
%RSD	.2832796
#1	4.907038
#2	4.916070
#3	4.888800

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**2661.272**	**56981.34**	**9311.265**	**1937.989**	**3105.353**
Stddev	6.323	128.00	57.570	2.744	4.775
%RSD	.2375946	.2246343	.6182785	.1415830	.1537722
#1	2659.348	57096.97	9284.016	1941.158	3104.425
#2	2668.334	56843.80	9272.378	1936.371	3110.524
#3	2656.135	57003.26	9377.400	1936.440	3101.109

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: CCB014 Acquired: 1/24/2025 14:35:04 Type: Unk
Method: EPA SFAM01.0(v55) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB014 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0008825**	**.0007542**	**-.000785**	**-.001957**	**.0008117**	**.0061884**	**-.000214**
Stddev	.0013514	.0010129	.000952	.001886	.0010700	.0060767	.000861
%RSD	153.1248	134.2932	121.2627	96.36510	131.8229	98.19454	403.0722
#1	.0012899	.0019044	-.000829	-.000015	.0019214	.0040724	.000414
#2	.0019834	.0003628	-.001715	-.002075	-.000214	.0014526	.000140
#3	-.000626	-.000005	.000188	-.003780	.000727	.0130402	-.001195

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000010**	**-.000003**	**.1062897**	**.0001975**	**.0000678**	**-.002222**	**.0079960**
Stddev	.000086	.000044	.0055930	.0002912	.0001745	.001900	.0095238
%RSD	852.9495	1405.682	5.262086	147.4911	257.4039	85.49281	119.1072
#1	.000063	.000019	.1127200	.0005083	-.000133	-.001145	.0011617
#2	-.000105	-.000054	.1025547	-.000069	.000185	-.004415	.0039518
#3	.000012	.000025	.1035943	.000153	.000151	-.001106	.0188745

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000195**	**-.010912**	**.0000861**	**.0000410**	**.0516453**	**.0010076**	**.0055202**
Stddev	.000302	.007783	.0001899	.0001123	.3696146	.0007688	.0010552
%RSD	154.8494	71.32395	220.5088	273.9530	715.6788	76.29680	19.11529
#1	-.000181	-.016223	.0001500	-.000061	.2666070	.0001237	.0043218
#2	.000099	-.014536	-.000127	.000022	.2634740	.0013789	.0063099
#3	-.000503	-.001978	.000236	.000161	-.375145	.0015202	.0059289

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.187276**	**.0026401**	**-.007415**	**-.000067**	**.0018115**	**.0016302**	**.0002782**
Stddev	.084683	.0014092	.000361	.000242	.0028259	.0024088	.0010882
%RSD	45.21856	53.37849	4.866760	361.7477	156.0010	147.7662	391.1625
#1	-.090806	.0040027	-.007229	-.000326	.0046385	-.000703	-.000245
#2	-.221674	.0011885	-.007186	.000152	.0018091	.001485	.001529
#3	-.249347	.0027290	-.007831	-.000027	-.001013	.004108	-.000450

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: CCB014 Acquired: 1/24/2025 14:35:04 Type: Unk
Method: EPA SFAM01.0(v55) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB014 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	**-.000405**	**-.003740**	**.0001022**
Stddev	.000972	.000056	.0000246
%RSD	239.9917	1.500436	24.03355
#1	-.000285	-.003798	.0000784
#2	-.001431	-.003736	.0001007
#3	.000501	-.003686	.0001274

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**3286.702**	**66906.16**	**9868.178**	**2369.848**	**3989.360**
Stddev	6.180	150.54	67.073	7.829	4.629
%RSD	.1880331	.2250049	.6796881	.3303663	.1160446
#1	3293.380	66742.65	9897.075	2363.878	3994.447
#2	3281.185	66936.82	9791.501	2366.953	3985.394
#3	3285.540	67039.01	9915.960	2378.712	3988.240

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: Q1045-10DLX2 Acquired: 1/24/2025 14:39:14 Type: Unk
Method: EPA SFAM01.0(v55) 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	**.0515802**	**-.001597**	**1.030612**	**.0215023**	**.0133385**	**31.57449**
Stddev	.0040001	.000997	.002197	.0018863	.0010164	.15252
%RSD	7.755171	62.41290	.2131828	8.772557	7.619909	.4830622
#1	.0554684	-.002132	1.028240	.0196338	.0127342	31.47169
#2	.0474768	-.002212	1.031019	.0214671	.0145119	31.74974
#3	.0517953	-.000447	1.032577	.0234059	.0127693	31.50206

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F **21.11644**	**.0040832**	**.0031814**	**16.90257**	**.1152768**	**.0980127**
Stddev	.29200	.0001499	.0001098	.10855	.0002421	.0002003
%RSD	1.382824	3.671536	3.452099	.6422366	.2100520	.2043257
#1	21.09058	.0042340	.0030557	16.87246	.1152288	.0981877
#2	21.42051	.0040815	.0032589	17.02301	.1155394	.0980561
#3	20.83822	.0039341	.0032295	16.81226	.1150623	.0977943

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0491257**	**102.2583**	**7.752820**	**7.119448**	**.0589090**	**.0033622**
Stddev	.0018486	.5782	.048041	.036961	.0003120	.0001565
%RSD	3.762995	.5654462	.6196525	.5191595	.5296329	4.654819
#1	.0493486	102.0887	7.752201	7.095948	.0588926	.0032390
#2	.0508528	102.9023	7.801166	7.162052	.0586055	.0035383
#3	.0471758	101.7838	7.705091	7.100345	.0592289	.0033094

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2545934**	**.1933676**	**.8644028**	**2.338076**	**1.898560**	**.4128843**
Stddev	.5380535	.0039718	.0036996	.053267	.004976	.0025512
%RSD	211.3384	2.054005	.4279913	2.278229	.2620923	.6179000
#1	-.142119	.1979448	.8676520	2.291427	1.897723	.4122252
#2	.867034	.1913273	.8651799	2.396117	1.903902	.4157004
#3	.038865	.1908306	.8603764	2.326684	1.894056	.4107273

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: Q1045-10DLX2 Acquired: 1/24/2025 14:39:14 Type: Unk
Method: EPA SFAM01.0(v55) 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	.0032434	5.242000	6.334293	.0058777	.7454509	.0127184
Stddev	.0002472	.012300	.036577	.0005303	.0017941	.0009845
%RSD	7.621433	.2346352	.5774383	9.022381	.2406720	7.740770
#1	.0029619	5.254782	6.376524	.0064887	.7474417	.0122989
#2	.0034251	5.240970	6.313715	.0055373	.7449518	.0138432
#3	.0033433	5.230248	6.312641	.0056071	.7439592	.0120132

Elem	Sr4077
Units	ppm
Avg	.2012369
Stddev	.0010969
%RSD	.5450676
#1	.2010333
#2	.2024213
#3	.2002561

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3447.374	68514.03	10381.57	2440.302	3974.217
Stddev	6.903	283.58	59.33	3.884	6.258
%RSD	.2002254	.4139036	.5715413	.1591794	.1574557
#1	3454.326	68500.68	10314.68	2438.251	3981.422
#2	3447.273	68237.36	10427.86	2437.872	3970.143
#3	3440.522	68804.05	10402.18	2444.782	3971.085

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: Q1045-11DLX2 Acquired: 1/24/2025 14:43:20 Type: Unk
Method: EPA SFAM01.0(v55) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCQ06 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0442266**	**-.002856**	**.6429420**	**.0182872**	**.0463088**	**35.71839**	**17.93404**
Stddev	.0003559	.001530	.0018966	.0019904	.0013661	.31118	.12791
%RSD	.8048171	53.59013	.2949949	10.88409	2.949884	.8712113	.7132108
#1	.0445061	-.002451	.6418638	.0202537	.0473302	36.04491	18.08173
#2	.0438259	-.001569	.6418302	.0183342	.0447572	35.68503	17.86049
#3	.0443478	-.004548	.6451320	.0162737	.0468391	35.42524	17.85990

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0027873**	**.0022368**	**7.676545**	**.1179363**	**.0556305**	**.0397085**	**91.90259**
Stddev	.0000747	.0000120	.078016	.0002936	.0002920	.0024397	.71691
%RSD	2.680535	.5383260	1.016292	.2489780	.5249283	6.143971	.7800775
#1	.0028452	.0022507	7.739700	.1179692	.0553970	.0419736	92.62571
#2	.0027030	.0022304	7.700601	.1182121	.0555365	.0371254	91.89001
#3	.0028139	.0022293	7.589334	.1176276	.0559579	.0400264	91.19205

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**4.083105**	**6.379619**	**.0469040**	**.0025048**	**.2214676**	**.1615912**	**.5085854**
Stddev	.040720	.068564	.0004081	.0003083	.3703436	.0035695	.0069777
%RSD	.9972826	1.074735	.8700520	12.30802	167.2225	2.208972	1.371978
#1	4.122363	6.422623	.0464711	.0021513	-.115318	.1645980	.5129895
#2	4.085885	6.415686	.0469595	.0027178	.618084	.1576463	.5122264
#3	4.041066	6.300550	.0472816	.0026454	.161637	.1625292	.5005403

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.866522**	**1.232398**	**.3651372**	**.0035102**	**4.154307**	**5.954377**	**.0046141**
Stddev	.038379	.004601	.0028945	.0000402	.013806	.171520	.0004923
%RSD	2.056196	.3733641	.7927170	1.143696	.3323231	2.880574	10.67024
#1	1.905537	1.230719	.3671876	.0034651	4.151246	6.113607	.0044409
#2	1.865218	1.228871	.3663978	.0035233	4.142288	5.772765	.0051697
#3	1.828811	1.237603	.3618261	.0035421	4.169386	5.976760	.0042318

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: Q1045-11DLX2 Acquired: 1/24/2025 14:43:20 Type: Unk
Method: EPA SFAM01.0(v55) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCQ06 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6995391	.0162817	.1528711
Stddev	.0213936	.0008345	.0017686
%RSD	3.058237	5.125373	1.156909
#1	.7161418	.0172075	.1546467
#2	.6753964	.0160499	.1528569
#3	.7070791	.0155875	.1511096

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3419.231	68146.17	10420.35	2417.821	3967.037
Stddev	5.304	365.04	281.65	17.110	5.109
%RSD	.1551115	.5356729	2.702931	.7076776	.1287900
#1	3421.055	67921.79	10200.21	2408.438	3964.025
#2	3423.383	67949.35	10737.74	2407.454	3972.936
#3	3413.257	68567.39	10323.11	2437.570	3964.149

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: Q1045-13DLX2 Acquired: 1/24/2025 14:47:28 Type: Unk
Method: EPA SFAM01.0(v55) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCQ08 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0470816**	**-.003844**	**.6524399**	**.0191385**	**.0109256**	**36.89588**	**14.61938**
Stddev	.0012664	.000561	.0025238	.0022186	.0003550	.21965	.07874
%RSD	2.689784	14.58652	.3868232	11.59235	3.249271	.5953135	.5386107
#1	.0456411	-.003198	.6539261	.0175782	.0111552	36.97391	14.63596
#2	.0480200	-.004123	.6538678	.0181589	.0111049	36.64787	14.53367
#3	.0475837	-.004210	.6495259	.0216783	.0105167	37.06586	14.68851

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0042177**	**.0029300**	**15.55881**	**.0992494**	**.1301949**	**.0724561**	**97.94050**
Stddev	.0001163	.0000442	.04791	.0001125	.0004211	.0017353	.42977
%RSD	2.756980	1.510173	.3079393	.1133919	.3234566	2.394944	.4388106
#1	.0042672	.0029718	15.56557	.0991284	.1306457	.0722461	97.92254
#2	.0043010	.0029345	15.50788	.0993509	.1301275	.0742869	97.51999
#3	.0040848	.0028836	15.60299	.0992689	.1298116	.0708354	98.37897

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**9.620560**	**7.479181**	**.0689722**	**.0035438**	**.0832933**	**.1799854**	**.5331315**
Stddev	.024250	.028524	.0007023	.0000361	.3949197	.0012848	.0023667
%RSD	.2520633	.3813735	1.018185	1.018295	474.1312	.7138619	.4439233
#1	9.638185	7.496553	.0681670	.0035792	.5360672	.1814368	.5348622
#2	9.592904	7.446262	.0694576	.0035070	-.096099	.1795264	.5304345
#3	9.630589	7.494729	.0692922	.0035451	-.190088	.1789931	.5340977

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.528820**	**1.878053**	**.3934310**	**.0039714**	**4.190560**	**6.491252**	**.0050298**
Stddev	.014892	.004529	.0021425	.0003020	.006409	.029927	.0007583
%RSD	.5888779	.2411371	.5445591	7.604822	.1529309	.4610306	15.07515
#1	2.537528	1.881785	.3937492	.0037138	4.186092	6.501141	.0041586
#2	2.511625	1.873015	.3911472	.0038966	4.187685	6.514983	.0055404
#3	2.537307	1.879358	.3953965	.0043038	4.197902	6.457633	.0053906

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: Q1045-13DLX2 Acquired: 1/24/2025 14:47:28 Type: Unk
Method: EPA SFAM01.0(v55) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCQ08 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7836106	.0175455	.1632429
Stddev	.0040064	.0003010	.0009159
%RSD	.5112771	1.715759	.5610810
#1	.7846051	.0177115	.1638713
#2	.7870262	.0171980	.1621920
#3	.7792007	.0177270	.1636654

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3541.167	69866.33	10487.70	2437.729	4065.869
Stddev	2.617	35.97	77.38	2.740	5.887
%RSD	.0739068	.0514802	.7378603	.1124151	.1447867
#1	3544.181	69883.05	10503.02	2437.224	4059.165
#2	3539.464	69825.04	10403.80	2440.686	4070.193
#3	3539.858	69890.89	10556.28	2435.276	4068.249

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: Q1045-16DLX2 Acquired: 1/24/2025 14:51:34 Type: Unk
Method: EPA SFAM01.0(v55) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCQ11 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0380643	-.002679	.6781167	.0136309	.0087652	26.72425	17.11210
Stddev	.0012813	.000050	.0036542	.0001899	.0017874	.25022	.21532
%RSD	3.366000	1.868233	.5388705	1.393238	20.39142	.9362894	1.258287
#1	.0366568	-.002649	.6797661	.0138373	.0095609	26.98125	17.17067
#2	.0383735	-.002737	.6739286	.0134635	.0100166	26.71008	17.29209
#3	.0391627	-.002651	.6806554	.0135918	.0067182	26.48142	16.87356

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0039989	.0027830	12.25593	.0672712	.1135392	.0752583	70.80068
Stddev	.0000668	.0000657	.09646	.0001117	.0007831	.0023216	.56089
%RSD	1.670649	2.359551	.7870368	.1660496	.6897480	3.084788	.7922122
#1	.0040760	.0028177	12.34243	.0673797	.1135792	.0777944	71.40036
#2	.0039598	.0027073	12.27346	.0672772	.1127369	.0732381	70.71272
#3	.0039609	.0028240	12.15192	.0671566	.1143017	.0747423	70.28897

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.380630	5.098006	.0492546	.0031818	-.214197	.1312407	.4630960
Stddev	.086064	.037756	.0005923	.0001781	.056062	.0036366	.0020262
%RSD	1.026935	.7406107	1.202545	5.598804	26.17318	2.770955	.4375309
#1	8.459114	5.141596	.0495678	.0032655	-.278464	.1353977	.4629779
#2	8.394182	5.076931	.0485714	.0029772	-.188791	.1286478	.4651786
#3	8.288595	5.075492	.0496244	.0033026	-.175335	.1296766	.4611314

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.993229	1.707534	.2802242	.0029523	4.385952	5.890481	.0049916
Stddev	.030176	.006659	.0012211	.0000427	.021290	.246179	.0020577
%RSD	1.513912	.3899621	.4357571	1.444716	.4854113	4.179276	41.22446
#1	2.003505	1.706372	.2813603	.0029865	4.390927	6.173652	.0067530
#2	1.959257	1.701533	.2803795	.0029660	4.362615	5.770463	.0054919
#3	2.016925	1.714698	.2789329	.0029045	4.404314	5.727328	.0027298

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: Q1045-16DLX2 Acquired: 1/24/2025 14:51:34 Type: Unk
Method: EPA SFAM01.0(v55) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCQ11 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6687407	.0106989	.1599296
Stddev	.0277040	.0007649	.0020061
%RSD	4.142711	7.148909	1.254392
#1	.7007241	.0099826	.1618254
#2	.6533046	.0106096	.1601347
#3	.6521934	.0115045	.1578288

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3359.669	68626.54	10152.81	2401.531	3878.137
Stddev	13.528	107.43	322.34	8.914	16.528
%RSD	.4026577	.1565388	3.174911	.3711765	.4261933
#1	3365.102	68750.16	9783.73	2411.398	3878.193
#2	3369.636	68573.67	10379.09	2394.060	3894.637
#3	3344.269	68555.80	10295.60	2399.135	3861.580

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: Q1045-18DLX2 Acquired: 1/24/2025 14:55:41 Type: Unk
Method: EPA SFAM01.0(v55) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCQ13 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0376893**	**-.000751**	**.6752176**	**.0150732**	**.0104125**	**29.07389**	**18.71342**
Stddev	.0024206	.001497	.0026724	.0034541	.0007119	.18380	.05418
%RSD	6.422624	199.2588	.3957808	22.91512	6.837188	.6321863	.2895162
#1	.0388818	.000299	.6748959	.0179770	.0109607	29.27462	18.67491
#2	.0392824	-.000087	.6727206	.0112535	.0096079	28.91383	18.77537
#3	.0349038	-.002465	.6780363	.0159891	.0106689	29.03322	18.68997

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0030983**	**.0022763**	**11.73129**	**.0684832**	**.0912920**	**.0572679**	**74.11077**
Stddev	.0000296	.0000545	.07292	.0003705	.0003649	.0025787	.48564
%RSD	.9567092	2.393313	.6215554	.5410174	.3996656	4.502931	.6552891
#1	.0030989	.0022390	11.81346	.0687510	.0909273	.0569082	74.64546
#2	.0030683	.0022510	11.70614	.0680604	.0912916	.0548879	73.69706
#3	.0031276	.0023388	11.67428	.0686382	.0916570	.0600076	73.98979

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**7.348714**	**5.647236**	**.0466639**	**.0031191**	**.0143942**	**.1311545**	**.5712938**
Stddev	.033853	.020266	.0001849	.0002757	.0690656	.0002121	.0055295
%RSD	.4606712	.3588625	.3962895	8.839451	479.8145	.1617092	.9678854
#1	7.387722	5.662629	.0466471	.0032974	.0900275	.1310071	.5775712
#2	7.331416	5.624275	.0464880	.0028016	-.045326	.1310589	.5671451
#3	7.327005	5.654805	.0468567	.0032584	-.001519	.1313976	.5691650

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.017654**	**1.581615**	**.2956351**	**.0029173**	**4.599330**	**5.597399**	**.0050491**
Stddev	.045043	.008191	.0028145	.0000456	.016869	.016660	.0003529
%RSD	2.232457	.5179066	.9520252	1.561214	.3667741	.2976360	6.988738
#1	2.039164	1.582115	.2986390	.0029673	4.596620	5.590986	.0048378
#2	1.965889	1.573185	.2930589	.0029065	4.583979	5.616312	.0054565
#3	2.047911	1.589545	.2952073	.0028781	4.617389	5.584898	.0048531

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: Q1045-18DLX2 Acquired: 1/24/2025 14:55:41 Type: Unk
Method: EPA SFAM01.0(v55) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCQ13 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6812542	.0135371	.1713069
Stddev	.0012319	.0011047	.0010855
%RSD	.1808347	8.160686	.6336823
#1	.6826536	.0129303	.1725385
#2	.6803335	.0128688	.1708931
#3	.6807755	.0148122	.1704892

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3373.847	67959.60	10389.86	2380.810	3920.181
Stddev	4.538	312.80	12.11	14.584	10.828
%RSD	.1344973	.4602669	.1165207	.6125582	.2762115
#1	3377.502	67623.65	10403.40	2364.153	3918.824
#2	3375.269	68242.44	10380.07	2391.285	3931.624
#3	3368.768	68012.70	10386.11	2386.992	3910.095

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: Q1045-20DLX2 Acquired: 1/24/2025 14:59:48 Type: Unk
Method: EPA SFAM01.0(v55) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCQ15 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0362134**	**-.002784**	**1.052426**	**.0155865**	**.0087905**	**26.00579**	**19.97553**
Stddev	.0032960	.001054	.003172	.0015026	.0009640	.17702	.07645
%RSD	9.101615	37.87423	.3014207	9.640464	10.96625	.6806819	.3827010
#1	.0324086	-.001824	1.055085	.0161889	.0093541	25.81206	19.91763
#2	.0380379	-.003912	1.048915	.0138762	.0076775	26.15911	19.94677
#3	.0381938	-.002616	1.053278	.0166945	.0093401	26.04621	20.06218

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0034782**	**.0061160**	**39.45274**	**.0699122**	**.0768520**	**.1856163**	**66.59161**
Stddev	.0000570	.0000898	.23011	.0001966	.0003293	.0010343	.37848
%RSD	1.638022	1.468603	.5832528	.2812724	.4284773	.5572159	.5683621
#1	.0034744	.0061115	39.22277	.0698506	.0764723	.1863500	66.19932
#2	.0035370	.0062080	39.68299	.0697537	.0770245	.1860656	66.95458
#3	.0034233	.0060285	39.45245	.0701322	.0770591	.1844334	66.62093

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**8.973120**	**7.954463**	**.0587736**	**.0026691**	**.0576491**	**.1145727**	**.8517213**
Stddev	.065802	.035891	.0005141	.0003079	.1244684	.0013514	.0097609
%RSD	.7333249	.4512073	.8746468	11.53520	215.9068	1.179505	1.146018
#1	8.908496	7.923674	.0589144	.0029739	.0918030	.1131724	.8410299
#2	9.040040	7.993883	.0582038	.0026753	.1614751	.1146766	.8601565
#3	8.970823	7.945833	.0592026	.0023582	-.080331	.1158692	.8539776

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**3.083384**	**3.113937**	**.2694131**	**.0029941**	**6.668561**	**5.925905**	**.0045061**
Stddev	.070465	.007662	.0019546	.0002115	.008049	.011495	.0009778
%RSD	2.285302	.2460419	.7255187	7.065696	.1207015	.1939838	21.69851
#1	3.016932	3.121938	.2673147	.0028089	6.664934	5.936553	.0033793
#2	3.075948	3.106668	.2711821	.0032246	6.662964	5.913718	.0051301
#3	3.157272	3.113205	.2697427	.0029487	6.677785	5.927444	.0050089

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: Q1045-20DLX2 Acquired: 1/24/2025 14:59:48 Type: Unk
Method: EPA SFAM01.0(v55) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCQ15 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6124619	.0107835	.2798191
Stddev	.0020386	.0008037	.0025405
%RSD	.3328482	7.452700	.9079189
#1	.6145409	.0102916	.2775764
#2	.6123784	.0117110	.2825781
#3	.6104664	.0103480	.2793026

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3344.289	67102.74	10078.59	2339.472	3926.879
Stddev	4.132	320.02	51.52	17.935	3.029
%RSD	.1235480	.4769127	.5111912	.7666173	.0771277
#1	3343.964	67467.45	10043.41	2360.159	3924.072
#2	3348.574	66971.88	10137.73	2329.956	3926.477
#3	3340.329	66868.88	10054.63	2328.301	3930.089

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: Q1045-22DLX2 Acquired: 1/24/2025 15:03:55 Type: Unk
Method: EPA SFAM01.0(v55) 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	.0392791	-.003805	2.246292	.0099932	.0119972	10.61287
Stddev	.0020338	.001861	.013461	.0016896	.0007400	.01766
%RSD	5.177697	48.89916	.5992591	16.90764	6.167951	.1663609
#1	.0391603	-.005516	2.252268	.0089624	.0112130	10.59262
#2	.0373074	-.004075	2.230877	.0090741	.0126831	10.62101
#3	.0413697	-.001824	2.255730	.0119431	.0120955	10.62500

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 24.98295	.0016822	.0062024	391.3497	.0989562	.0238858
Stddev	.07463	.0001012	.0000245	1.2104	.0007395	.0001120
%RSD	.2987251	6.014248	.3956049	.3092793	.7473393	.4686714
#1	24.89939	.0015997	.0062170	390.8281	.0988984	.0238492
#2	25.00648	.0016517	.0061741	390.4875	.0982473	.0237967
#3	25.04298	.0017951	.0062162	392.7334	.0997230	.0240114

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0593663	77.91611	3.471597	156.9085	.0387304	.0014805
Stddev	.0019974	.29918	.019409	.7264	.0002067	.0002017
%RSD	3.364535	.3839827	.5590888	.4629667	.5336012	13.62245
#1	.0605918	77.59779	3.450112	156.1809	.0387527	.0012527
#2	.0604457	77.95902	3.476816	156.9108	.0389250	.0016363
#3	.0570615	78.19153	3.487864	157.6337	.0385135	.0015525

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3677357	.1054645	2.161306	.9692898	2.539542	.3587923
Stddev	.4703702	.0021263	.011210	.0700016	.017005	.0018186
%RSD	127.9098	2.016175	.5186800	7.221949	.6695998	.5068575
#1	.7851276	.1037456	2.149182	.9484659	2.534349	.3566926
#2	-.141935	.1048056	2.163441	.9120629	2.525739	.3598643
#3	.460015	.1078423	2.171295	1.047340	2.558537	.3598202

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: Q1045-22DLX2 Acquired: 1/24/2025 15:03:55 Type: Unk
Method: EPA SFAM01.0(v55) 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	.0030661	7.373911	4.082034	-.001046	.2710590	.0111420
Stddev	.0002143	.055852	.027901	.000592	.0028443	.0015596
%RSD	6.988242	.7574289	.6835113	56.58858	1.049346	13.99710
#1	.0028327	7.389107	4.056673	-.000865	.2712934	.0114587
#2	.0031116	7.312033	4.111922	-.001708	.2737789	.0125190
#3	.0032539	7.420592	4.077507	-.000566	.2681047	.0094485

Elem	Sr4077
Units	ppm
Avg	.3925054
Stddev	.0020705
%RSD	.5274974
#1	.3901542
#2	.3933059
#3	.3940561

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3128.146	61592.76	9681.663	2158.260	3524.975
Stddev	13.632	323.52	20.612	12.276	21.453
%RSD	.4357878	.5252625	.2128992	.5688108	.6086107
#1	3125.981	61692.65	9685.558	2160.141	3519.144
#2	3142.731	61854.56	9659.381	2169.487	3548.741
#3	3115.726	61231.07	9700.050	2145.151	3507.039

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: Q1046-01DLX2 Acquired: 1/24/2025 15:08:10 Type: Unk
Method: EPA SFAM01.0(v55) 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	**.0621817**	**-.002841**	**4.396223**	**.0266805**	**.0207867**	**17.20780**
Stddev	.0038838	.004276	.013189	.0025962	.0009627	.09604
%RSD	6.245909	150.5150	.3000087	9.730823	4.631252	.5580983
#1	.0584715	-.006307	4.381807	.0294182	.0197009	17.21529
#2	.0662186	-.004153	4.399177	.0263696	.0211235	17.29988
#3	.0618551	.001937	4.407684	.0242538	.0215358	17.10824

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F **20.49277**	**.0024554**	**.0096251**	**34.34786**	**.2063702**	**.0429910**
Stddev	.27592	.0001008	.0000232	.13390	.0007445	.0002801
%RSD	1.346433	4.103731	.2415197	.3898310	.3607712	.6515572
#1	20.79790	.0023606	.0096215	34.37662	.2070674	.0432224
#2	20.26081	.0024443	.0096039	34.46504	.2064571	.0430710
#3	20.41960	.0025612	.0096500	34.20192	.2055860	.0426796

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2061868**	**133.4026**	**2.454582**	**15.04185**	**.0633542**	**.0012074**
Stddev	.0062041	.5624	.006076	.08334	.0009243	.0002314
%RSD	3.008979	.4216174	.2475368	.5540295	1.458964	19.16421
#1	.1996729	133.6508	2.448995	15.03909	.0628521	.0011884
#2	.2120259	133.7983	2.461051	15.12654	.0627897	.0014477
#3	.2068615	132.7588	2.453702	14.95994	.0644209	.0009861

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.034494**	**.1704877**	**3.052986**	**1.159203**	**1.982428**	**.5337932**
Stddev	.140237	.0029735	.011020	.032373	.010092	.0038055
%RSD	406.5599	1.744139	.3609681	2.792689	.5090529	.7129186
#1	-.092557	.1674299	3.062348	1.121951	1.973679	.5366191
#2	.125450	.1706642	3.055770	1.180517	1.980138	.5352944
#3	-.136374	.1733691	3.040841	1.175141	1.993468	.5294660

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: Q1046-01DLX2 Acquired: 1/24/2025 15:08:10 Type: Unk
Method: EPA SFAM01.0(v55) 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	**.0046200**	**6.857678**	**5.644853**	**.0053613**	**.4625737**	**.0050809**
Stddev	.0004545	.015922	.107366	.0010571	.0076138	.0002882
%RSD	9.837296	.2321817	1.902020	19.71650	1.645965	5.673099
#1	.0045879	6.851065	5.523176	.0045271	.4537827	.0050022
#2	.0041824	6.846129	5.685109	.0050069	.4670659	.0048401
#3	.0050897	6.875842	5.726273	.0065501	.4668724	.0054003

Elem	Sr4077
Units	ppm
Avg	**.1707663**
Stddev	.0003000
%RSD	.1756836
#1	.1709308
#2	.1709481
#3	.1704200

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**3304.462**	**66739.53**	**9877.580**	**2383.639**	**3844.877**
Stddev	3.989	345.92	155.295	19.760	2.985
%RSD	.1207199	.5183098	1.572194	.8289723	.0776331
#1	3305.002	66379.48	10054.85	2362.558	3844.859
#2	3308.153	66769.79	9812.36	2386.618	3847.870
#3	3300.230	67069.32	9765.53	2401.739	3841.900

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: Q1046-10DLX2 Acquired: 1/24/2025 15:12:15 Type: Unk
Method: EPA SFAM01.0(v55) 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	**.0236471**	**-.004307**	**.9186670**	**-.005434**	**.0100177**	**6.097425**
Stddev	.0014699	.002351	.0357718	.000929	.0012289	.044680
%RSD	6.215957	54.58152	3.893884	17.09218	12.26744	.7327666
#1	.0248896	-.006431	.8786437	-.005126	.0087518	6.072068
#2	.0220245	-.004707	.9298340	-.006478	.0100953	6.149015
#3	.0240273	-.001782	.9475232	-.004699	.0112059	6.071193

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**16.94823**	**.0012286**	**.0162233**	F **1095.770**	**.0314465**	**.0277398**
Stddev	.14615	.0000684	.0006956	3.843	.0001319	.0011255
%RSD	.8623245	5.564896	4.287564	.3506880	.4193226	4.057345
#1	16.88477	.0011497	.0154885	1093.404	.0315681	.0264404
#2	17.11538	.0012645	.0163098	1100.204	.0314652	.0284121
#3	16.84454	.0012715	.0168716	1093.701	.0313063	.0283668

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0552829**	**43.33324**	**3.028317**	**604.6813**	**.0288321**	**.0002179**
Stddev	.0008988	.28892	.018632	4.1551	.0009633	.0003185
%RSD	1.625783	.6667410	.6152515	.6871605	3.341197	146.1851
#1	.0542566	43.04479	3.013449	600.3593	.0277803	.0005081
#2	.0556623	43.62262	3.049218	608.6466	.0290444	-.000123
#3	.0559298	43.33232	3.022284	605.0381	.0296716	.000268

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.382373**	**.0706776**	**5.151817**	**.4510689**	**.9889880**	**.1925807**
Stddev	.263538	.0025590	.010041	.0223579	.0398669	.0017231
%RSD	68.92165	3.620663	.1948956	4.956657	4.031085	.8947658
#1	-.239788	.0681040	5.144209	.4329783	.9468808	.1909041
#2	-.220847	.0732218	5.148044	.4760649	.9939292	.1943469
#3	-.686483	.0707069	5.163198	.4441636	1.026154	.1924911

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: Q1046-10DLX2 Acquired: 1/24/2025 15:12:15 Type: Unk
Method: EPA SFAM01.0(v55) 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	.0046280	F 11.33499	3.051480	-.001779	.1492568	.0284556
Stddev	.0001267	.43439	.006942	.000290	.0018140	.0008065
%RSD	2.737912	3.832333	.2275071	16.31936	1.215351	2.834149
#1	.0046329	10.85616	3.052885	-.002110	.1512003	.0275552
#2	.0047522	11.44504	3.043943	-.001661	.1476085	.0291116
#3	.0044989	11.70378	3.057612	-.001567	.1489615	.0287001

Elem	Sr4077
Units	ppm
Avg	.5139716
Stddev	.0043184
%RSD	.8402119
#1	.5110018
#2	.5189256
#3	.5119875

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2829.996	56601.59	8885.337	1937.479	3117.107
Stddev	94.718	250.95	52.753	9.742	109.157
%RSD	3.346925	.4433649	.5937100	.5028350	3.501882
#1	2936.725	56887.97	8856.438	1939.983	3240.129
#2	2797.320	56496.69	8946.225	1945.726	3079.360
#3	2755.942	56420.10	8853.349	1926.730	3031.834

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: Q1046-11DLX2 Acquired: 1/24/2025 15:16:31 Type: Unk
Method: EPA SFAM01.0(v55) 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	.0265792	-.003662	.9535520	-.005287	.0072157	6.472617
Stddev	.0025413	.001208	.0041689	.004552	.0002893	.053337
%RSD	9.561122	32.98848	.4371985	86.09852	4.008632	.8240358
#1	.0239372	-.005009	.9490355	-.003594	.0073976	6.506294
#2	.0267942	-.002674	.9572527	-.010443	.0073672	6.411123
#3	.0290061	-.003303	.9543678	-.001824	.0068821	6.500436

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 21.47809	.0008907	.0112414	F 1088.985	.0376022	.0147250
Stddev	.17384	.0000572	.0001624	3.271	.0000539	.0003414
%RSD	.8093746	6.418329	1.444713	.3003287	.1434754	2.318836
#1	21.63504	.0008448	.0111392	1085.218	.0375690	.0150820
#2	21.29124	.0009547	.0111563	1090.624	.0375732	.0146916
#3	21.50797	.0008725	.0114286	1091.111	.0376645	.0144015

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0483664	39.11390	1.517682	520.7445	.0349099	.0004297
Stddev	.0021220	.32889	.013779	4.1661	.0006490	.0002065
%RSD	4.387261	.8408601	.9078793	.8000262	1.858916	48.06050
#1	.0467130	39.38892	1.531714	523.8435	.0341625	.0002210
#2	.0476271	38.74958	1.504172	516.0085	.0353303	.0006339
#3	.0507591	39.20322	1.517159	522.3814	.0352369	.0004343

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.345516	.0635254	2.222856	.1339093	1.136692	.1737082
Stddev	.202024	.0004845	.016029	.0289647	.001901	.0023623
%RSD	58.47026	.7626735	.7211117	21.63007	.1672091	1.359902
#1	-.321593	.0639739	2.231830	.1508501	1.136341	.1732603
#2	-.558437	.0630115	2.204350	.1004647	1.134992	.1716020
#3	-.156519	.0635908	2.232389	.1504131	1.138744	.1762624

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: Q1046-11DLX2 Acquired: 1/24/2025 15:16:31 Type: Unk
Method: EPA SFAM01.0(v55) 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	.0117469	7.817725	3.250662	.0040056	.1301125	.0293352
Stddev	.0004308	.043595	.005859	.0010434	.0011548	.0004120
%RSD	3.667767	.5576450	.1802367	26.04798	.8875001	1.404272
#1	.0120114	7.793034	3.246006	.0028642	.1299856	.0292226
#2	.0112497	7.792079	3.248740	.0049103	.1290264	.0297917
#3	.0119795	7.868061	3.257241	.0042422	.1313254	.0289912

Elem	Sr4077
Units	ppm
Avg	.6231101
Stddev	.0064435
%RSD	1.034083
#1	.6295306
#2	.6166439
#3	.6231557

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2790.458	58082.99	9155.526	1954.011	3077.702
Stddev	10.087	309.01	39.012	12.965	10.004
%RSD	.3614676	.5320088	.4261012	.6635200	.3250513
#1	2797.940	57804.51	9200.420	1952.895	3084.838
#2	2794.446	58415.42	9129.863	1967.499	3082.001
#3	2778.987	58029.02	9136.296	1941.641	3066.267

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: Q1047-07DLX2 Acquired: 1/24/2025 15:20:48 Type: Unk
Method: EPA SFAM01.0(v55) 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	.0324572	-.002815	4.357772	.0031771	.0115546	9.367333
Stddev	.0022929	.002007	.002018	.0043621	.0005044	.032127
%RSD	7.064389	71.30141	.0463080	137.2974	4.365587	.3429661
#1	.0298400	-.002483	4.356858	.0070572	.0116002	9.353885
#2	.0341124	-.000995	4.356371	-.001544	.0110289	9.403999
#3	.0334191	-.004968	4.360085	.004019	.0120346	9.344116

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.78208	.0026652	.0509250	557.3576	.0519588	.0541005
Stddev	.20890	.0000759	.0001636	1.6006	.0004789	.0002386
%RSD	1.323653	2.849273	.3212619	.2871712	.9217547	.4409322
#1	15.89942	.0027483	.0507368	556.8992	.0514528	.0539501
#2	15.54089	.0025993	.0510057	559.1373	.0524050	.0539759
#3	15.90593	.0026481	.0510327	556.0362	.0520187	.0543756

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1097486	84.06782	6.720455	251.9758	.0657736	.0044951
Stddev	.0005428	.17967	.029192	1.0027	.0007697	.0003122
%RSD	.4946274	.2137167	.4343762	.3979271	1.170185	6.944402
#1	.1092319	83.86078	6.686957	250.8241	.0649377	.0046252
#2	.1103142	84.18275	6.733948	252.6545	.0659301	.0041389
#3	.1096997	84.15994	6.740459	252.4486	.0664530	.0047212

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.073605	.0756562	6.262796	.4866884	1.843092	.3464581
Stddev	.245508	.0009781	.072299	.0396414	.005293	.0006940
%RSD	333.5463	1.292842	1.154415	8.145123	.2871590	.2003061
#1	-.286020	.0760771	6.187558	.4711276	1.841349	.3457667
#2	-.129984	.0763534	6.269084	.5317493	1.838891	.3471547
#3	.195188	.0745381	6.331745	.4571884	1.849036	.3464529

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: Q1047-07DLX2 Acquired: 1/24/2025 15:20:48 Type: Unk
Method: EPA SFAM01.0(v55) 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	.0030841	F 10.24356	3.789614	-.000197	.3316682	.0189452
Stddev	.0003141	.02849	.005827	.001418	.0020048	.0012800
%RSD	10.18570	.2781309	.1537504	720.1589	.6044645	6.756182
#1	.0033934	10.23273	3.783723	.001425	.3315267	.0181563
#2	.0030936	10.22208	3.789745	-.000813	.3297379	.0204221
#3	.0027654	10.27588	3.795374	-.001203	.3337400	.0182573

Elem	Sr4077
Units	ppm
Avg	.2820223
Stddev	.0012263
%RSD	.4348185
#1	.2806065
#2	.2827113
#3	.2827491

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3085.159	63258.40	9871.330	2156.356	3323.265
Stddev	3.814	171.66	2.612	12.830	1.773
%RSD	.1236262	.2713682	.0264644	.5949780	.0533587
#1	3085.950	63382.88	9869.389	2171.167	3321.349
#2	3088.516	63062.57	9874.300	2149.234	3324.849
#3	3081.012	63329.76	9870.302	2148.667	3323.597

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: Q1047-08DLX2 Acquired: 1/24/2025 15:25:03 Type: Unk
Method: EPA SFAM01.0(v55) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCQ43 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0560498**	**-.003992**	**3.979338**	**.0257708**	**.0199161**	**37.40072**	**16.52888**
Stddev	.0011464	.001051	.011835	.0028543	.0015005	.25471	.40413
%RSD	2.045356	26.33161	.2974062	11.07588	7.534104	.6810326	2.445001
#1	.0567060	-.003758	3.973286	.0228197	.0192002	37.52752	16.95297
#2	.0547261	-.003078	3.971753	.0259753	.0189076	37.10750	16.14822
#3	.0567174	-.005141	3.992975	.0285174	.0216404	37.56715	16.48544

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0052959**	**.0400039**	**148.8349**	**.1191433**	**.0806449**	**.2875025**	**142.2900**
Stddev	.0001028	.0000616	1.0600	.0008924	.0001558	.0010961	1.0717
%RSD	1.941227	.1540475	.7121960	.7490135	.1931815	.3812517	.7531545
#1	.0051821	.0399614	149.1810	.1198705	.0807275	.2876909	142.7268
#2	.0053237	.0399757	147.6451	.1181474	.0804652	.2884923	141.0689
#3	.0053820	.0400746	149.6786	.1194119	.0807419	.2863244	143.0743

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**10.28389**	**13.99568**	**.1485196**	**.0058648**	**-.117991**	**.1823760**	**10.49437**
Stddev	.07024	.12596	.0001041	.0002745	.203899	.0018256	.07569
%RSD	.6830257	.9000064	.0700999	4.680453	172.8094	1.001030	.7212674
#1	10.31814	14.02646	.1484153	.0061389	-.066120	.1820245	10.52593
#2	10.20309	13.85718	.1485199	.0058655	-.342816	.1807516	10.40801
#3	10.33042	14.10340	.1486235	.0055900	.054963	.1843518	10.54919

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**3.107991**	**7.404599**	**.6174365**	**.0030186**	**7.944232**	**6.807345**	**.0226873**
Stddev	.067617	.015554	.0050146	.0002873	.011171	.021450	.0002392
%RSD	2.175577	.2100623	.8121683	9.517376	.1406234	.3150994	1.054441
#1	3.080270	7.394251	.6195069	.0030769	7.931345	6.785499	.0224336
#2	3.058641	7.397060	.6117182	.0032723	7.950184	6.808160	.0227193
#3	3.185063	7.422486	.6210845	.0027066	7.951168	6.828375	.0229088

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: Q1047-08DLX2 Acquired: 1/24/2025 15:25:03 Type: Unk
Method: EPA SFAM01.0(v55) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCQ43 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6183802	.0163210	.5733425
Stddev	.0034039	.0007098	.0031890
%RSD	.5504520	4.348773	.5562159
#1	.6144999	.0155684	.5756421
#2	.6197785	.0169782	.5697020
#3	.6208623	.0164163	.5746834

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3441.216	68492.47	10673.39	2389.872	3799.242
Stddev	6.372	521.53	58.74	17.099	7.375
%RSD	.1851692	.7614405	.5503342	.7154907	.1941149
#1	3445.390	68354.87	10733.43	2385.432	3803.971
#2	3444.375	69069.01	10670.68	2408.753	3803.012
#3	3433.881	68053.54	10616.05	2375.430	3790.745

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: Q1047-09DLX2 Acquired: 1/24/2025 15:29:06 Type: Unk
Method: EPA SFAM01.0(v55) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCQ44 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0587550**	**-.002258**	**3.577485**	**.0187378**	**.0132646**	**29.12399**	**15.03904**
Stddev	.0029315	.001197	.006453	.0023930	.0013743	.07074	.21485
%RSD	4.989300	52.99456	.1803767	12.77115	10.36089	.2429061	1.428629
#1	.0570392	-.001136	3.580596	.0176328	.0147373	29.08451	15.15966
#2	.0570859	-.003518	3.570066	.0170968	.0130400	29.20566	15.16648
#3	.0621398	-.002121	3.581793	.0214836	.0120163	29.08180	14.79098

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0043494**	**.0251753**	**42.73905**	**.1030008**	**.0850943**	**.1936812**	**102.2590**
Stddev	.0001010	.0001240	.06079	.0002358	.0002458	.0012363	.1693
%RSD	2.321488	.4925758	.1422365	.2288881	.2888819	.6383067	.1655397
#1	.0042387	.0253041	42.71745	.1032730	.0849092	.1950945	102.1344
#2	.0043729	.0250567	42.80770	.1028611	.0850005	.1931487	102.4518
#3	.0044365	.0251652	42.69201	.1028684	.0853732	.1928004	102.1909

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**5.689001**	**12.12204**	**.0810708**	**.0022543**	**.3519997**	**.1878858**	**9.792036**
Stddev	.005365	.02480	.0006087	.0004055	.1649950	.0016336	.050180
%RSD	.0942962	.2045693	.7508272	17.98795	46.87363	.8694616	.5124536
#1	5.686197	12.11230	.0809237	.0023940	.4792470	.1876255	9.818458
#2	5.695187	12.10359	.0805492	.0025715	.1655776	.1896339	9.823484
#3	5.685621	12.15023	.0817396	.0017974	.4111743	.1863979	9.734166

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**4.555349**	**9.555958**	**.4124045**	**.0025247**	**6.093728**	**5.363562**	**.0110571**
Stddev	.026319	.022234	.0019986	.0002763	.006580	.011009	.0004399
%RSD	.5777674	.2326765	.4846120	10.94307	.1079773	.2052626	3.978429
#1	4.527808	9.549330	.4102475	.0025624	6.095489	5.374247	.0109904
#2	4.580247	9.537792	.4141935	.0027803	6.086447	5.352255	.0106544
#3	4.557992	9.580753	.4127726	.0022316	6.099249	5.364186	.0115266

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: Q1047-09DLX2 Acquired: 1/24/2025 15:29:06 Type: Unk
Method: EPA SFAM01.0(v55) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCQ44 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5643910	.0088265	.1140064
Stddev	.0022263	.0009632	.0001888
%RSD	.3944624	10.91255	.1655890
#1	.5668106	.0098542	.1138666
#2	.5639331	.0086809	.1142211
#3	.5624292	.0079444	.1139313

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3527.974	69180.38	10292.01	2416.649	3977.057
Stddev	9.170	63.69	21.08	11.940	10.438
%RSD	.2599133	.0920606	.2048579	.4940536	.2624620
#1	3522.425	69212.43	10270.81	2411.838	3970.114
#2	3538.558	69107.04	10312.97	2407.865	3989.061
#3	3522.939	69221.69	10292.24	2430.243	3971.996

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: Q1047-10DLX2 Acquired: 1/24/2025 15:33:09 Type: Unk
Method: EPA SFAM01.0(v55) 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	**.1105888**	**-.003996**	**4.232780**	**.0311465**	**.0251801**	**45.58239**
Stddev	.0017058	.001224	.003215	.0040143	.0009041	.29595
%RSD	1.542438	30.62183	.0759596	12.88839	3.590577	.6492647
#1	.1094338	-.003696	4.229566	.0283035	.0261523	45.25067
#2	.1125480	-.002951	4.232777	.0357386	.0250234	45.67713
#3	.1097845	-.005342	4.235996	.0293974	.0243645	45.81936

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**18.99603**	**.0055166**	**.0682762**	**105.6726**	**.1863726**	**.1056703**
Stddev	.37097	.0000071	.0001512	.9840	.0025219	.0003476
%RSD	1.952887	.1285727	.2214380	.9311606	1.353144	.3289178
#1	18.65788	.0055125	.0681089	104.6062	.1837964	.1053405
#2	18.93738	.0055124	.0683168	105.8661	.1864849	.1060332
#3	19.39284	.0055248	.0684030	106.5454	.1888364	.1056373

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.4308797**	**159.6734**	**5.349536**	**45.82005**	**.1059656**	**.0030777**
Stddev	.0036928	1.2175	.045497	.42412	.0008775	.0003516
%RSD	.8570416	.7624856	.8504865	.9256146	.8280659	11.42410
#1	.4347210	158.3123	5.302252	45.38047	.1055628	.0029063
#2	.4273559	160.0492	5.353350	45.85287	.1069721	.0034821
#3	.4305621	160.6586	5.393006	46.22680	.1053618	.0028447

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.050552**	**.3319686**	F **36.03767**	**4.073501**	**4.205235**	**.6546947**
Stddev	.299957	.0011377	.45434	.078074	.007541	.0063498
%RSD	593.3653	.3427074	1.260729	1.916642	.1793203	.9698933
#1	-.301464	.3309071	35.60971	3.988815	4.196977	.6475255
#2	.281681	.3318292	35.98885	4.142616	4.206973	.6569476
#3	-.131873	.3331696	36.51444	4.089074	4.211755	.6596108

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: Q1047-10DLX2 Acquired: 1/24/2025 15:33:09 Type: Unk
Method: EPA SFAM01.0(v55) 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	-.002187	7.628501	7.015109	.0238288	.7026720	.0165502
Stddev	.000312	.015392	.016978	.0009689	.0023157	.0010637
%RSD	14.24375	.2017673	.2420219	4.066121	.3295576	6.426992
#1	-.002391	7.611025	7.007827	.0231730	.7008121	.0154089
#2	-.001829	7.640044	7.002986	.0233718	.7019382	.0175139
#3	-.002342	7.634433	7.034513	.0249417	.7052657	.0167277

Elem	Sr4077
Units	ppm
Avg	.1641962
Stddev	.0013823
%RSD	.8418308
#1	.1627034
#2	.1644535
#3	.1654317

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3352.545	68860.63	10655.41	2422.728	3649.860
Stddev	10.330	738.63	32.43	33.132	3.653
%RSD	.3081256	1.072645	.3043960	1.367567	.1000936
#1	3342.371	69497.89	10672.05	2451.553	3646.046
#2	3352.241	69032.92	10676.15	2430.102	3650.206
#3	3363.024	68051.09	10618.03	2386.530	3653.328

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: Q1047-11DLX2 Acquired: 1/24/2025 15:37:12 Type: Unk
Method: EPA SFAM01.0(v55) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCQ46 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0777350	-.002692	1.993246	.0262536	.0184452	36.16230	15.94239
Stddev	.0020891	.000567	.004259	.0011958	.0010808	.19834	.13201
%RSD	2.687439	21.06485	.2136875	4.554955	5.859339	.5484755	.8280222
#1	.0764468	-.003218	1.990196	.0261118	.0180014	36.11171	15.99321
#2	.0766127	-.002767	1.991428	.0275140	.0176570	35.99416	15.79253
#3	.0801453	-.002091	1.998112	.0251349	.0196772	36.38104	16.04143

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0046661	.0240408	60.09733	.1155111	.0699623	.3186326	122.6227
Stddev	.0000789	.0000929	.36738	.0008217	.0002429	.0028849	.6501
%RSD	1.692094	.3863608	.6113165	.7113841	.3471603	.9053953	.5301758
#1	.0047056	.0240804	60.05935	.1148812	.0698886	.3208773	122.5717
#2	.0045752	.0239347	59.75041	.1152115	.0702335	.3153787	121.9996
#3	.0047175	.0241074	60.48223	.1164406	.0697648	.3196419	123.2968

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.262454	10.59404	.0852943	.0015879	.0836229	.2425174	12.11553
Stddev	.030369	.05880	.0001721	.0004557	.2620252	.0040194	.05498
%RSD	.7124822	.5550195	.2017090	28.70170	313.3416	1.657356	.4537590
#1	4.256590	10.57416	.0852351	.0020950	-.050064	.2456548	12.09639
#2	4.235445	10.54776	.0854882	.0014562	-.084594	.2379868	12.07269
#3	4.295328	10.66020	.0851597	.0012125	.385526	.2439106	12.17752

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.609020	5.976611	.5190690	.0014328	7.206069	6.768420	.0105627
Stddev	.045782	.009803	.0034707	.0003764	.031829	.088799	.0003978
%RSD	1.268531	.1640154	.6686301	26.27224	.4416936	1.311965	3.766531
#1	3.576228	5.975912	.5179810	.0018185	7.221989	6.796517	.0102812
#2	3.589508	5.967176	.5162727	.0014135	7.169421	6.668971	.0103889
#3	3.661326	5.986744	.5229533	.0010663	7.226797	6.839772	.0110178

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: Q1047-11DLX2 Acquired: 1/24/2025 15:37:12 Type: Unk
Method: EPA SFAM01.0(v55) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCQ46 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6597888	.0111360	.1757442
Stddev	.0063428	.0012771	.0010017
%RSD	.9613452	11.46866	.5699999
#1	.6630795	.0123780	.1758230
#2	.6524769	.0112035	.1747055
#3	.6638101	.0098264	.1767043

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3454.149	70250.43	10254.20	2475.004	3866.525
Stddev	14.460	508.38	115.59	13.501	9.382
%RSD	.4186361	.7236615	1.127256	.5455000	.2426450
#1	3458.422	70561.23	10238.73	2486.408	3866.253
#2	3465.991	70526.29	10376.75	2478.506	3876.039
#3	3438.034	69663.75	10147.12	2460.096	3857.282

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: Q1045-22DL2X5 Acquired: 1/24/2025 15:41:15 Type: Unk
Method: EPA SFAM01.0(v55) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCQ17 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0132228**	**-.000088**	**.9169695**	**.0029358**	**.0035319**	**3.997076**	**9.358812**
Stddev	.0012503	.002356	.0018482	.0022511	.0016996	.036046	.072752
%RSD	9.455644	2682.177	.2015522	76.67989	48.12163	.9018203	.7773667
#1	.0136679	-.002231	.9148375	.0004331	.0048766	4.027120	9.330311
#2	.0118109	-.000468	.9181164	.0035786	.0016216	3.957107	9.304626
#3	.0141897	.002435	.9179547	.0047955	.0040975	4.007002	9.441500

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0007855**	**.0025031**	**148.0144**	**.0406556**	**.0095880**	**.0218470**	**30.12451**
Stddev	.0000693	.0001159	1.2611	.0007100	.0003139	.0035493	.26112
%RSD	8.823270	4.628309	.8520113	1.746316	3.273706	16.24604	.8667963
#1	.0008643	.0023705	148.9962	.0410917	.0094309	.0247570	30.32909
#2	.0007340	.0025546	146.5921	.0398364	.0093837	.0178927	29.83040
#3	.0007582	.0025843	148.4548	.0410388	.0099494	.0228911	30.21403

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.319307**	**59.04160**	**.0153196**	**.0006718**	**.0971369**	**.0425816**	**.8218208**
Stddev	.015660	.49356	.0002860	.0004103	.3917374	.0003010	.0185813
%RSD	1.186993	.8359557	1.867138	61.07190	403.2840	.7068606	2.260990
#1	1.329304	59.35806	.0154230	.0004048	-.187118	.0428829	.8336880
#2	1.301259	58.47289	.0149962	.0011443	.543990	.0425808	.8004068
#3	1.327358	59.29384	.0155396	.0004664	-.065461	.0422809	.8313675

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1102419**	**.9992060**	**.1298918**	**.0009074**	**2.886106**	**1.590912**	**-.001949**
Stddev	.0096746	.0050505	.0002285	.0001234	.002659	.013936	.000788
%RSD	8.775813	.5054541	.1759014	13.60296	.0921164	.8759911	40.41268
#1	.1096990	1.005026	.1299996	.0010140	2.888455	1.604468	-.001157
#2	.1008502	.996616	.1296294	.0007722	2.883220	1.591645	-.001958
#3	.1201766	.995976	.1300465	.0009360	2.886643	1.576624	-.002732

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: Q1045-22DL2X5 Acquired: 1/24/2025 15:41:15 Type: Unk
Method: EPA SFAM01.0(v55) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCQ17 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1046467	.0009569	.1447503
Stddev	.0001001	.0008411	.0015218
%RSD	.0956813	87.89823	1.051314
#1	.1046663	.0000655	.1460596
#2	.1047356	.0010686	.1430807
#3	.1045383	.0017366	.1451105

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3166.480	63623.78	9616.952	2212.991	3700.892
Stddev	7.159	386.57	52.637	20.967	4.322
%RSD	.2261011	.6075861	.5473407	.9474301	.1167841
#1	3170.689	63308.51	9642.069	2202.498	3703.339
#2	3170.537	64055.07	9556.461	2237.133	3703.435
#3	3158.213	63507.75	9652.326	2199.343	3695.901

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: Q1045-10DL2X5 Acquired: 1/24/2025 15:45:26 Type: Unk
Method: EPA SFAM01.0(v55) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCQ05 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0224472	-.001135	.4176185	.0091771	.0056948	13.86575	9.029191
Stddev	.0001061	.001239	.0023946	.0022698	.0011971	1.54530	.950008
%RSD	.4724666	109.2299	.5733918	24.73370	21.02061	11.14471	10.52152
#1	.0224232	.000285	.4160784	.0066000	.0043980	12.84257	8.469775
#2	.0225631	-.001685	.4163998	.0100518	.0067576	13.11134	8.491706
#3	.0223551	-.002004	.4203773	.0108794	.0059287	15.64335	10.12609

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0016636	.0011383	7.404618	.0526331	.0392595	.0200729	45.18609
Stddev	.0000123	.0001428	.813824	.0066262	.0003402	.0007656	5.01844
%RSD	.7380446	12.54632	10.99076	12.58950	.8664466	3.814052	11.10616
#1	.0016625	.0012286	6.885162	.0482223	.0388981	.0203771	41.91720
#2	.0016519	.0012125	6.986162	.0494242	.0393069	.0192020	42.67681
#3	.0016764	.0009736	8.342530	.0602529	.0395735	.0206396	50.96427

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.291488	3.103998	.0235607	.0014113	.2233694	.0758519	.3730638
Stddev	.372282	.350640	.0006867	.0004779	.3931777	.0007859	.0435360
%RSD	11.31046	11.29641	2.914364	33.86470	176.0213	1.036112	11.66984
#1	3.057246	2.903640	.0232027	.0018866	.5714128	.0758361	.3472023
#2	3.096452	2.899477	.0243524	.0014164	.3018116	.0750740	.3486614
#3	3.720767	3.508875	.0231271	.0009308	-.203116	.0766455	.4233278

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9368658	.7474020	.1746898	.0012189	2.091089	2.493378	.0017672
Stddev	.2905768	.0016031	.0236474	.0001325	.007179	.008257	.0004297
%RSD	31.01584	.2144939	13.53678	10.86841	.3432946	.3311383	24.31604
#1	.7984809	.7461000	.1601584	.0012434	2.083039	2.495442	.0016186
#2	.7413469	.7491926	.1619349	.0010759	2.093402	2.484285	.0022515
#3	1.270770	.7469135	.2019761	.0013374	2.096826	2.500407	.0014316

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: Q1045-10DL2X5 Acquired: 1/24/2025 15:45:26 Type: Unk
Method: EPA SFAM01.0(v55) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCQ05 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2927951	.0027823	.0853020
Stddev	.0022352	.0023971	.0095126
%RSD	.7633849	86.15661	11.15168
#1	.2938732	.0015272	.0791234
#2	.2902252	.0012732	.0805262
#3	.2942867	.0055463	.0962563

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3416.457	62087.75	10130.73	2189.447	4079.041
Stddev	11.998	6457.10	32.63	220.427	12.996
%RSD	.3511729	10.39996	.3220974	10.06771	.3185982
#1	3426.944	66309.55	10109.00	2320.074	4092.725
#2	3419.053	65299.10	10168.25	2313.317	4077.533
#3	3403.373	54654.59	10114.93	1934.949	4066.865

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: Q1046-01DL2X5 Acquired: 1/24/2025 15:49:37 Type: Unk
Method: EPA SFAM01.0(v55) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCQ18 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0238473**	**-.001536**	**1.811434**	**.0103812**	**.0080294**	**7.232178**	**8.363448**
Stddev	.0013908	.000644	.002036	.0008739	.0006300	.025699	.100676
%RSD	5.832202	41.91782	.1123746	8.418194	7.845597	.3553492	1.203760
#1	.0231826	-.001110	1.812499	.0112664	.0083086	7.251351	8.479422
#2	.0229136	-.002277	1.809087	.0095190	.0073081	7.242206	8.312407
#3	.0254458	-.001221	1.812717	.0103584	.0084715	7.202976	8.298515

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0009723**	**.0037803**	**14.33455**	**.0867598**	**.0171791**	**.0850341**	**56.42766**
Stddev	.0000372	.0000717	.06412	.0003058	.0002554	.0005445	.24871
%RSD	3.830843	1.896213	.4473065	.3525147	1.486680	.6402754	.4407618
#1	.0009363	.0037881	14.40851	.0870742	.0173161	.0844064	56.69042
#2	.0010107	.0037050	14.30054	.0867418	.0168845	.0853780	56.39666
#3	.0009698	.0038478	14.29461	.0864633	.0173368	.0853180	56.19591

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.010793**	**6.281908**	**.0253665**	**.0010491**	**.4881198**	**.0694941**	**1.264963**
Stddev	.000858	.028161	.0000863	.0003711	.2768539	.0016923	.006152
%RSD	.0848598	.4482800	.3403139	35.37217	56.71843	2.435196	.4863624
#1	1.011573	6.313820	.0253584	.0012635	.7933814	.0675697	1.271663
#2	1.009874	6.271361	.0254567	.0012631	.4177056	.0707501	1.263659
#3	1.010931	6.260544	.0252846	.0006206	.2532724	.0701626	1.259568

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2461913**	**.7749732**	**.2175878**	**.0015111**	**2.728815**	**2.314662**	**.0015998**
Stddev	.0085824	.0014292	.0012829	.0001464	.011109	.002376	.0004042
%RSD	3.486078	.1844240	.5896186	9.685962	.4070870	.1026531	25.26629
#1	.2559621	.7764195	.2190354	.0013602	2.735111	2.311919	.0014647
#2	.2398716	.7735616	.2171367	.0016525	2.715988	2.315988	.0012804
#3	.2427403	.7749384	.2165914	.0015206	2.735344	2.316080	.0020542

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: Q1046-01DL2X5 Acquired: 1/24/2025 15:49:37 Type: Unk
Method: EPA SFAM01.0(v55) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCQ18 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1912582	-.001552	.0693300
Stddev	.0024403	.001743	.0002885
%RSD	1.275917	112.2910	.4161146
#1	.1890904	-.003306	.0695825
#2	.1939011	-.001532	.0693919
#3	.1907832	.000181	.0690156

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3334.245	65612.84	9703.711	2301.869	3992.927
Stddev	6.103	490.75	30.541	17.836	12.815
%RSD	.1830351	.7479431	.3147380	.7748630	.3209392
#1	3328.426	65132.36	9684.931	2281.755	3981.051
#2	3340.597	65592.93	9687.250	2308.089	4006.510
#3	3333.711	66113.24	9738.952	2315.762	3991.221

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: Q1046-11DL2X5 Acquired: 1/24/2025 15:53:46 Type: Unk
Method: EPA SFAM01.0(v55) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCQ26 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0126586	-.000666	.3888923	-.001505	.0025327	2.387693	7.731807
Stddev	.0014814	.001441	.0018169	.001847	.0006155	.013854	.046270
%RSD	11.70270	216.4981	.4672077	122.7552	24.29997	.5802399	.5984387
#1	.0126361	.000638	.3883382	-.003598	.0028709	2.372114	7.680979
#2	.0141511	-.002213	.3874169	-.000812	.0018223	2.392335	7.742961
#3	.0111886	-.000422	.3909218	-.000104	.0029049	2.398631	7.771480

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004149	.0045363	413.7272	.0155934	.0060282	.0207271	15.30383
Stddev	.0000673	.0000255	2.3717	.0006285	.0003650	.0037680	.01547
%RSD	16.22414	.5630675	.5732470	4.030358	6.055293	18.17902	.1010982
#1	.0003386	.0045150	415.9973	.0160266	.0058121	.0207921	15.31693
#2	.0004400	.0045646	413.9186	.0158811	.0064496	.0169271	15.28676
#3	.0004660	.0045293	411.2656	.0148726	.0058227	.0244622	15.30779

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5797926	193.9977	.0136799	-.000119	-.037482	.0264772	.8233599
Stddev	.0031102	.2998	.0001398	.000253	.244587	.0013769	.0030311
%RSD	.5364284	.1545533	1.021714	213.3838	652.5381	5.200470	.3681336
#1	.5766031	194.1104	.0135583	.000146	-.319066	.0267041	.8252501
#2	.5828168	193.6579	.0138326	-.000143	.084455	.0250009	.8198638
#3	.5799578	194.2249	.0136487	-.000359	.122164	.0277266	.8249657

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.266389	.4432528	.0605059	.0049877	3.053063	1.258464	-.000395
Stddev	.018608	.0035918	.0001310	.0001387	.009637	.004709	.001466
%RSD	6.985108	.8103239	.2165924	2.781279	.3156543	.3741567	371.2897
#1	-.280901	.4400587	.0603611	.0050878	3.044469	1.253634	-.000791
#2	-.245411	.4471410	.0606165	.0048294	3.051237	1.263041	.001229
#3	-.272854	.4425588	.0605400	.0050460	3.063482	1.258716	-.001622

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: Q1046-11DL2X5 Acquired: 1/24/2025 15:53:46 Type: Unk
Method: EPA SFAM01.0(v55) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCQ26 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0510285	.0070694	.2266109
Stddev	.0007294	.0009475	.0002312
%RSD	1.429373	13.40329	.1020232
#1	.0515124	.0068638	.2263448
#2	.0501896	.0062416	.2267251
#3	.0513836	.0081029	.2267628

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2940.534	60180.77	9051.807	2065.242	3338.682
Stddev	7.149	255.68	50.701	5.657	8.996
%RSD	.2431283	.4248603	.5601224	.2739309	.2694572
#1	2945.811	59933.37	9056.950	2062.729	3341.687
#2	2943.393	60164.93	8998.730	2061.277	3345.792
#3	2932.397	60444.00	9099.740	2071.721	3328.568

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: Q1047-12DLX2 Acquired: 1/24/2025 15:58:07 Type: Unk
Method: EPA SFAM01.0(v55) 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	**.0522118**	**-.002046**	**2.245832**	**.0204384**	**.0126493**	**32.23088**
Stddev	.0018456	.000561	.001085	.0025734	.0009899	.10704
%RSD	3.534863	27.41866	.0483114	12.59092	7.825583	.3320888
#1	.0510266	-.002694	2.246547	.0220562	.0130878	32.34564
#2	.0512706	-.001718	2.246366	.0217880	.0133441	32.13377
#3	.0543383	-.001727	2.244584	.0174709	.0115159	32.21321

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**14.07441**	**.0046526**	**.0047721**	**59.01462**	**.1291302**	**.1012453**
Stddev	.06954	.0000783	.0000528	.08108	.0006563	.0001249
%RSD	.4941197	1.682631	1.106636	.1373833	.5082315	.1233388
#1	14.14364	.0045705	.0047588	59.10147	.1287412	.1011899
#2	14.00456	.0047264	.0048303	58.94093	.1298879	.1013883
#3	14.07502	.0046609	.0047272	59.00145	.1287615	.1011577

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1369860**	**109.6025**	**6.710786**	**9.968756**	**.0706393**	**.0020697**
Stddev	.0014836	.2976	.008442	.016495	.0004191	.0001187
%RSD	1.083048	.2714966	.1258040	.1654622	.5932281	5.732852
#1	.1367247	109.9062	6.719658	9.957356	.0702174	.0019416
#2	.1385830	109.3115	6.709851	9.961244	.0710555	.0020915
#3	.1356504	109.5897	6.702851	9.987670	.0706448	.0021759

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.6444118**	**.1899753**	**1.639539**	**3.250908**	F **19.29164**	**.4366346**
Stddev	.1767125	.0016082	.009124	.046166	.04285	.0013918
%RSD	27.42229	.8465249	.5564978	1.420108	.2221272	.3187650
#1	.6229292	.1916326	1.649982	3.199769	19.33722	.4377479
#2	.4794228	.1898723	1.635524	3.263441	19.25217	.4350741
#3	.8308835	.1884212	1.633111	3.289514	19.28554	.4370818

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: Q1047-12DLX2 Acquired: 1/24/2025 15:58:07 Type: Unk
Method: EPA SFAM01.0(v55) 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	.0042433	8.361390	6.649211	.0044079	.6237945	.0076631
Stddev	.0001697	.024365	.017395	.0006137	.0010322	.0014412
%RSD	3.999526	.2914035	.2616153	13.92175	.1654780	18.80705
#1	.0041939	8.381530	6.660193	.0040927	.6247657	.0067437
#2	.0041038	8.334306	6.658286	.0051151	.6239072	.0069214
#3	.0044322	8.368332	6.629155	.0040159	.6227105	.0093240

Elem	Sr4077
Units	ppm
Avg	.1422124
Stddev	.0002547
%RSD	.1790977
#1	.1425065
#2	.1420624
#3	.1420683

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3460.007	69293.16	10262.88	2420.121	3870.193
Stddev	1.513	48.66	24.27	12.097	5.988
%RSD	.0437247	.0702290	.2365319	.4998375	.1547188
#1	3460.848	69237.61	10266.09	2407.253	3869.092
#2	3458.261	69313.63	10237.16	2421.847	3876.655
#3	3460.914	69328.25	10285.39	2431.261	3864.832

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: CCV015 Acquired: 1/24/2025 16:02:11 Type: Unk
Method: EPA SFAM01.0(v55) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV015 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**4.676805**	**4.818937**	**24.05417**	**4.677554**	**4.752173**	**378.9722**
Stddev	.014370	.027492	.05002	.021454	.014636	4.8637
%RSD	.3072566	.5705054	.2079566	.4586558	.3079930	1.283404
#1	4.665789	4.809072	23.99750	4.653671	4.735272	382.0426
#2	4.671568	4.797739	24.07286	4.683796	4.760661	381.5096
#3	4.693059	4.850001	24.09216	4.695194	4.760586	373.3645

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**9.375435**	**.5101516**	**2.437254**	**375.4028**	**15.33464**	**2.432188**
Stddev	.131527	.0038493	.006641	1.5963	.03893	.005336
%RSD	1.402895	.7545374	.2724810	.4252317	.2538734	.2193742
#1	9.315182	.5109483	2.429760	377.2461	15.33491	2.426035
#2	9.284827	.5059664	2.439597	374.4920	15.29558	2.434988
#3	9.526295	.5135403	2.442407	374.4705	15.37344	2.435540

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**14.01313**	**383.4309**	**13.97666**	**375.1466**	**2.426431**	**1.256694**
Stddev	.02181	.5072	.02008	.3210	.005790	.003770
%RSD	.1556609	.1322667	.1436447	.0855687	.2386158	.2999814
#1	14.02031	383.8666	13.99174	375.3766	2.419767	1.256554
#2	13.98863	383.5519	13.98437	375.2834	2.429301	1.252996
#3	14.03044	382.8742	13.95387	374.7799	2.430225	1.260532

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**363.8501**	**2.378882**	**14.18812**	**146.1536**	**4.955663**	F **5.932318**
Stddev	1.6098	.006371	.04262	.2781	.016094	.032252
%RSD	.4424388	.2678290	.3004252	.1903086	.3247514	.5436631
#1	363.4984	2.379659	14.23361	146.2496	4.937181	5.931127
#2	362.4453	2.372158	14.14910	146.3710	4.966587	5.900678
#3	365.6067	2.384829	14.18166	145.8401	4.963219	5.965148

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: CCV015 Acquired: 1/24/2025 16:02:11 Type: Unk
Method: EPA SFAM01.0(v55) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV015 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**4.743954**	**4.843807**	**4.767802**	**4.891813**	**4.738033**	**4.611217**
Stddev	.014371	.018724	.022355	.008580	.016876	.015441
%RSD	.3029385	.3865493	.4688713	.1754005	.3561845	.3348674
#1	4.727383	4.823925	4.775728	4.881906	4.753463	4.619811
#2	4.753002	4.846392	4.742564	4.896879	4.720011	4.620450
#3	4.751477	4.861104	4.785113	4.896653	4.740626	4.593391

Elem	Sr4077
Units	ppm
Avg	**4.659530**
Stddev	.052946
%RSD	1.136294
#1	4.676614
#2	4.600151
#3	4.701825

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**2705.887**	**56691.88**	**8974.290**	**1977.584**	**3138.016**
Stddev	7.290	173.70	66.505	9.372	6.277
%RSD	.2694157	.3064017	.7410624	.4739268	.2000248
#1	2712.871	56718.02	8978.113	1973.601	3143.771
#2	2698.325	56851.03	9038.802	1988.290	3131.323
#3	2706.465	56506.58	8905.956	1970.860	3138.956

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: CCB015 Acquired: 1/24/2025 16:06:29 Type: Unk
Method: EPA SFAM01.0(v55) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB015 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0027193	.0009813	.0001432	-.000859	.0002457	.0077208	-.004576
Stddev	.0022030	.0008443	.0010212	.002336	.0005611	.0066805	.000743
%RSD	81.01181	86.04268	713.1860	272.0152	228.3153	86.52617	16.23107
#1	.0028686	.0011184	.0008615	.001304	.0000265	.0001239	-.005431
#2	.0004455	.0017486	-.001026	-.000544	-.000173	.0126789	-.004089
#3	.0048438	.0000768	.000594	-.003336	.000883	.0103596	-.004209

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000011	.0000128	.0137953	.0003166	.0001881	.0000800	.0126694
Stddev	.000065	.0000083	.0074684	.0002348	.0001250	.0023217	.0050401
%RSD	593.8172	64.36429	54.13726	74.14756	66.46124	2903.711	39.78141
#1	.000043	.0000223	.0056751	.0005277	.0002882	.0022614	.0086242
#2	.000008	.0000069	.0203701	.0000638	.0002282	.0003388	.0110686
#3	-.000084	.0000093	.0153408	.0003584	.0000480	-.002360	.0183155

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000155	-.013255	.0001448	.0001342	-.104795	.0017186	-.001345
Stddev	.000230	.020536	.0001034	.0005113	.218928	.0035317	.002246
%RSD	148.7028	154.9379	71.37126	381.0540	208.9107	205.5036	166.9240
#1	-.000419	-.027072	.0002575	.0004926	.147646	-.001041	-.000016
#2	-.000049	.010344	.0000543	-.000451	-.242615	.005699	-.003938
#3	.000003	-.023036	.0001227	.000361	-.219416	.000498	-.000082

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.415351	.0021145	-.006999	-.000484	.0018431	.0020462	.0000708
Stddev	.023355	.0006315	.000775	.000118	.0027578	.0013390	.0002517
%RSD	5.622926	29.86467	11.06873	24.31187	149.6278	65.43864	355.6367
#1	-.394322	.0027632	-.006222	-.000619	.0008178	.0035767	-.000182
#2	-.440487	.0020784	-.007771	-.000404	.0049667	.0014702	.000074
#3	-.411244	.0015018	-.007005	-.000430	-.000255	.0010916	.000321

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: CCB015 Acquired: 1/24/2025 16:06:29 Type: Unk
Method: EPA SFAM01.0(v55) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB015 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	**-.000404**	**-.003671**	**.0000942**
Stddev	.000413	.000668	.0000486
%RSD	102.1954	18.20805	51.60652
#1	-.000102	-.003099	.0000437
#2	-.000236	-.003508	.0001407
#3	-.000875	-.004406	.0000981

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**3418.432**	**67550.64**	**9415.703**	**2399.743**	**4201.912**
Stddev	3.821	114.96	12.968	10.331	3.820
%RSD	.1117869	.1701836	.1377294	.4304994	.0909051
#1	3422.258	67663.97	9420.684	2411.116	4198.084
#2	3414.615	67434.12	9400.983	2397.172	4201.928
#3	3418.423	67553.84	9425.443	2390.940	4205.723

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: Q1047-21 Acquired: 1/24/2025 16:10:38 Type: Unk
Method: EPA SFAM01.0(v55) 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	**1.637110**	**1.900970**	**1.545395**	**.8538515**	**1.064951**	**47.57231**
Stddev	.004027	.028907	.007693	.0063646	.006256	.36410
%RSD	.2459960	1.520642	.4978321	.7453972	.5874798	.7653586
#1	1.632669	1.868135	1.536954	.8468732	1.058600	47.98573
#2	1.638136	1.912192	1.547215	.8593371	1.065146	47.29941
#3	1.640525	1.922584	1.552015	.8553441	1.071108	47.43179

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**3.348571**	F **1.513988**	**1.105004**	**52.22986**	**2.556951**	**1.773693**
Stddev	.023792	.010477	.006875	.34864	.005551	.006868
%RSD	.7105084	.6920325	.6221937	.6675108	.2170781	.3872199
#1	3.375864	1.501891	1.097085	52.60336	2.559366	1.765804
#2	3.332211	1.519964	1.108475	51.91302	2.550602	1.776943
#3	3.337639	1.520111	1.109452	52.17319	2.560886	1.778333

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.208012**	**67.30403**	**3.984116**	**15.17705**	**1.160294**	**.4581630**
Stddev	.003945	.49040	.022652	.07824	.005124	.0003637
%RSD	.3265386	.7286405	.5685557	.5155299	.4415851	.0793941
#1	1.204418	67.85481	4.009807	15.26610	1.154417	.4584916
#2	1.207386	66.91472	3.967014	15.14570	1.162639	.4577722
#3	1.212233	67.14256	3.975529	15.11933	1.163825	.4582253

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**4.330445**	**1.169800**	**3.561073**	**10.96092**	**2.217731**	**2.300769**
Stddev	.297397	.005761	.026663	.09041	.010629	.012527
%RSD	6.867589	.4924615	.7487480	.8248797	.4792661	.5444862
#1	4.020589	1.163189	3.588221	11.06522	2.206352	2.286655
#2	4.613580	1.173749	3.534922	10.90483	2.219439	2.310571
#3	4.357166	1.172461	3.560076	10.91271	2.227403	2.305081

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: Q1047-21 Acquired: 1/24/2025 16:10:38 Type: Unk
Method: EPA SFAM01.0(v55) 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	.4908485	.5181324	5.401004	1.042590	2.537792	1.077317
Stddev	.0014008	.0030285	.012879	.003029	.003847	.004050
%RSD	.2853807	.5845090	.2384641	.2905205	.1515698	.3759016
#1	.4895824	.5178838	5.414046	1.039329	2.536830	1.081769
#2	.4906098	.5152358	5.388294	1.043124	2.542028	1.073853
#3	.4923533	.5212776	5.400673	1.045316	2.534518	1.076328

Elem	Sr4077
Units	ppm
Avg	1.918414
Stddev	.017090
%RSD	.8908162
#1	1.919970
#2	1.900599
#3	1.934672

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3501.500	69470.77	10747.46	2418.271	3921.678
Stddev	8.404	136.27	74.31	5.640	14.656
%RSD	.2400191	.1961543	.6914302	.2332377	.3737120
#1	3510.440	69347.81	10833.25	2415.547	3938.165
#2	3500.298	69617.28	10706.10	2424.756	3916.738
#3	3493.761	69447.23	10703.03	2414.510	3910.130

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: Q1043-15 Acquired: 1/24/2025 16:14:33 Type: Unk
Method: EPA SFAM01.0(v55) 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	**2.490352**	**1.383322**	**2.361093**	**2.732982**	**.9515214**	**35.19442**
Stddev	.007765	.007974	.005001	.010452	.0036190	.31922
%RSD	.3117839	.5764610	.2117987	.3824346	.3803336	.9070308
#1	2.484621	1.385732	2.356312	2.728434	.9495297	35.52096
#2	2.487245	1.389814	2.360678	2.725574	.9493357	34.88306
#3	2.499188	1.374421	2.366288	2.744937	.9556987	35.17923

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**3.113044**	F **1.799288**	**1.021020**	**56.91297**	**2.639977**	**1.666612**
Stddev	.028316	.019809	.001419	.44881	.000812	.005647
%RSD	.9095894	1.100930	.1389699	.7885847	.0307593	.3388457
#1	3.141250	1.778639	1.019985	57.41577	2.639608	1.661615
#2	3.084620	1.818134	1.020439	56.55285	2.640909	1.665482
#3	3.113262	1.801091	1.022638	56.77027	2.639416	1.672738

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.141244**	**59.94129**	**3.040649**	**14.63747**	**3.635338**	**.8281432**
Stddev	.009114	.54231	.023802	.10019	.010432	.0013526
%RSD	.4256436	.9047348	.7827914	.6844546	.2869511	.1633339
#1	2.130796	60.52474	3.065515	14.74630	3.626589	.8266472
#2	2.147560	59.45262	3.018077	14.54907	3.632543	.8292800
#3	2.145376	59.84651	3.038355	14.61703	3.646883	.8285024

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**4.088435**	**1.873442**	**2.547677**	**16.34733**	**2.269229**	**1.702103**
Stddev	.378336	.006692	.021848	.14887	.002334	.008602
%RSD	9.253801	.3571769	.8575746	.9106658	.1028697	.5053837
#1	4.198491	1.871549	2.563109	16.51301	2.266670	1.692405
#2	4.399539	1.880876	2.522677	16.22481	2.271243	1.708813
#3	3.667273	1.867900	2.557245	16.30418	2.269774	1.705090

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: Q1043-15 Acquired: 1/24/2025 16:14:33 Type: Unk
Method: EPA SFAM01.0(v55) 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	1.001709	.4570423	2.123928	1.056086	1.173323	.9641793
Stddev	.003217	.0011227	.005437	.004323	.003829	.0075984
%RSD	.3211079	.2456372	.2559979	.4093060	.3263424	.7880647
#1	.998728	.4558663	2.126587	1.052948	1.171507	.9727969
#2	1.001279	.4571579	2.127524	1.061017	1.170740	.9584432
#3	1.005118	.4581027	2.117673	1.054295	1.177723	.9612977

Elem	Sr4077
Units	ppm
Avg	.8793968
Stddev	.0085207
%RSD	.9689232
#1	.8878856
#2	.8708446
#3	.8794602

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3463.019	69149.46	10760.85	2405.670	3868.403
Stddev	9.950	192.38	85.73	5.561	12.540
%RSD	.2873268	.2782120	.7967116	.2311482	.3241546
#1	3473.213	68927.69	10846.02	2405.361	3881.539
#2	3462.512	69249.27	10674.56	2411.379	3867.108
#3	3453.332	69271.43	10761.98	2400.270	3856.561

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: Q1047-13DLX2 Acquired: 1/24/2025 16:18:19 Type: Unk
Method: EPA SFAM01.0(v55) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCQ48 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0703712**	**-.002508**	**3.636223**	**.0266725**	**.0151649**	**43.10130**	**17.12742**
Stddev	.0019611	.000715	.006732	.0017277	.0009826	.17066	.25841
%RSD	2.786794	28.51944	.1851415	6.477556	6.479419	.3959544	1.508749
#1	.0706330	-.001895	3.630119	.0280301	.0156211	43.24358	17.09440
#2	.0682923	-.002336	3.635108	.0272597	.0158365	43.14825	16.88710
#3	.0721882	-.003294	3.643444	.0247277	.0140372	42.91208	17.40075

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0062042**	**.0249063**	**139.0216**	**.1283178**	**.0925346**	**.2532544**	**129.1864**
Stddev	.0000867	.0000387	.4134	.0002499	.0003334	.0019527	.5209
%RSD	1.397699	.1553787	.2973979	.1947866	.3602567	.7710381	.4031926
#1	.0063014	.0248966	139.3239	.1284690	.0923161	.2543483	129.7088
#2	.0061346	.0248734	139.1904	.1280293	.0923695	.2544149	129.1833
#3	.0061768	.0249489	138.5504	.1284552	.0929183	.2509999	128.6671

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**7.497766**	**55.34729**	**.1194088**	**.0043218**	**.2635832**	**.2152148**	**3.736405**
Stddev	.021046	.25356	.0003200	.0002341	.2383955	.0024278	.014856
%RSD	.2806908	.4581192	.2679488	5.415600	90.44410	1.128074	.3975942
#1	7.514464	55.51153	.1190653	.0041530	.5304774	.2138130	3.752891
#2	7.504708	55.47508	.1194629	.0042234	.1885142	.2180181	3.732268
#3	7.474127	55.05527	.1196983	.0045890	.0717579	.2138132	3.724056

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**4.269549**	**4.886556**	**.5511539**	**.0043622**	**7.243805**	**7.148416**	**.0177385**
Stddev	.057355	.006598	.0022419	.0004041	.021193	.007859	.0004753
%RSD	1.343340	.1350268	.4067686	9.263049	.2925735	.1099437	2.679676
#1	4.335478	4.879027	.5533156	.0048187	7.219416	7.141019	.0182376
#2	4.231153	4.891331	.5513066	.0040503	7.257744	7.156667	.0172912
#3	4.242015	4.889310	.5488395	.0042176	7.254255	7.147560	.0176869

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: Q1047-13DLX2 Acquired: 1/24/2025 16:18:19 Type: Unk
Method: EPA SFAM01.0(v55) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCQ48 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6386445	.0216713	.1644456
Stddev	.0033256	.0010632	.0009169
%RSD	.5207252	4.905837	.5575686
#1	.6358618	.0214943	.1651838
#2	.6423276	.0207077	.1647337
#3	.6377442	.0228118	.1634192

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3384.955	67310.37	10635.52	2361.015	3697.719
Stddev	8.631	87.30	43.77	11.467	3.070
%RSD	.2549850	.1297036	.4115824	.4856977	.0830147
#1	3388.190	67236.51	10676.13	2348.470	3698.534
#2	3391.502	67406.72	10641.26	2363.618	3700.299
#3	3375.174	67287.88	10589.15	2370.957	3694.324

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: Q1047-14DLX2 Acquired: 1/24/2025 16:22:22 Type: Unk
Method: EPA SFAM01.0(v55) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCQ49 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0738079**	**-.002970**	**1.974073**	**.0298902**	**.0208887**	**43.89409**	**17.07615**
Stddev	.0015231	.002272	.011192	.0036770	.0014225	.23930	.14244
%RSD	2.063542	76.48959	.5669588	12.30153	6.809918	.5451764	.8341640
#1	.0749251	-.004429	1.969543	.0317025	.0196167	43.96164	17.20484
#2	.0744256	-.004129	1.965856	.0256589	.0224247	44.09235	17.10050
#3	.0720730	-.000353	1.986820	.0323092	.0206246	43.62827	16.92310

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0043335**	**.0148801**	**186.8788**	**.1438407**	**.0804661**	**.2311172**	**161.7787**
Stddev	.0000939	.0000710	.6054	.0008041	.0003220	.0006156	.7789
%RSD	2.166180	.4774240	.3239396	.5590459	.4001481	.2663595	.4814835
#1	.0043462	.0148460	187.0212	.1434359	.0801161	.2304979	161.8315
#2	.0042339	.0148325	187.4003	.1447668	.0805325	.2317290	162.5299
#3	.0044204	.0149617	186.2149	.1433194	.0807497	.2311247	160.9747

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**5.196838**	**91.00819**	**.1102107**	**.0047933**	**.0575652**	**.2402495**	**5.243570**
Stddev	.015325	.27758	.0004741	.0001957	.3374285	.0004302	.016508
%RSD	.2948893	.3050043	.4301479	4.083082	586.1679	.1790468	.3148152
#1	5.206198	90.98754	.1097481	.0050088	-.191692	.2400623	5.225437
#2	5.205164	91.29552	.1101884	.0047445	.441541	.2399446	5.247548
#3	5.179153	90.74152	.1106955	.0046266	-.077153	.2407415	5.257725

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**5.367730**	**4.431640**	**.6760212**	**.0045957**	**6.050927**	**7.289373**	**.0794313**
Stddev	.109661	.007080	.0029921	.0002649	.029143	.014873	.0001204
%RSD	2.042959	.1597686	.4426090	5.764230	.4816214	.2040400	.1515206
#1	5.380349	4.423559	.6771244	.0044439	6.028030	7.295463	.0795698
#2	5.470535	4.434607	.6783051	.0044417	6.041018	7.272421	.0793728
#3	5.252306	4.436754	.6726341	.0049016	6.083732	7.300235	.0793515

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: Q1047-14DLX2 Acquired: 1/24/2025 16:22:22 Type: Unk
Method: EPA SFAM01.0(v55) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCQ49 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7343938	.0205674	.1793322
Stddev	.0010605	.0004719	.0006478
%RSD	.1443988	2.294263	.3612077
#1	.7331886	.0210679	.1796573
#2	.7348089	.0205036	.1797530
#3	.7351840	.0201306	.1785863

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3237.561	65530.56	10491.56	2287.398	3552.737
Stddev	8.030	44.91	43.77	1.742	11.170
%RSD	.2480178	.0685270	.4171661	.0761628	.3144140
#1	3232.223	65488.12	10496.11	2288.441	3559.600
#2	3246.795	65525.98	10532.87	2288.368	3558.763
#3	3233.665	65577.58	10445.69	2285.387	3539.848

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: Q1047-15DLX2 Acquired: 1/24/2025 16:26:25 Type: Unk
Method: EPA SFAM01.0(v55) 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	**.0456302**	**-.004475**	**7.967059**	**.0186452**	**.0165171**	**12.82733**
Stddev	.0008266	.000355	.012736	.0045081	.0010753	.03642
%RSD	1.811555	7.931080	.1598579	24.17852	6.510027	.2839185
#1	.0451133	-.004841	7.970707	.0230594	.0173047	12.80450
#2	.0451937	-.004132	7.952897	.0188277	.0169545	12.86933
#3	.0465835	-.004453	7.977573	.0140486	.0152920	12.80817

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**9.800097**	**.0041021**	**.1078435**	**506.7363**	**.0861390**	**.1189795**
Stddev	.131758	.0001018	.0004182	1.2511	.0001094	.0002709
%RSD	1.344452	2.481915	.3877581	.2468878	.1269627	.2276472
#1	9.951148	.0039853	.1076914	505.9415	.0862029	.1188996
#2	9.708828	.0041482	.1075227	508.1784	.0860128	.1187577
#3	9.740317	.0041726	.1083164	506.0890	.0862014	.1192814

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.5652450**	**130.7668**	**10.61120**	**226.2424**	**.1262113**	**.0115843**
Stddev	.0048040	.3807	.04386	.7154	.0003598	.0001333
%RSD	.8499047	.2911086	.4133631	.3162186	.2851046	1.150482
#1	.5655991	130.8147	10.61132	226.2132	.1265160	.0117058
#2	.5602737	131.1213	10.65500	226.9720	.1258143	.0114417
#3	.5698622	130.3644	10.56728	225.5421	.1263036	.0116054

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.241920**	**.0865058**	**7.637454**	**1.072081**	**2.432768**	**.5462096**
Stddev	.176684	.0028626	.035389	.015614	.012122	.0014215
%RSD	73.03428	3.309160	.4633640	1.456432	.4982664	.2602387
#1	-.093959	.0851627	7.606567	1.089805	2.419723	.5476186
#2	-.437547	.0845617	7.676068	1.066081	2.434896	.5462343
#3	-.194253	.0897930	7.629727	1.060356	2.443684	.5447760

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: Q1047-15DLX2 Acquired: 1/24/2025 16:26:25 Type: Unk
Method: EPA SFAM01.0(v55) 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	.0018854	F 13.50762	4.877162	.0042926	.2887671	.0161490
Stddev	.0007243	.05700	.013623	.0006955	.0003193	.0024107
%RSD	38.41603	.4220144	.2793132	16.20329	.1105852	14.92771
#1	.0011251	13.48342	4.880437	.0050426	.2887848	.0178699
#2	.0025673	13.46671	4.862201	.0036689	.2884392	.0171834
#3	.0019637	13.57273	4.888849	.0041662	.2890771	.0133938

Elem	Sr4077
Units	ppm
Avg	.2192972
Stddev	.0011494
%RSD	.5241133
#1	.2194053
#2	.2203887
#3	.2180976

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3139.190	63170.46	10121.48	2184.134	3395.781
Stddev	3.438	176.02	31.23	6.929	6.774
%RSD	.1095075	.2786480	.3085407	.3172538	.1994693
#1	3137.013	63239.44	10151.45	2191.967	3394.588
#2	3143.153	62970.40	10123.85	2178.802	3403.072
#3	3137.404	63301.55	10089.13	2181.634	3389.683

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: Q1047-17DLX2 Acquired: 1/24/2025 16:30:35 Type: Unk
Method: EPA SFAM01.0(v55) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCQ52 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0541440	-.004276	2.640388	.0186053	.0130887	31.87984	16.59315
Stddev	.0028275	.001363	.007386	.0040492	.0015689	.18329	.19509
%RSD	5.222278	31.87068	.2797440	21.76387	11.98663	.5749502	1.175738
#1	.0568310	-.005847	2.632671	.0210455	.0138391	32.08449	16.41596
#2	.0511942	-.003410	2.641102	.0139312	.0141414	31.82425	16.80222
#3	.0544068	-.003572	2.647392	.0208393	.0112855	31.73078	16.56128

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0046819	.0212111	82.82945	.2645420	.0729339	.1686854	99.43321
Stddev	.0000267	.0000858	.30141	.0010356	.0001601	.0011087	.52008
%RSD	.5707100	.4046539	.3638923	.3914841	.2194640	.6572750	.5230432
#1	.0046693	.0211617	83.16188	.2657378	.0730461	.1676940	100.0215
#2	.0047126	.0211615	82.57399	.2639446	.0727506	.1698826	99.2434
#3	.0046637	.0213102	82.75247	.2639434	.0730050	.1684796	99.0347

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.809070	33.25965	.0943513	.0018824	.5594387	.1762220	2.138443
Stddev	.016232	.24170	.0003777	.0003157	.2247657	.0022855	.008317
%RSD	.3375276	.7266992	.4003416	16.77341	40.17700	1.296970	.3889135
#1	4.821023	33.53416	.0939950	.0015192	.3098170	.1761462	2.146269
#2	4.790591	33.16598	.0943115	.0020919	.7457829	.1739753	2.129710
#3	4.815596	33.07880	.0947473	.0020360	.6227160	.1785445	2.139349

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.182148	3.811515	.4121872	.0041474	6.820533	7.121133	.0394557
Stddev	.056741	.021125	.0023222	.0002405	.022629	.021374	.0011760
%RSD	1.783104	.5542412	.5633811	5.800009	.3317757	.3001419	2.980422
#1	3.244820	3.800505	.4148685	.0038774	6.844528	7.133271	.0395524
#2	3.167357	3.798169	.4108749	.0043391	6.799577	7.096454	.0382345
#3	3.134267	3.835871	.4108183	.0042256	6.817493	7.133674	.0405804

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: Q1047-17DLX2 Acquired: 1/24/2025 16:30:35 Type: Unk
Method: EPA SFAM01.0(v55) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCQ52 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6254493	.0119251	.1271723
Stddev	.0014804	.0008158	.0003337
%RSD	.2366929	6.841261	.2623598
#1	.6268201	.0116057	.1275015
#2	.6238795	.0128523	.1268343
#3	.6256482	.0113173	.1271810

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3427.958	68819.18	10084.89	2449.433	3809.941
Stddev	5.621	244.90	16.54	8.508	4.064
%RSD	.1639640	.3558529	.1640075	.3473490	.1066699
#1	3422.354	68536.48	10065.82	2440.140	3810.994
#2	3433.595	68966.51	10093.63	2456.839	3805.454
#3	3427.924	68954.53	10095.24	2451.321	3813.374

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: Q1047-18DLX2 Acquired: 1/24/2025 16:34:39 Type: Unk
Method: EPA SFAM01.0(v55) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCQ53 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0621058**	**-.001068**	**2.673122**	**.0251433**	**.0155752**	**36.06993**	**16.73101**
Stddev	.0018442	.000718	.016280	.0053513	.0014520	.06318	.11742
%RSD	2.969497	67.21117	.6090100	21.28308	9.322496	.1751710	.7018091
#1	.0600192	-.001510	2.666527	.0268500	.0147327	36.11108	16.81297
#2	.0635178	-.001453	2.661174	.0294332	.0147411	35.99718	16.59649
#3	.0627803	-.000240	2.691664	.0191469	.0172518	36.10151	16.78357

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0044664**	**.0164608**	**108.2246**	**.1299100**	**.0679644**	**.2503457**	**122.1549**
Stddev	.0000329	.0000660	.2898	.0002452	.0005574	.0029520	.3620
%RSD	.7358135	.4011123	.2677783	.1887552	.8201550	1.179154	.2963275
#1	.0045042	.0165209	108.2929	.1301929	.0676158	.2536857	122.3331
#2	.0044503	.0164713	107.9067	.1297794	.0676701	.2480863	121.7384
#3	.0044448	.0163901	108.4741	.1297577	.0686072	.2492651	122.3932

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**4.827861**	**45.61613**	**.1194151**	**.0033129**	**.3901493**	**.1816072**	**4.184757**
Stddev	.012029	.05604	.0003604	.0006483	.3624030	.0007631	.005266
%RSD	.2491582	.1228465	.3018306	19.57012	92.88827	.4202200	.1258371
#1	4.828330	45.61600	.1193202	.0034559	.7912412	.1808535	4.179634
#2	4.815604	45.56016	.1191117	.0026050	.2929468	.1823795	4.190155
#3	4.839649	45.67223	.1198135	.0038778	.0862600	.1815886	4.184480

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**3.756483**	**6.066346**	**.5190958**	**.0037313**	**6.401556**	**6.856431**	**.0195321**
Stddev	.082374	.025820	.0011347	.0002781	.032225	.014059	.0008458
%RSD	2.192851	.4256296	.2185813	7.452770	.5033941	.2050426	4.330079
#1	3.822310	6.047072	.5197754	.0034920	6.380411	6.846404	.0199497
#2	3.783030	6.056283	.5177859	.0040363	6.385612	6.872501	.0185588
#3	3.664109	6.095682	.5197261	.0036655	6.438645	6.850388	.0200879

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: Q1047-18DLX2 Acquired: 1/24/2025 16:34:39 Type: Unk
Method: EPA SFAM01.0(v55) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCQ53 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6742760	.0172117	.1725024
Stddev	.0014596	.0008482	.0006654
%RSD	.2164748	4.928253	.3857324
#1	.6727024	.0177533	.1724256
#2	.6755857	.0162341	.1718787
#3	.6745399	.0176476	.1732028

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3364.395	67209.53	10392.81	2376.444	3745.746
Stddev	15.361	240.82	5.74	3.728	15.367
%RSD	.4565878	.3583130	.0552047	.1568628	.4102431
#1	3372.924	66990.28	10392.55	2373.405	3748.479
#2	3373.599	67467.29	10387.22	2380.604	3759.563
#3	3346.661	67171.03	10398.68	2375.324	3729.196

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: Q1047-19DLX2 Acquired: 1/24/2025 16:38:42 Type: Unk
Method: EPA SFAM01.0(v55) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCQ54 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1056084**	**-.002802**	**3.720379**	**.0268507**	**.0179727**	**42.30559**	**17.38557**
Stddev	.0015362	.002170	.014627	.0038486	.0009371	.26002	.04210
%RSD	1.454581	77.45259	.3931494	14.33312	5.213871	.6146290	.2421284
#1	.1038363	-.000296	3.711383	.0268482	.0190034	42.58145	17.33896
#2	.1065629	-.004065	3.712498	.0307005	.0177426	42.06500	17.42082
#3	.1064259	-.004046	3.737256	.0230034	.0171722	42.27033	17.39694

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0045448**	**.0235641**	**105.3698**	**.1938491**	**.0779476**	**.7241574**	**132.9054**
Stddev	.0001152	.0001606	.3936	.0003645	.0006086	.0094865	.7403
%RSD	2.534827	.6815822	.3735000	.1880081	.7808247	1.310009	.5570170
#1	.0044453	.0233787	105.8180	.1942534	.0774449	.7232020	133.7046
#2	.0046710	.0236600	105.0808	.1937479	.0777736	.7340855	132.2430
#3	.0045182	.0236536	105.2106	.1935459	.0786243	.7151848	132.7687

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**5.381449**	**41.82916**	**.1265439**	**.0111976**	**1.303030**	**.1881059**	**5.973053**
Stddev	.020444	.18803	.0011404	.0000891	.215666	.0005828	.020747
%RSD	.3799011	.4495122	.9012000	.7956403	16.55115	.3098529	.3473450
#1	5.404498	42.00370	.1261457	.0112684	1.501549	.1887325	5.994974
#2	5.374343	41.63005	.1256561	.0110976	1.333980	.1875798	5.970462
#3	5.365507	41.85372	.1278301	.0112269	1.073560	.1880055	5.953723

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**4.678361**	**7.346560**	**.5608103**	**.0039359**	**7.117124**	**7.176235**	**.0345724**
Stddev	.026846	.032425	.0036199	.0000457	.044323	.025780	.0006326
%RSD	.5738321	.4413583	.6454857	1.161598	.6227611	.3592400	1.829770
#1	4.674782	7.327591	.5649741	.0038843	7.077452	7.163062	.0349567
#2	4.706818	7.328089	.5584099	.0039712	7.108959	7.205940	.0349183
#3	4.653485	7.384000	.5590471	.0039523	7.164962	7.159703	.0338423

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: Q1047-19DLX2 Acquired: 1/24/2025 16:38:42 Type: Unk
Method: EPA SFAM01.0(v55) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCQ54 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7912889	.0224795	.1771400
Stddev	.0040839	.0012012	.0008325
%RSD	.5161012	5.343653	.4699647
#1	.7897576	.0238433	.1781007
#2	.7959172	.0220163	.1766871
#3	.7881921	.0215788	.1766321

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3416.825	67600.42	10670.04	2360.082	3796.778
Stddev	14.008	133.20	55.79	7.934	9.649
%RSD	.4099839	.1970443	.5228626	.3361820	.2541453
#1	3415.026	67451.04	10722.80	2352.588	3800.298
#2	3431.647	67706.86	10611.65	2368.393	3804.172
#3	3403.804	67643.35	10675.67	2359.264	3785.862

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: Q1047-20DLX2 Acquired: 1/24/2025 16:42:44 Type: Unk
Method: EPA SFAM01.0(v55) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCQ55 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0744568	-.003786	2.346682	.0338391	.0169724	57.80353	15.28266
Stddev	.0019825	.001768	.007603	.0032865	.0012569	.38598	.12934
%RSD	2.662663	46.71215	.3239884	9.712032	7.405680	.6677460	.8463127
#1	.0722740	-.005068	2.339164	.0300776	.0161920	57.36125	15.22495
#2	.0749508	-.001768	2.346515	.0352853	.0163028	58.07234	15.43080
#3	.0761456	-.004521	2.354367	.0361545	.0184224	57.97699	15.19222

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0058068	.0151938	138.1967	.1439016	.1013957	1.859653	150.1366
Stddev	.0000158	.0001530	.7224	.0006980	.0006397	.013320	.9381
%RSD	.2727919	1.006931	.5227263	.4850181	.6309153	.7162612	.6248040
#1	.0058251	.0152865	137.3632	.1431018	.1015203	1.845543	149.0575
#2	.0057979	.0150172	138.6419	.1443874	.1007028	1.872010	150.7575
#3	.0057975	.0152776	138.5850	.1442156	.1019639	1.861405	150.5946

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.755083	61.74267	.1363682	.0055790	.0375943	.2405016	2.776078
Stddev	.027955	.24649	.0001853	.0001316	.3037364	.0003189	.014448
%RSD	.4138351	.3992160	.1358761	2.358244	807.9332	.1326139	.5204594
#1	6.723576	61.46562	.1363548	.0055250	.3073924	.2401373	2.761361
#2	6.776915	61.82474	.1365598	.0054831	-.291373	.2407307	2.790242
#3	6.764759	61.93765	.1361899	.0057290	.096763	.2406366	2.776631

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.522795	7.497062	.6306334	.0054896	6.546747	7.067312	.0354412
Stddev	.070145	.008841	.0043427	.0005520	.010581	.040700	.0009332
%RSD	.8230296	.1179324	.6886190	10.05595	.1616199	.5758925	2.633189
#1	8.443064	7.487012	.6257850	.0061005	6.536400	7.020933	.0344092
#2	8.550310	7.500533	.6341659	.0050267	6.546295	7.097079	.0356886
#3	8.575012	7.503642	.6319492	.0053415	6.557547	7.083924	.0362258

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: Q1047-20DLX2 Acquired: 1/24/2025 16:42:44 Type: Unk
Method: EPA SFAM01.0(v55) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: GCQ55 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8073480	.0286632	.1737993
Stddev	.0050239	.0002000	.0008765
%RSD	.6222732	.6975701	.5043352
#1	.8015496	.0288926	.1727873
#2	.8104011	.0285708	.1742899
#3	.8100933	.0285262	.1743208

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3327.954	67782.74	10836.68	2364.364	3601.154
Stddev	.820	266.49	49.52	15.877	4.360
%RSD	.0246270	.3931560	.4569518	.6715239	.1210713
#1	3328.167	68089.65	10892.11	2382.291	3606.164
#2	3327.050	67610.00	10796.82	2352.076	3599.080
#3	3328.647	67648.57	10821.10	2358.725	3598.218

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: PB166163TB Acquired: 1/24/2025 16:46:47 Type: Unk
Method: EPA SFAM01.0(v55) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LEB163 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000803**	**.0004508**	**-.000778**	**-.001186**	**-.000277**	**.0269071**
Stddev	.001493	.0017617	.000506	.003562	.000585	.0040137
%RSD	185.8946	390.7508	65.07387	300.3131	211.0991	14.91678
#1	-.001576	.0002748	-.000240	-.002097	-.000104	.0226204
#2	.000918	.0022939	-.001245	-.004205	-.000930	.0305761
#3	-.001751	-.001216	-.000848	.002743	.000202	.0275248

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.001600**	**-.000022**	**-.000001**	**.0336239**	**.0004756**	**.0004464**
Stddev	.000346	.000044	.000059	.0087216	.0003917	.0002188
%RSD	21.60522	195.9583	7277.382	25.93865	82.34565	49.01167
#1	-.001423	-.000066	-.000005	.0288866	.0001634	.0006152
#2	-.001999	.000021	-.000058	.0436889	.0003484	.0005248
#3	-.001380	-.000022	.000060	.0282961	.0009151	.0001992

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0007175**	**.0251412**	**.0116566**	**-.003343**	**.0001329**	**.0001861**
Stddev	.0024941	.0036913	.0003496	.016878	.0004638	.0004103
%RSD	347.6051	14.68250	2.999064	504.9451	348.9471	220.4088
#1	-.001710	.0255031	.0120568	.015896	-.000379	-.000282
#2	.003273	.0212822	.0114107	-.010265	.000251	.000355
#3	.000590	.0286382	.0115022	-.015659	.000526	.000485

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1948037**	**.0005279**	**.0007587**	**-1.89117**	**.0036286**	F **-.013128**
Stddev	.1426035	.0010222	.0016974	.02499	.0012317	.000305
%RSD	73.20369	193.6359	223.7426	1.321551	33.94300	2.322163
#1	.3520224	-.000412	-.001180	-1.87223	.0022678	-.012813
#2	.0737980	.000380	.001979	-1.88178	.0039510	-.013422
#3	.1585906	.001616	.001477	-1.91950	.0046670	-.013147

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: PB166163TB Acquired: 1/24/2025 16:46:47 Type: Unk
Method: EPA SFAM01.0(v55) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LEB163 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000369	F 7.875364	.0129231	.0006484	-.000716	-.005726
Stddev	.000057	.012715	.0019751	.0006433	.001126	.000449
%RSD	15.32091	.1614567	15.28331	99.21361	157.4273	7.849177
#1	-.000317	7.870715	.0126397	.0009400	.000566	-.005920
#2	-.000361	7.889750	.0150245	-.000089	-.001549	-.006047
#3	-.000429	7.865628	.0111050	.001094	-.001164	-.005212

Elem	Sr4077
Units	ppm
Avg	.0001186
Stddev	.0000559
%RSD	47.11163
#1	.0000558
#2	.0001629
#3	.0001371

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3367.629	71700.68	10296.29	2468.663	4141.872
Stddev	4.411	203.33	68.28	9.922	7.562
%RSD	.1309689	.2835809	.6631101	.4019316	.1825753
#1	3372.299	71861.20	10374.90	2475.302	4149.946
#2	3367.056	71768.80	10262.21	2473.431	4140.716
#3	3363.534	71472.04	10251.77	2457.257	4134.955

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: Q1106-01 Acquired: 1/24/2025 16:50:56 Type: Unk
Method: EPA SFAM01.0(v55) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: YE8G3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0011510**	**-.003466**	**.0045710**	**-.013901**	**.0043137**	**-.130133**
Stddev	.0024189	.001759	.0024653	.001770	.0016313	.013358
%RSD	210.1455	50.75014	53.93308	12.72930	37.81681	10.26457
#1	.0023921	-.001798	.0019807	-.015782	.0025693	-.143336
#2	.0026975	-.005303	.0048437	-.012270	.0058014	-.130436
#3	-.001636	-.003297	.0068887	-.013651	.0045703	-.116626

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2271972**	**.0000739**	**-.000085**	F **1054.702**	**.2467631**	**-.001476**
Stddev	.0008416	.0000128	.000046	5.587	.0013058	.000141
%RSD	.3704222	17.25111	54.16440	.5297174	.5291889	9.574118
#1	.2271202	.0000886	-.000036	1048.957	.2468015	-.001497
#2	.2280746	.0000651	-.000128	1060.117	.2480494	-.001606
#3	.2263967	.0000681	-.000091	1055.031	.2454386	-.001326

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0050470**	**.0122005**	**.0007105**	**-.011276**	**-.000301**	**-.000690**
Stddev	.0009992	.0050565	.0003414	.018594	.000456	.000197
%RSD	19.79798	41.44541	48.05800	164.8978	151.3317	28.53863
#1	.0057351	.0179563	.0004603	.008228	-.000537	-.000488
#2	.0039009	.0084728	.0010995	-.013255	-.000591	-.000882
#3	.0055049	.0101725	.0005717	-.028802	.000224	-.000699

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**24.58528**	**.0030283**	**.0384489**	**120.4608**	**.0026577**	**.0329184**
Stddev	.25620	.0004470	.0015455	.5817	.0003128	.0006778
%RSD	1.042088	14.76233	4.019721	.4828569	11.76773	2.059003
#1	24.34192	.0026665	.0398317	119.8371	.0023081	.0322597
#2	24.85263	.0035280	.0387344	120.9884	.0029109	.0328818
#3	24.56128	.0028902	.0367805	120.5569	.0027542	.0336138

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: Q1106-01 Acquired: 1/24/2025 16:50:56 Type: Unk
Method: EPA SFAM01.0(v55) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: YE8G3 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1806359	F 241.7760	.1653585	-.003793	-.035003	.2830010
Stddev	.0010659	.4119	.0015097	.000729	.000250	.0024763
%RSD	.5900990	.1703758	.9129839	19.23127	.7137279	.8750048
#1	.1795843	241.7048	.1655913	-.002957	-.035156	.2805874
#2	.1817156	242.2188	.1667383	-.004119	-.035138	.2855355
#3	.1806078	241.4042	.1637460	-.004303	-.034715	.2828803

Elem	Sr4077
Units	ppm
Avg	5.266404
Stddev	.017211
%RSD	.3268038
#1	5.251045
#2	5.263162
#3	5.285005

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2957.172	59879.38	9493.715	2055.366	3380.130
Stddev	9.344	289.91	5.164	5.640	12.515
%RSD	.3159770	.4841527	.0543898	.2743831	.3702373
#1	2964.740	60148.65	9487.759	2056.963	3391.657
#2	2946.728	59572.51	9496.934	2049.100	3366.820
#3	2960.049	59917.00	9496.453	2060.035	3381.913

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: Q1106-02 Acquired: 1/24/2025 16:55:17 Type: Unk
Method: EPA SFAM01.0(v55) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: YE8G5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0072201	-.002311	.0242184	.0224517	.0125614	58.72656
Stddev	.0009155	.001632	.0021620	.0023547	.0007884	.28529
%RSD	12.68001	70.62393	8.927175	10.48787	6.276309	.4857973
#1	.0081832	-.000434	.0249006	.0222179	.0133703	59.02213
#2	.0071159	-.003100	.0259570	.0202226	.0117953	58.45280
#3	.0063611	-.003398	.0217975	.0249145	.0125186	58.70475

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0735924	.0118842	.0094595	145.2845	.3512743	.5676092
Stddev	.0000990	.0002166	.0000330	.7883	.0020260	.0010318
%RSD	.1344901	1.822197	.3489499	.5426028	.5767600	.1817804
#1	.0737054	.0116651	.0094605	146.1945	.3534283	.5677640
#2	.0735210	.0118895	.0094260	144.8076	.3494067	.5665088
#3	.0735508	.0120981	.0094920	144.8515	.3509880	.5685549

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.079777	143.6247	F 30.79670	47.31184	.2158386	.0063419
Stddev	.002732	.5529	.42832	.22795	.0003322	.0001161
%RSD	.2530322	.3849907	1.390783	.4818126	.1539204	1.830300
#1	1.080304	144.2403	30.72531	47.56166	.2157594	.0064261
#2	1.082207	143.1702	30.40857	47.11512	.2155531	.0062095
#3	1.076819	143.4636	31.25623	47.25874	.2162032	.0063900

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.91991	.3727523	1.177866	8.227340	2.874931	1.108791
Stddev	.53444	.0015603	.004798	.052050	.003176	.000487
%RSD	3.839395	.4185889	.4073718	.6326488	.1104643	.0438990
#1	14.51363	.3711959	1.177727	8.286158	2.874111	1.108424
#2	13.76885	.3743165	1.182733	8.187228	2.878436	1.108605
#3	13.47726	.3727443	1.173139	8.208635	2.872245	1.109343

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: Q1106-02 Acquired: 1/24/2025 16:55:17 Type: Unk
Method: EPA SFAM01.0(v55) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: YE8G5 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0032236	F 376.4623	F 23.13947	-.001489	.0001586	.0558184
Stddev	.0001500	.1312	.02574	.001636	.0006046	.0006045
%RSD	4.652159	.0348595	.1112365	109.8974	381.3371	1.083009
#1	.0031808	376.3130	23.15122	.000350	.0006009	.0554971
#2	.0030997	376.5144	23.15724	-.002785	.0004052	.0554425
#3	.0033903	376.5594	23.10996	-.002031	-.000530	.0565158

Elem	Sr4077
Units	ppm
Avg	.9747889
Stddev	.0171508
%RSD	1.759439
#1	.9843203
#2	.9549895
#3	.9850571

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3984.562	80410.96	12537.09	2816.277	3759.631
Stddev	8.010	137.44	51.57	12.341	2.674
%RSD	.2010270	.1709168	.4113100	.4382174	.0711166
#1	3991.448	80379.29	12596.03	2815.432	3761.657
#2	3975.771	80561.47	12514.97	2804.380	3756.600
#3	3986.466	80292.13	12500.27	2829.019	3760.635

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: Q1106-03 Acquired: 1/24/2025 16:59:30 Type: Unk
Method: EPA SFAM01.0(v55) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: YE8G6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0057132**	**-.001187**	**.0021779**	**-.008730**	**.0032686**	**-.113820**
Stddev	.0008365	.001407	.0004765	.000999	.0018924	.006667
%RSD	14.64086	118.6127	21.87808	11.44149	57.89628	5.857837
#1	.0062661	-.000162	.0017628	-.009227	.0035646	-.121454
#2	.0061226	-.002791	.0026981	-.007580	.0012457	-.110867
#3	.0047509	-.000607	.0020727	-.009383	.0049956	-.109139

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0945270**	**.0000167**	**-.000064**	**737.0155**	**.0633646**	**-.001078**
Stddev	.0010152	.0001022	.000097	5.7411	.0000884	.000140
%RSD	1.073987	611.5437	152.5855	.7789702	.1395043	13.00907
#1	.0950484	.0000226	-.000130	735.9743	.0633110	-.001062
#2	.0933570	.0001158	.000048	731.8663	.0634666	-.000947
#3	.0951755	-.000088	-.000110	743.2060	.0633162	-.001226

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0010830**	**.0096184**	**.0029170**	**2.596422**	**-.000317**	**-.000644**
Stddev	.0011311	.0034100	.0002549	.004284	.000048	.000367
%RSD	104.4413	35.45262	8.737779	.1650118	15.21794	57.02784
#1	.0008958	.0065221	.0028100	2.598912	-.000364	-.000220
#2	.0000572	.0090600	.0032079	2.598879	-.000268	-.000870
#3	.0022960	.0132731	.0027330	2.591475	-.000319	-.000840

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**5.522633**	**.0511454**	**.0059326**	**3.270465**	**.0087614**	**.0788106**
Stddev	.360852	.0022816	.0014335	.045450	.0031442	.0006411
%RSD	6.534052	4.460920	24.16337	1.389710	35.88753	.8134747
#1	5.867617	.0498427	.0066912	3.299104	.0051501	.0795473
#2	5.552508	.0498136	.0042792	3.218059	.0102426	.0783791
#3	5.147772	.0537798	.0068274	3.294231	.0108915	.0785054

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: Q1106-03 Acquired: 1/24/2025 16:59:30 Type: Unk
Method: EPA SFAM01.0(v55) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: YE8G6 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0783950	F 418.6172	8.446514	-.003317	-.025541	.0222142
Stddev	.0001660	.8696	.027138	.001284	.000498	.0009346
%RSD	.2117606	.2077290	.3212919	38.71361	1.949971	4.207098
#1	.0785358	417.6318	8.437209	-.004527	-.025276	.0215106
#2	.0782119	418.9432	8.425253	-.003454	-.025231	.0232746
#3	.0784372	419.2768	8.477081	-.001970	-.026115	.0218573

Elem	Sr4077
Units	ppm
Avg	1.161817
Stddev	.007844
%RSD	.6751850
#1	1.163909
#2	1.168404
#3	1.153139

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3076.315	63792.33	9834.275	2209.605	3579.858
Stddev	4.424	109.79	9.600	8.713	6.246
%RSD	.1438161	.1721017	.0976166	.3943032	.1744799
#1	3079.458	63733.48	9830.368	2201.744	3573.989
#2	3078.232	63918.99	9827.244	2208.097	3586.423
#3	3071.256	63724.50	9845.212	2218.973	3579.164

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: Q1106-04 Acquired: 1/24/2025 17:03:53 Type: Unk
Method: EPA SFAM01.0(v55) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: YE8G6D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0011637	.0008036	.0010836	-.011083	.0016709	-.169763
Stddev	.0031453	.0027810	.0004332	.002080	.0016883	.010065
%RSD	270.2751	346.0826	39.98261	18.76624	101.0391	5.928815
#1	-.002159	.0007385	.0009792	-.013396	.0002108	-.158994
#2	.004095	.0036166	.0007121	-.009366	.0012824	-.171362
#3	.001554	-.001944	.0015595	-.010488	.0035196	-.178932

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1000140	-.000006	-.000046	761.2774	.0622685	-.001038
Stddev	.0005992	.000038	.000071	2.4166	.0002489	.000248
%RSD	.5990778	612.8133	156.2611	.3174461	.3996965	23.87976
#1	.1006315	.000036	-.000112	758.5445	.0621900	-.001212
#2	.0999755	-.000040	-.000055	763.1325	.0620683	-.000754
#3	.0994350	-.000015	.000030	762.1551	.0625471	-.001146

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0023047	.0119117	.0023503	2.679664	-.000472	-.000564
Stddev	.0013481	.0048333	.0004763	.020139	.000509	.000304
%RSD	58.49344	40.57600	20.26363	.7515342	107.8499	53.83788
#1	.0016715	.0173182	.0021876	2.671519	-.001043	-.000536
#2	.0013898	.0104074	.0028866	2.702599	-.000302	-.000880
#3	.0038528	.0080094	.0019767	2.664873	-.000069	-.000275

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.101400	.0496648	.0046025	3.464069	.0072691	.0733252
Stddev	.387215	.0020398	.0019458	.051062	.0004742	.0011242
%RSD	7.590367	4.107172	42.27640	1.474057	6.524044	1.533222
#1	4.660814	.0520117	.0045871	3.460023	.0074386	.0745565
#2	5.255744	.0486648	.0065560	3.517034	.0076353	.0723533
#3	5.387639	.0483181	.0026645	3.415150	.0067334	.0730659

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: Q1106-04 Acquired: 1/24/2025 17:03:53 Type: Unk
Method: EPA SFAM01.0(v55) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: YE8G6D Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0788035	F 414.6406	8.367439	-.002586	-.025159	.0249074
Stddev	.0005474	.2827	.049816	.000737	.001195	.0009434
%RSD	.6946133	.0681682	.5953586	28.47651	4.749255	3.787531
#1	.0782054	414.4345	8.419696	-.003106	-.026348	.0241698
#2	.0789253	414.5244	8.362134	-.001744	-.025169	.0259704
#3	.0792797	414.9628	8.320488	-.002910	-.023959	.0245821

Elem	Sr4077
Units	ppm
Avg	1.249991
Stddev	.009342
%RSD	.7473758
#1	1.239276
#2	1.254267
#3	1.256431

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3075.167	65190.38	10599.73	2194.607	3620.273
Stddev	9.061	25.34	82.65	5.405	5.804
%RSD	.2946381	.0388780	.7797317	.2462784	.1603227
#1	3082.881	65209.35	10511.39	2199.565	3626.933
#2	3077.431	65200.20	10612.61	2195.412	3617.592
#3	3065.189	65161.60	10675.18	2188.845	3616.294

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: Q1106-03LX5 Acquired: 1/24/2025 17:08:15 Type: Unk
Method: EPA SFAM01.0(v55) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: YE8G6L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0010777**	**-.000485**	**.0000878**	**-.001581**	**-.000345**	**-.077918**
Stddev	.0027257	.001277	.0012455	.001859	.002089	.009920
%RSD	252.9066	263.4310	1419.423	117.5781	604.7464	12.73135
#1	.0015973	.000983	-.000423	-.000820	-.000669	-.067344
#2	-.001870	-.001340	.001507	-.000223	-.002254	-.079391
#3	.003506	-.001096	-.000821	-.003699	.001887	-.087019

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0135169**	**-.000042**	**-.000077**	**151.6705**	**.0125157**	**-.000177**
Stddev	.0012240	.000047	.000133	1.4554	.0004016	.000144
%RSD	9.055229	111.8370	172.2511	.9595611	3.208796	81.55761
#1	.0121444	-.000077	.000055	152.0689	.0123625	-.000318
#2	.0139113	-.000060	-.000212	150.0575	.0122133	-.000030
#3	.0144951	.000011	-.000075	152.8852	.0129714	-.000183

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0003698**	**.0027763**	**.0001761**	**.5419344**	**.0000194**	**.0000378**
Stddev	.0021614	.0038967	.0001710	.0091303	.0001167	.0005090
%RSD	584.4775	140.3578	97.13884	1.684756	602.5275	1344.928
#1	.0027087	.0071601	-.000020	.5416344	-.000014	.0004227
#2	-.000045	-.000294	.000294	.5329578	.000149	-.000539
#3	-.001554	.001462	.000254	.5512109	-.000077	.000230

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.468581**	**.0112992**	**.0006894**	**.4826855**	**.0031262**	**.0044515**
Stddev	.311790	.0014920	.0022333	.0345723	.0014114	.0005323
%RSD	21.23066	13.20478	323.9510	7.162496	45.14822	11.95876
#1	1.363458	.0122977	.0027035	.5172631	.0043934	.0050650
#2	1.819345	.0095840	.0010770	.4826750	.0016050	.0041769
#3	1.222940	.0120159	-.001712	.4481185	.0033802	.0041124

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: Q1106-03LX5 Acquired: 1/24/2025 17:08:15 Type: Unk
Method: EPA SFAM01.0(v55) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: YE8G6L Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0157794	F 81.95716	1.619105	-.002418	-.005664	.0023511
Stddev	.0001200	.20422	.010676	.000569	.000219	.0015269
%RSD	.7603429	.2491748	.6593640	23.53134	3.873120	64.94281
#1	.0159179	82.04046	1.631152	-.001764	-.005494	.0009298
#2	.0157148	81.72446	1.610818	-.002796	-.005587	.0039652
#3	.0157056	82.10656	1.615345	-.002694	-.005912	.0021582

Elem	Sr4077
Units	ppm
Avg	.2436062
Stddev	.0033647
%RSD	1.381188
#1	.2453418
#2	.2397281
#3	.2457486

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3249.162	68190.70	10983.73	2282.743	3967.134
Stddev	6.625	316.84	63.81	9.585	4.953
%RSD	.2038962	.4646408	.5809191	.4198819	.1248460
#1	3243.249	68367.50	11039.64	2283.403	3961.534
#2	3256.322	68379.70	10914.22	2291.981	3970.937
#3	3247.916	67824.91	10997.33	2272.845	3968.933

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: Q1106-05 Acquired: 1/24/2025 17:12:20 Type: Unk
Method: EPA SFAM01.0(v55) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: YE8G6S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0401873**	**.0484122**	**.0199628**	**.0859559**	**.0942744**	**1.700483**
Stddev	.0010687	.0011842	.0004511	.0015823	.0014578	.000881
%RSD	2.659348	2.446065	2.259878	1.840823	1.546357	.0517850
#1	.0393813	.0485027	.0199572	.0867789	.0925911	1.700201
#2	.0413996	.0471853	.0204167	.0869571	.0951283	1.701470
#3	.0397810	.0495485	.0195144	.0841317	.0951037	1.699778

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.074842**	**.0444321**	**.0460784**	**787.4305**	**.2635735**	**.4698827**
Stddev	.009114	.0001025	.0000874	2.4311	.0015546	.0004990
%RSD	.4392801	.2306129	.1896148	.3087434	.5898295	.1062024
#1	2.064459	.0443170	.0460455	785.3669	.2629792	.4703777
#2	2.078540	.0444659	.0461774	786.8142	.2624036	.4698908
#3	2.081525	.0445134	.0460122	790.1105	.2653376	.4693797

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2400453**	**1.050491**	**.4842637**	**2.745804**	**.4719421**	**.0364116**
Stddev	.0013763	.004860	.0019744	.019228	.0007754	.0005100
%RSD	.5733457	.4626353	.4077142	.7002766	.1643025	1.400801
#1	.2400748	1.045121	.4820070	2.739256	.4724125	.0369996
#2	.2414066	1.051767	.4851111	2.730705	.4710471	.0360886
#3	.2386544	1.054586	.4856729	2.767451	.4723667	.0361467

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**5.047995**	**.5209531**	**.5070098**	**3.690230**	**.0098522**	**.0750229**
Stddev	.052323	.0025090	.0019166	.027636	.0010515	.0003685
%RSD	1.036510	.4816214	.3780260	.7489081	10.67225	.4911310
#1	5.032612	.5182051	.5062120	3.658945	.0095003	.0753510
#2	5.106285	.5231218	.5091964	3.700418	.0110344	.0750934
#3	5.005088	.5215325	.5056209	3.711326	.0090218	.0746242

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: Q1106-05 Acquired: 1/24/2025 17:12:20 Type: Unk
Method: EPA SFAM01.0(v55) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: YE8G6S Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0784217	F 413.2365	8.227588	-.003614	-.024860	.0281472
Stddev	.0003143	1.0749	.036913	.000684	.001215	.0007447
%RSD	.4008328	.2601164	.4486449	18.92765	4.888415	2.645544
#1	.0780587	413.9734	8.226617	-.004099	-.024124	.0289519
#2	.0785987	412.0031	8.191169	-.002831	-.024194	.0274825
#3	.0786076	413.7330	8.264976	-.003911	-.026263	.0280072

Elem	Sr4077
Units	ppm
Avg	1.281866
Stddev	.008527
%RSD	.6651755
#1	1.276199
#2	1.277727
#3	1.291672

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3079.339	64573.29	10836.57	2155.882	3628.109
Stddev	5.888	382.01	62.11	7.618	6.175
%RSD	.1912225	.5915970	.5731262	.3533552	.1701944
#1	3083.188	64782.82	10862.11	2159.565	3623.721
#2	3082.268	64804.69	10881.83	2160.958	3635.170
#3	3072.561	64132.36	10765.76	2147.122	3625.437

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: Q1106-06 Acquired: 1/24/2025 17:16:33 Type: Unk
Method: EPA SFAM01.0(v55) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: YE8H0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0048609**	**-.000614**	**.0042283**	**.0061880**	**.0034904**	**46.24390**
Stddev	.0008736	.003270	.0009762	.0022963	.0005837	.18850
%RSD	17.97232	532.2438	23.08716	37.10866	16.72182	.4076125
#1	.0047767	-.001318	.0031046	.0085838	.0039349	46.16912
#2	.0040324	.002950	.0047128	.0059741	.0037069	46.10426
#3	.0057736	-.003476	.0048674	.0040062	.0028294	46.45831

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0817241**	**.0023475**	**.0015443**	**109.4723**	**.0471497**	**.1073712**
Stddev	.0003677	.0000606	.0000638	.3565	.0003229	.0001358
%RSD	.4499205	2.581894	4.132214	.3256415	.6848312	.1265145
#1	.0814034	.0022798	.0016177	109.1034	.0468803	.1072268
#2	.0816436	.0023969	.0015136	109.4985	.0475076	.1073903
#3	.0821254	.0023657	.0015017	109.8150	.0470610	.1074964

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1396670**	**52.93091**	**5.207138**	**59.55441**	**.0712587**	**.0019109**
Stddev	.0015123	.16842	.023761	.05747	.0002276	.0003634
%RSD	1.082790	.3181908	.4563137	.0964931	.3193633	19.01662
#1	.1396623	52.76097	5.180510	59.48880	.0711183	.0014913
#2	.1411817	52.93400	5.214726	59.57857	.0715212	.0021231
#3	.1381571	53.09777	5.226178	59.59585	.0711365	.0021184

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**7.948238**	**.0885514**	**1.073909**	**1.197513**	**3.031275**	**.6936952**
Stddev	.095083	.0004854	.011035	.043012	.006270	.0009972
%RSD	1.196279	.5481870	1.027583	3.591756	.2068476	.1437545
#1	7.989823	.0890743	1.061524	1.159026	3.027032	.6935191
#2	7.839446	.0881151	1.077508	1.189571	3.028316	.6947687
#3	8.015444	.0884649	1.082696	1.243942	3.038477	.6927977

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: Q1106-06 Acquired: 1/24/2025 17:16:33 Type: Unk
Method: EPA SFAM01.0(v55) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: YE8H0 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000861	F 399.6421	F 20.49571	-.003124	.0154441	.0256593
Stddev	.000245	1.0746	.04726	.000996	.0007665	.0019888
%RSD	28.42003	.2689017	.2305799	31.87394	4.962863	7.750944
#1	-.000608	399.2487	20.45874	-.003851	.0153901	.0244127
#2	-.000880	398.8195	20.54895	-.001989	.0162362	.0246123
#3	-.001097	400.8580	20.47943	-.003531	.0147061	.0279529

Elem	Sr4077
Units	ppm
Avg	.3782035
Stddev	.0019714
%RSD	.5212437
#1	.3764426
#2	.3778347
#3	.3803332

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3739.155	79051.10	12932.28	2638.420	3906.958
Stddev	13.313	21.60	54.96	7.438	19.406
%RSD	.3560455	.0273266	.4249955	.2819217	.4967059
#1	3751.027	79074.81	12904.24	2645.308	3921.119
#2	3741.676	79032.54	12896.99	2639.419	3914.918
#3	3724.762	79045.95	12995.61	2630.533	3884.838

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: Q1106-07 Acquired: 1/24/2025 17:20:31 Type: Unk
Method: EPA SFAM01.0(v55) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: YE8H1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1321525**	**-.027686**	**.0129569**	**.1154277**	**.0543676**	**14.72764**
Stddev	.0038426	.002762	.0004762	.0031979	.0011743	.05913
%RSD	2.907683	9.974214	3.675054	2.770457	2.159909	.4014829
#1	.1358361	-.030870	.0124353	.1118760	.0545604	14.77099
#2	.1281686	-.026257	.0130671	.1180785	.0554335	14.66028
#3	.1324527	-.025933	.0133683	.1163285	.0531088	14.75163

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0911922**	**.0059134**	**.0134874**	**118.2468**	**.0847274**	**.6667246**
Stddev	.0008299	.0000495	.0001280	.4772	.0009155	.0003329
%RSD	.9100964	.8373551	.9487381	.4035630	1.080578	.0499318
#1	.0912097	.0058641	.0134371	118.5963	.0857333	.6663414
#2	.0903537	.0059631	.0133923	117.7031	.0839428	.6668897
#3	.0920133	.0059129	.0136329	118.4410	.0845060	.6669427

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.040820**	**581.1636**	F **35.26567**	**32.99236**	**.1805042**	**.0215851**
Stddev	.000342	2.8234	.15135	.10189	.0001933	.0003648
%RSD	.8386403	.4858184	.4291679	.3088201	.1071004	1.690185
#1	-.041020	583.5470	35.31411	33.09125	.1806056	.0219620
#2	-.041015	581.8983	35.38687	32.88772	.1806258	.0212337
#3	-.040424	578.0454	35.09603	32.99812	.1802813	.0215594

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**7.123240**	**.7078363**	**.9394010**	**5.297789**	**.6115477**	**2.830616**
Stddev	.310552	.0027623	.0075232	.038031	.0012619	.014399
%RSD	4.359694	.3902483	.8008450	.7178677	.2063430	.5086746
#1	7.101234	.7088301	.9447338	5.265905	.6108783	2.843597
#2	7.444209	.7099642	.9307959	5.287580	.6107617	2.833121
#3	6.824277	.7047146	.9426734	5.339883	.6130033	2.815129

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: Q1106-07 Acquired: 1/24/2025 17:20:31 Type: Unk
Method: EPA SFAM01.0(v55) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: YE8H1 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.007737	F 361.0648	7.992040	.0017731	-.001972	.0036226
Stddev	.000142	.6892	.029780	.0008691	.000011	.0003490
%RSD	1.832726	.1908855	.3726146	49.01625	.5478616	9.634491
#1	-.007753	361.4772	8.017070	.0025396	-.001965	.0032277
#2	-.007870	360.2691	7.959106	.0008288	-.001967	.0038898
#3	-.007588	361.4480	7.999944	.0019509	-.001985	.0037502

Elem	Sr4077
Units	ppm
Avg	1.006574
Stddev	.009848
%RSD	.9783417
#1	.995335
#2	1.010699
#3	1.013689

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3636.117	76418.59	12777.01	2566.543	3879.396
Stddev	7.497	150.38	37.10	5.851	9.589
%RSD	.2061866	.1967893	.2903798	.2279617	.2471883
#1	3635.219	76270.03	12770.21	2559.885	3886.403
#2	3644.022	76570.73	12743.78	2570.864	3883.318
#3	3629.108	76415.02	12817.04	2568.879	3868.468

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: Q1106-08 Acquired: 1/24/2025 17:24:52 Type: Unk
Method: EPA SFAM01.0(v55) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: YE8H2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.4342927**	**-.021909**	**.0081270**	**.1562036**	**.0739017**	**-.027119**
Stddev	.0017403	.001298	.0011825	.0026508	.0014550	.005534
%RSD	.4007107	5.923115	14.54991	1.697039	1.968843	20.40758
#1	.4360065	-.021338	.0077289	.1544026	.0744122	-.030249
#2	.4343446	-.020994	.0094572	.1592475	.0722602	-.020729
#3	.4325271	-.023394	.0071950	.1549606	.0750327	-.030380

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1168679**	**-.003074**	**.0113700**	**189.5895**	**-.005932**	**.1498445**
Stddev	.0002877	.000163	.0002402	.9458	.000743	.0000940
%RSD	.2461802	5.290934	2.112195	.4988755	12.51830	.0627075
#1	.1165581	-.003070	.0113381	190.5824	-.006649	.1499334
#2	.1169189	-.003238	.0111475	189.4870	-.005167	.1497462
#3	.1171267	-.002913	.0116246	188.6992	-.005980	.1498539

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.094086**	**788.4934**	**24.65136**	**62.44591**	**.0621881**	**.0188341**
Stddev	.003585	5.8078	.32720	.40050	.0004150	.0023500
%RSD	3.810331	.7365733	1.327293	.6413473	.6673826	12.47719
#1	-.093975	789.2725	24.62479	62.89368	.0618920	.0178563
#2	-.090558	793.8723	24.33825	62.32213	.0620098	.0215151
#3	-.097725	782.3353	24.99103	62.12191	.0626625	.0171309

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**16.36286**	**-.069634**	**1.144130**	**2.284950**	**.0273152**	**4.047847**
Stddev	.11471	.002325	.006675	.046487	.0023097	.028107
%RSD	.7010533	3.339307	.5834337	2.034501	8.455675	.6943733
#1	16.31903	-.069688	1.146791	2.333639	.0261034	4.056650
#2	16.49302	-.071932	1.149064	2.241033	.0258636	4.070500
#3	16.27652	-.067282	1.136535	2.280177	.0299786	4.016392

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: Q1106-08 Acquired: 1/24/2025 17:24:52 Type: Unk
Method: EPA SFAM01.0(v55) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: YE8H2 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.009493	F 427.8185	4.122575	.0027951	-.006744	.0003577
Stddev	.000349	.7413	.011898	.0004103	.001073	.0001589
%RSD	3.674541	.1732770	.2886171	14.67894	15.90247	44.41642
#1	-.009094	427.7211	4.116220	.0032685	-.005517	.0004881
#2	-.009738	427.1306	4.115203	.0025735	-.007501	.0001807
#3	-.009647	428.6036	4.136301	.0025432	-.007214	.0004042

Elem	Sr4077
Units	ppm
Avg	2.829223
Stddev	.012937
%RSD	.4572683
#1	2.820484
#2	2.844085
#3	2.823101

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3182.426	66139.15	10933.27	2226.850	3880.052
Stddev	1.379	102.91	61.56	.992	7.764
%RSD	.0433374	.1555957	.5630928	.0445526	.2001116
#1	3182.631	66032.19	10977.93	2227.475	3886.208
#2	3180.955	66237.47	10958.83	2227.370	3882.619
#3	3183.691	66147.79	10863.04	2225.706	3871.330

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: Q1106-09 Acquired: 1/24/2025 17:29:14 Type: Unk
Method: EPA SFAM01.0(v55) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: YE8H3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4261511	-.015933	.0281633	.0595525	.0332890	34.77627
Stddev	.0007441	.001884	.0015344	.0015901	.0009746	.22965
%RSD	.1745998	11.82704	5.448066	2.669992	2.927704	.6603771
#1	.4259026	-.014855	.0274626	.0611732	.0340834	34.75749
#2	.4269876	-.018109	.0271044	.0594893	.0335821	34.55658
#3	.4255631	-.014835	.0299229	.0579950	.0322015	35.01473

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0631185	.0100699	.0235272	92.54140	.0484334	.9131872
Stddev	.0008838	.0000773	.0000795	.52129	.0002022	.0031688
%RSD	1.400181	.7676372	.3380228	.5633021	.4175092	.3470072
#1	.0623811	.0100045	.0234905	92.51612	.0482001	.9129411
#2	.0628763	.0101552	.0234727	92.03321	.0485588	.9101487
#3	.0640981	.0100501	.0236185	93.07486	.0485412	.9164720

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.361267	332.9156	4.548168	62.81545	1.674446	.0045287
Stddev	.003402	.9548	.029167	.21423	.003935	.0004955
%RSD	.1440795	.2867878	.6412976	.3410400	.2350103	10.94116
#1	2.361332	333.9445	4.541061	62.76732	1.675621	.0046082
#2	2.364635	332.7442	4.523211	62.62937	1.670057	.0049796
#3	2.357832	332.0582	4.580232	63.04964	1.677659	.0039982

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.50017	.6943088	16.72973	9.013751	1.219535	1.799119
Stddev	.30379	.0007065	.15610	.077955	.003691	.003826
%RSD	2.893208	.1017507	.9330926	.8648487	.3026825	.2126502
#1	10.25161	.6934993	16.83999	9.012521	1.215286	1.803061
#2	10.83882	.6946263	16.55111	8.936418	1.221371	1.798874
#3	10.41008	.6948009	16.79809	9.092315	1.221948	1.795421

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: Q1106-09 Acquired: 1/24/2025 17:29:14 Type: Unk
Method: EPA SFAM01.0(v55) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: YE8H3 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.008196	F 373.9158	F 17.46153	-.000490	-.001873	.0244303
Stddev	.000371	.6072	.02990	.000446	.000556	.0007535
%RSD	4.527184	.1623797	.1712465	91.15096	29.70293	3.084442
#1	-.008042	374.0586	17.42899	-.000746	-.001376	.0246657
#2	-.007927	373.2500	17.48780	-.000748	-.002474	.0235872
#3	-.008620	374.4389	17.46781	.000026	-.001769	.0250381

Elem	Sr4077
Units	ppm
Avg	1.387288
Stddev	.019244
%RSD	1.387157
#1	1.397782
#2	1.399003
#3	1.365078

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4308.202	89188.96	14157.75	3017.484	3975.359
Stddev	12.037	140.42	68.46	20.103	8.466
%RSD	.2793884	.1574403	.4835513	.6662054	.2129718
#1	4302.781	89140.85	14161.51	2995.011	3971.397
#2	4321.996	89347.11	14087.49	3033.754	3985.080
#3	4299.830	89078.92	14224.25	3023.687	3969.600

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: CCV016 Acquired: 1/24/2025 17:42:12 Type: Unk
Method: EPA SFAM01.0(v55) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV016 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**4.894018**	**4.791908**	**23.88833**	**4.977031**	**5.048841**	**409.8568**
Stddev	.106973	.099505	.41283	.110030	.118751	3.9266
%RSD	2.185787	2.076529	1.728159	2.210762	2.352040	.9580396
#1	4.796333	4.695477	23.51308	4.889771	4.943603	407.7059
#2	4.877391	4.786021	23.82138	4.940685	5.025332	407.4757
#3	5.008331	4.894227	24.33055	5.100635	5.177588	414.3889

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**10.15338**	**.4529913**	**2.371790**	**395.6088**	**14.80133**	**2.437658**
Stddev	.21454	.0004700	.041446	3.7951	.05578	.044261
%RSD	2.112944	.1037574	1.747452	.9593052	.3768840	1.815710
#1	10.21548	.4534325	2.332933	391.9587	14.73702	2.397362
#2	9.91464	.4524970	2.367024	395.3338	14.83021	2.430582
#3	10.33001	.4530445	2.415413	399.5339	14.83675	2.485031

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**14.21940**	**405.2310**	**14.72757**	**390.0977**	**2.428556**	**1.245227**
Stddev	.06711	2.6753	.10815	2.1309	.046038	.004636
%RSD	.4719403	.6601861	.7343401	.5462364	1.895695	.3723146
#1	14.15187	402.2783	14.60641	387.6819	2.386883	1.240069
#2	14.22025	405.9210	14.76195	390.9015	2.420807	1.246564
#3	14.28608	407.4937	14.81436	391.7098	2.477976	1.249047

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**366.0317**	**2.348930**	**15.39187**	**155.5963**	**4.819363**	F **5.610673**
Stddev	.1392	.009615	.06758	1.1700	.096977	.018539
%RSD	.0380291	.4093415	.4390617	.7519506	2.012236	.3304226
#1	365.8721	2.338110	15.31625	154.3122	4.730902	5.593848
#2	366.0947	2.356496	15.41300	155.8747	4.804132	5.607625
#3	366.1282	2.352183	15.44636	156.6019	4.923054	5.630548

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: CCV016 Acquired: 1/24/2025 17:42:12 Type: Unk
Method: EPA SFAM01.0(v55) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV016 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**4.869141**	**4.942784**	**4.672270**	**4.831558**	**4.751369**	**5.085736**
Stddev	.105637	.095140	.009712	.086890	.008851	.035759
%RSD	2.169525	1.924829	.2078700	1.798392	.1862808	.7031269
#1	4.774229	4.857889	4.665743	4.751144	4.741373	5.045548
#2	4.850242	4.924848	4.683431	4.819801	4.754527	5.097617
#3	4.982952	5.045616	4.667635	4.923728	4.758209	5.114042

Elem	Sr4077
Units	ppm
Avg	**5.043433**
Stddev	.014989
%RSD	.2972043
#1	5.046479
#2	5.027155
#3	5.056666

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**2681.011**	**60338.93**	**10284.48**	**1981.125**	**3171.942**
Stddev	46.632	170.67	18.66	2.067	48.412
%RSD	1.739345	.2828456	.1814466	.1043154	1.526242
#1	2724.131	60534.14	10262.95	1979.378	3217.355
#2	2687.381	60264.67	10296.05	1983.407	3177.467
#3	2631.521	60217.97	10294.44	1980.592	3121.006

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: CCB016 Acquired: 1/24/2025 17:46:30 Type: Unk
Method: EPA SFAM01.0(v55) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB016 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0004784**	**-.000945**	**.0000296**	**-.000710**	**-.000274**	**.0119322**	**-.007471**
Stddev	.0018372	.001685	.0011451	.001711	.000688	.0046454	.000247
%RSD	383.9956	178.3123	3869.536	241.0420	251.1232	38.93176	3.311831
#1	-.001632	-.002890	.0012713	-.000942	-.000365	.0111754	-.007187
#2	.001351	.000026	-.000198	-.002292	-.000912	.0169095	-.007583
#3	.001717	.000030	-.000985	.001105	.000455	.0077116	-.007643

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0000082**	**.0000238**	**.0052836**	**.0005894**	**.0001222**	**.0021546**	**.0147737**
Stddev	.0000344	.0000643	.0047396	.0001488	.0001956	.0022090	.0054046
%RSD	417.7766	269.6174	89.70504	25.23600	160.0478	102.5216	36.58284
#1	.0000302	.0000646	.0085999	.0006047	.0000222	-.000261	.0086449
#2	.0000259	.0000572	.0073957	.0004336	.0003476	.002652	.0168191
#3	-.000031	-.000050	-.000145	.0007300	-.000003	.004073	.0188572

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000158**	**-.004630**	**-.000019**	**-.000087**	**-.102240**	**.0006872**	**-.000713**
Stddev	.000105	.005487	.000180	.000135	.379512	.0008225	.002415
%RSD	66.57641	118.5022	934.8393	154.2193	371.1978	119.6955	338.8621
#1	-.000040	.001334	.000165	-.000122	.167445	.0003463	-.001605
#2	-.000192	-.009464	-.000028	.000061	-.536217	.0016253	.002021
#3	-.000242	-.005760	-.000194	-.000202	.062053	.0000899	-.002554

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.135114**	**.0034128**	**-.006243**	**-.000185**	**.0179839**	**.0004980**	**.0010319**
Stddev	.031874	.0007036	.000606	.000449	.0022023	.0003658	.0004000
%RSD	23.59071	20.61685	9.705959	243.0415	12.24613	73.46089	38.76558
#1	-.098490	.0040827	-.006921	.000332	.0205264	.0006533	.0007882
#2	-.156589	.0026797	-.006050	-.000404	.0166683	.0007605	.0014936
#3	-.150263	.0034760	-.005756	-.000481	.0167569	.0000801	.0008140

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: CCB016 Acquired: 1/24/2025 17:46:30 Type: Unk
Method: EPA SFAM01.0(v55) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB016 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000168	-.002906	.0001828
Stddev	.000275	.001275	.0001064
%RSD	163.4071	43.88476	58.19193
#1	-.000446	-.004194	.0001268
#2	-.000165	-.001644	.0003054
#3	.000105	-.002880	.0001161

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3434.752	70739.36	11020.44	2413.557	4258.063
Stddev	5.478	383.19	47.54	16.976	4.899
%RSD	.1594755	.5416919	.4313489	.7033578	.1150537
#1	3432.792	70340.61	10965.56	2395.971	4252.548
#2	3440.940	70772.63	11049.02	2429.848	4261.913
#3	3430.524	71104.82	11046.73	2414.853	4259.727

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: Q1106-10 Acquired: 1/24/2025 17:50:39 Type: Unk
Method: EPA SFAM01.0(v55) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: YE8H4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0016427**	**-.001544**	**.0023738**	**-.009807**	**.0010844**	**2.289355**
Stddev	.0026325	.001226	.0011332	.001698	.0003809	.005966
%RSD	160.2610	79.38689	47.73969	17.31079	35.12137	.2606180
#1	-.000637	-.002954	.0023151	-.010566	.0006537	2.282467
#2	.001041	-.000734	.0035353	-.010993	.0012229	2.292670
#3	.004524	-.000944	.0012710	-.007862	.0013766	2.292928

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0688990**	**.0007173**	**.0020967**	**711.9091**	**.0110069**	**.0193360**
Stddev	.0003662	.0000404	.0000500	2.6996	.0000977	.0001064
%RSD	.5315657	5.636682	2.385567	.3792104	.8879976	.5504890
#1	.0687209	.0007142	.0021541	710.2948	.0110962	.0194132
#2	.0693203	.0006786	.0020728	710.4067	.0109025	.0193803
#3	.0686560	.0007592	.0020630	715.0257	.0110220	.0192146

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0079030**	**.1640593**	**1.837748**	**22.73651**	**.0909661**	**-.000238**
Stddev	.0004403	.0023687	.010622	.03460	.0009056	.000465
%RSD	5.571003	1.443792	.5779779	.1521906	.9955407	195.4620
#1	.0083200	.1667718	1.825835	22.69909	.0913575	.000215
#2	.0074427	.1623993	1.841174	22.76734	.0899307	-.000215
#3	.0079464	.1630068	1.846233	22.74312	.0916103	-.000714

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**8.363916**	**.0046010**	**.4888578**	**.6907341**	**.0081696**	**.2820787**
Stddev	.084628	.0013222	.0049539	.0207748	.0006599	.0013666
%RSD	1.011827	28.73582	1.013352	3.007637	8.077072	.4844717
#1	8.303128	.0061274	.4843693	.6687099	.0086948	.2836107
#2	8.328048	.0038653	.4880313	.6935126	.0074290	.2816407
#3	8.460571	.0038104	.4941730	.7099798	.0083851	.2809849

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: Q1106-10 Acquired: 1/24/2025 17:50:39 Type: Unk
Method: EPA SFAM01.0(v55) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: YE8H4 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005699	F 452.3746	8.116803	-.002888	-.022212	.0124717
Stddev	.0003664	1.6696	.007559	.000911	.000658	.0010237
%RSD	64.29465	.3690677	.0931285	31.56360	2.963158	8.208479
#1	.0002709	453.0575	8.111856	-.002395	-.021760	.0114003
#2	.0004601	450.4718	8.125505	-.002328	-.021910	.0134400
#3	.0009786	453.5945	8.113050	-.003940	-.022967	.0125750

Elem	Sr4077
Units	ppm
Avg	1.213460
Stddev	.011221
%RSD	.9246966
#1	1.201086
#2	1.222975
#3	1.216320

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3335.448	71064.23	11736.41	2367.219	3621.981
Stddev	10.966	126.99	40.34	7.362	11.542
%RSD	.3287601	.1786995	.3437248	.3109856	.3186665
#1	3340.191	71210.83	11695.75	2372.112	3628.730
#2	3343.244	70993.69	11737.06	2358.752	3628.559
#3	3322.910	70988.17	11776.43	2370.791	3608.653

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: Q1106-11 Acquired: 1/24/2025 17:54:57 Type: Unk
Method: EPA SFAM01.0(v55) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: YE8H5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4942766	-.016973	.0165252	.0731794	.0337622	43.29696
Stddev	.0001880	.001376	.0024156	.0043092	.0007867	.18160
%RSD	.0380358	8.109803	14.61750	5.888615	2.330047	.4194362
#1	.4942002	-.016145	.0158491	.0689685	.0330587	43.44592
#2	.4941389	-.018562	.0192068	.0729889	.0336163	43.35030
#3	.4944908	-.016212	.0145198	.0775807	.0346116	43.09466

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0602506	.0096569	.0151545	91.23357	.1109931	.8130278
Stddev	.0003830	.0001299	.0002216	.21345	.0007127	.0012448
%RSD	.6357478	1.345267	1.462271	.2339546	.6421247	.1531042
#1	.0598776	.0097362	.0152771	91.41065	.1105795	.8135305
#2	.0606429	.0097275	.0148987	91.29350	.1105836	.8116103
#3	.0602312	.0095069	.0152878	90.99657	.1118160	.8139426

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8457935	365.8647	4.446877	81.42089	.5576574	.0102206
Stddev	.0009146	3.1060	.014248	.15336	.0004466	.0009826
%RSD	.1081314	.8489439	.3204056	.1883492	.0800885	9.613861
#1	.8466466	362.3091	4.461440	81.55267	.5579942	.0091743
#2	.8459060	368.0493	4.446226	81.45743	.5571508	.0111237
#3	.8448279	367.2358	4.432966	81.25256	.5578271	.0103637

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.701678	1.011997	3.255072	4.807895	.6232748	1.940081
Stddev	.298370	.002494	.003075	.035924	.0039771	.014094
%RSD	3.075451	.2464755	.0944683	.7471804	.6381014	.7264582
#1	10.04175	1.010050	3.251548	4.838238	.6264663	1.923844
#2	9.48380	1.011133	3.256458	4.817217	.6188193	1.949158
#3	9.57949	1.014808	3.257211	4.768229	.6245389	1.947240

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: Q1106-11 Acquired: 1/24/2025 17:54:57 Type: Unk
Method: EPA SFAM01.0(v55) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: YE8H5 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.005584	F 400.8836	F 23.01329	-.000078	.0004103	.0378616
Stddev	.000236	1.4118	.00500	.001035	.0003142	.0008320
%RSD	4.221050	.3521666	.0217376	1329.429	76.58982	2.197520
#1	-.005792	402.0264	23.01467	.000659	.0007702	.0384157
#2	-.005328	399.3054	23.00774	-.001261	.0002697	.0382641
#3	-.005632	401.3190	23.01746	.000368	.0001908	.0369048

Elem	Sr4077
Units	ppm
Avg	1.388638
Stddev	.006489
%RSD	.4672858
#1	1.395863
#2	1.386747
#3	1.383305

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3971.279	85649.83	14223.69	2860.283	3827.754
Stddev	8.498	55.70	48.33	11.497	8.351
%RSD	.2139928	.0650350	.3397963	.4019411	.2181682
#1	3968.125	85587.15	14244.46	2854.867	3826.704
#2	3980.903	85693.68	14258.16	2873.487	3836.580
#3	3964.809	85668.66	14168.44	2852.495	3819.977

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: Q1106-12 Acquired: 1/24/2025 17:59:09 Type: Unk
Method: EPA SFAM01.0(v55) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: YE8H6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0089102**	**.0047048**	**.0102341**	**.0039128**	**.0017809**	**61.00366**
Stddev	.0003853	.0018522	.0004954	.0034648	.0004279	.04636
%RSD	4.323892	39.36764	4.840947	88.54931	24.02635	.0759994
#1	.0093353	.0046150	.0108041	-.000081	.0022002	61.05342
#2	.0085840	.0066002	.0099916	.005705	.0017974	60.96167
#3	.0088113	.0028992	.0099067	.006115	.0013450	60.99590

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0606525**	**.0156937**	**.0080506**	**205.1899**	**.0383943**	**.7195668**
Stddev	.0001234	.0000828	.0001615	.4295	.0001768	.0104537
%RSD	.2035155	.5274176	2.006220	.2093245	.4604515	1.452772
#1	.0605362	.0157704	.0079801	205.6853	.0385554	.7141273
#2	.0606394	.0157047	.0079364	204.9216	.0382052	.7129545
#3	.0607820	.0156060	.0082354	204.9628	.0384224	.7316187

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.339306**	**61.24574**	F **47.70017**	**50.01139**	**.2015688**	**.0082475**
Stddev	.003103	.06958	.24845	.07346	.0030288	.0001855
%RSD	.2317045	.1136034	.5208644	.1468870	1.502613	2.249572
#1	1.342830	61.32603	47.93539	50.08807	.1999441	.0081887
#2	1.338103	61.20807	47.44032	49.94165	.1996989	.0080984
#3	1.336983	61.20312	47.72480	50.00445	.2050633	.0084553

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**22.34672**	**.2418770**	**1.965966**	**21.81673**	**9.232152**	**.6753996**
Stddev	.27015	.0021951	.006447	.04871	.133502	.0007377
%RSD	1.208886	.9075240	.3279310	.2232773	1.446060	.1092195
#1	22.59859	.2443096	1.969907	21.84568	9.163511	.6746094
#2	22.06141	.2400441	1.969465	21.76049	9.146935	.6755193
#3	22.38017	.2412774	1.958526	21.84403	9.386010	.6760701

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: Q1106-12 Acquired: 1/24/2025 17:59:09 Type: Unk
Method: EPA SFAM01.0(v55) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: YE8H6 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002761	F 421.9902	F 26.77015	-.002465	-.005922	.0484049
Stddev	.000238	6.0694	.05114	.000344	.000193	.0007788
%RSD	8.603528	1.438287	.1910343	13.94300	3.265088	1.608864
#1	-.002803	419.0428	26.82867	-.002086	-.005823	.0492389
#2	-.002505	417.9572	26.73403	-.002551	-.006144	.0482792
#3	-.002975	428.9704	26.74775	-.002756	-.005798	.0476967

Elem	Sr4077
Units	ppm
Avg	1.167393
Stddev	.013260
%RSD	1.135903
#1	1.159069
#2	1.160424
#3	1.182684

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4235.043	90208.02	14553.90	3020.227	3703.828
Stddev	37.433	218.12	24.41	7.944	48.180
%RSD	.8838886	.2417926	.1677007	.2630206	1.300824
#1	4260.187	90236.44	14560.16	3029.045	3731.814
#2	4252.918	90410.53	14574.56	3013.629	3731.476
#3	4192.023	89977.09	14526.97	3018.008	3648.194

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: Q1106-13 Acquired: 1/24/2025 18:03:21 Type: Unk
Method: EPA SFAM01.0(v55) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: YE8F6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0276073	-.003603	.0133895	-.003989	-.001125	36.51420
Stddev	.0010257	.001422	.0007591	.000908	.001257	.22501
%RSD	3.715461	39.47904	5.669506	22.75858	111.7717	.6162144
#1	.0287745	-.002807	.0141321	-.003444	-.001076	36.27748
#2	.0268497	-.002756	.0134215	-.003485	-.002406	36.53980
#3	.0271976	-.005245	.0126149	-.005037	.000107	36.72531

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0870308	.0054171	.0185571	283.0250	.0348456	.7450936
Stddev	.0005716	.0000333	.0000478	1.1179	.0000631	.0017251
%RSD	.6568206	.6148617	.2578453	.3949991	.1810685	.2315220
#1	.0871467	.0054480	.0185019	282.7464	.0347941	.7452083
#2	.0864101	.0053818	.0185853	284.2559	.0348266	.7433140
#3	.0875357	.0054214	.0185842	282.0727	.0349160	.7467584

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5273506	19.96850	17.38735	51.88607	.9263132	.0025392
Stddev	.0014552	.07446	.09876	.12685	.0017767	.0002191
%RSD	.2759540	.3729024	.5679728	.2444832	.1918055	8.627799
#1	.5286010	19.89334	17.28711	51.73960	.9260854	.0022866
#2	.5257532	19.96991	17.39038	51.95797	.9246614	.0026782
#3	.5276976	20.04225	17.48455	51.96064	.9281928	.0026527

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.954257	.0804122	1.334104	4.836457	2.577599	.5764640
Stddev	.157122	.0010562	.005178	.032524	.002211	.0022463
%RSD	2.638813	1.313434	.3881231	.6724671	.0857765	.3896762
#1	6.091732	.0811374	1.328137	4.798925	2.578279	.5790426
#2	5.988052	.0808987	1.336754	4.856376	2.579390	.5754177
#3	5.782988	.0792005	1.337420	4.854069	2.575128	.5749317

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: Q1106-13 Acquired: 1/24/2025 18:03:21 Type: Unk
Method: EPA SFAM01.0(v55) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: YE8F6 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000505**	F **339.5002**	F **14.49062**	**-.002764**	**-.006681**	**.0418848**
Stddev	.000436	.4886	.04117	.001188	.001047	.0005400
%RSD	86.36013	.1439172	.2840831	42.97270	15.67419	1.289194
#1	-.000206	339.4342	14.53522	-.003917	-.005489	.0413699
#2	-.001005	339.0480	14.48258	-.002832	-.007452	.0424467
#3	-.000303	340.0185	14.45407	-.001544	-.007102	.0418378

Elem	Sr4077
Units	ppm
Avg	**1.506852**
Stddev	.010512
%RSD	.6976392
#1	1.518675
#2	1.498560
#3	1.503320

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**3767.806**	**80384.38**	**13068.42**	**2673.718**	**3755.526**
Stddev	7.843	220.61	83.54	13.293	2.206
%RSD	.2081617	.2744433	.6392292	.4971791	.0587501
#1	3774.618	80620.77	12992.28	2688.727	3756.619
#2	3759.232	80183.97	13055.22	2663.428	3756.972
#3	3769.567	80348.40	13157.78	2669.000	3752.986

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: Q1106-14 Acquired: 1/24/2025 18:07:35 Type: Unk
Method: EPA SFAM01.0(v55) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: YE8F9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0067354	.0053616	.0047526	.0002302	-.000241	54.29221
Stddev	.0010526	.0004985	.0004015	.0010392	.001170	.35098
%RSD	15.62834	9.297483	8.447642	451.4992	484.7314	.6464608
#1	.0064030	.0050678	.0043265	.0008892	.000849	53.98375
#2	.0058892	.0059372	.0048077	-.000968	-.001477	54.67409
#3	.0079142	.0050799	.0051238	.000769	-.000096	54.21878

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0624370	.0021897	.0041056	80.61874	.0313196	.3101203
Stddev	.0003322	.0000513	.0000872	.35542	.0001752	.0003478
%RSD	.5320174	2.340946	2.124375	.4408633	.5594755	.1121614
#1	.0621413	.0022265	.0041321	80.36922	.0311457	.3099472
#2	.0627964	.0022115	.0041766	81.02569	.0313169	.3098930
#3	.0623732	.0021312	.0040083	80.46133	.0314961	.3105207

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1894008	24.39937	5.039472	35.53458	.2157865	.0006299
Stddev	.0012903	.15386	.014163	.15707	.0000749	.0001154
%RSD	.6812689	.6305835	.2810407	.4420310	.0346876	18.32081
#1	.1904648	24.28109	5.032381	35.40847	.2157019	.0006758
#2	.1879656	24.57331	5.055780	35.71053	.2158440	.0007153
#3	.1897722	24.34371	5.030254	35.48476	.2158136	.0004986

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.650557	.0048080	.8345097	6.152318	.2278271	.4368764
Stddev	.100434	.0011891	.0040929	.057200	.0013456	.0010545
%RSD	2.159607	24.73162	.4904561	.9297239	.5905995	.2413601
#1	4.549755	.0034354	.8378413	6.107951	.2270157	.4376183
#2	4.750618	.0055231	.8357468	6.216874	.2270854	.4356694
#3	4.651299	.0054656	.8299409	6.132128	.2293803	.4373416

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: Q1106-14 Acquired: 1/24/2025 18:07:35 Type: Unk
Method: EPA SFAM01.0(v55) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: YE8F9 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001032	F 299.9502	F 18.81792	-.002426	.0122864	.0476890
Stddev	.000252	1.1855	.08461	.000517	.0002741	.0002473
%RSD	24.45310	.3952169	.4496347	21.30062	2.230911	.5185820
#1	-.001323	299.1274	18.90674	-.002147	.0119895	.0479626
#2	-.000879	299.4141	18.73825	-.002110	.0123399	.0476230
#3	-.000894	301.3090	18.80878	-.003023	.0125298	.0474813

Elem	Sr4077
Units	ppm
Avg	.4840809
Stddev	.0028975
%RSD	.5985605
#1	.4823959
#2	.4874266
#3	.4824201

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5344.657	114671.3	18540.73	3865.487	3903.664
Stddev	9.864	111.6	126.44	10.275	1.163
%RSD	.1845595	.0973021	.6819711	.2658151	.0297964
#1	5339.931	114783.2	18454.30	3855.947	3903.041
#2	5338.044	114670.6	18685.86	3876.366	3905.006
#3	5355.994	114560.1	18482.05	3864.147	3902.945

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: Q1106-15 Acquired: 1/24/2025 18:11:32 Type: Unk
Method: EPA SFAM01.0(v55) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: YE8G0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0192912	-.001029	.0988136	.0386126	.0159314	119.2954
Stddev	.0034517	.002508	.0009012	.0025933	.0011680	.5228
%RSD	17.89260	243.7319	.9119747	6.716140	7.331508	.4382091
#1	.0178916	-.001751	.0988646	.0361971	.0168012	118.7094
#2	.0232229	.001761	.0978881	.0382878	.0146038	119.7138
#3	.0167592	-.003096	.0996882	.0413531	.0163891	119.4631

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0854518	.0052333	.0226570	81.96009	.1179462	.5275754
Stddev	.0007792	.0000966	.0001138	.24796	.0003732	.0013739
%RSD	.9118774	1.845374	.5022096	.3025425	.3164452	.2604089
#1	.0849956	.0053331	.0227785	81.71269	.1183526	.5283045
#2	.0863516	.0052264	.0225529	82.20862	.1176187	.5259907
#3	.0850083	.0051404	.0226396	81.95894	.1178674	.5284310

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.128435	185.8953	5.156511	57.46778	.3527343	.0058989
Stddev	.003046	.6680	.016837	.15107	.0011016	.0003617
%RSD	.2699140	.3593646	.3265181	.2628864	.3122906	6.131625
#1	1.131021	185.2334	5.140974	57.34450	.3526712	.0058701
#2	1.129207	186.5693	5.174401	57.63631	.3516657	.0062741
#3	1.125078	185.8834	5.154157	57.42252	.3538661	.0055525

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.689280	.2524434	1.620206	16.40529	F 13.29587	1.211270
Stddev	.127908	.0010399	.003851	.08444	.04272	.002287
%RSD	1.912130	.4119313	.2377052	.5146885	.3213170	.1888129
#1	6.553729	.2522005	1.624626	16.30794	13.33334	1.211043
#2	6.807848	.2515465	1.618426	16.45868	13.24935	1.213662
#3	6.706262	.2535833	1.617567	16.44924	13.30492	1.209105

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: Q1106-15 Acquired: 1/24/2025 18:11:32 Type: Unk
Method: EPA SFAM01.0(v55) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: YE8G0 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001941	F 612.0184	F 40.13079	-.000660	.2104339	.1219649
Stddev	.000166	1.8130	.13448	.001243	.0013731	.0010586
%RSD	8.562059	.2962248	.3351125	188.2057	.6524979	.8679719
#1	-.001811	613.3605	40.25299	-.001849	.2119385	.1218006
#2	-.002128	609.9560	40.15268	.000630	.2101147	.1230961
#3	-.001882	612.7387	39.98671	-.000761	.2092485	.1209981

Elem	Sr4077
Units	ppm
Avg	.3508060
Stddev	.0013857
%RSD	.3950036
#1	.3492405
#2	.3518750
#3	.3513026

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3990.186	81916.63	13470.91	2818.363	3966.297
Stddev	10.388	310.61	27.94	5.350	7.217
%RSD	.2603296	.3791825	.2073965	.1898129	.1819665
#1	3978.372	82263.73	13448.52	2820.308	3961.213
#2	3997.891	81664.85	13461.99	2822.468	3974.558
#3	3994.293	81821.30	13502.22	2812.313	3963.121

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: Q1106-16 Acquired: 1/24/2025 18:15:26 Type: Unk
Method: EPA SFAM01.0(v55) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: YE8G1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.002107**	**-.009854**	**.0057418**	**.0297751**	**.0180792**	**4.735958**
Stddev	.001045	.001823	.0007035	.0019342	.0005280	.028354
%RSD	49.60032	18.49933	12.25186	6.495899	2.920660	.5986883
#1	-.001849	-.010742	.0055170	.0290269	.0185547	4.722607
#2	-.001216	-.011062	.0051782	.0319716	.0175109	4.716744
#3	-.003258	-.007757	.0065302	.0283268	.0181718	4.768523

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0935409**	**.0025484**	**.0077545**	**419.8190**	**.0004857**	**.0248712**
Stddev	.0009148	.0000887	.0001222	1.6938	.0001439	.0001318
%RSD	.9779831	3.481258	1.576293	.4034581	29.61706	.5297116
#1	.0943999	.0025278	.0076146	417.9344	.0005453	.0247526
#2	.0925790	.0024718	.0078081	421.2144	.0003217	.0248480
#3	.0936439	.0026456	.0078408	420.3082	.0005902	.0250130

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.023382**	**190.9998**	**7.337250**	**48.41829**	**.0944861**	**.0053562**
Stddev	.000897	.7137	.037077	.19976	.0001188	.0001783
%RSD	3.836568	.3736771	.5053298	.4125783	.1257751	3.328681
#1	-.022769	191.0519	7.369841	48.52427	.0945133	.0051717
#2	-.022966	190.2615	7.296911	48.18787	.0943560	.0053693
#3	-.024412	191.6860	7.344997	48.54273	.0945890	.0055276

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**14.19436**	**-.013115**	**1.038489**	**49.68025**	**.0060133**	**1.276337**
Stddev	.19655	.000981	.010125	.27112	.0032965	.002561
%RSD	1.384683	7.481321	.9749451	.5457330	54.81961	.2006212
#1	14.20670	-.013537	1.046399	49.69176	.0023697	1.275461
#2	13.99194	-.013814	1.027079	49.40355	.0087889	1.274329
#3	14.38445	-.011993	1.041990	49.94543	.0068814	1.279221

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: Q1106-16 Acquired: 1/24/2025 18:15:26 Type: Unk
Method: EPA SFAM01.0(v55) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: YE8G1 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.002332**	F **369.0480**	F **17.02473**	**-.002100**	**-.014217**	**.0713711**
Stddev	.000086	1.1286	.07837	.001437	.000411	.0021277
%RSD	3.704186	.3058076	.4603325	68.41051	2.890083	2.981223
#1	-.002403	368.0034	17.10613	-.000465	-.013836	.0721593
#2	-.002236	368.8955	17.01827	-.003160	-.014161	.0689617
#3	-.002358	370.2451	16.94979	-.002675	-.014653	.0729922

Elem	Sr4077
Units	ppm
Avg	**1.021886**
Stddev	.008915
%RSD	.8723629
#1	1.025613
#2	1.028332
#3	1.011713

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**3482.069**	**73962.91**	**11992.46**	**2471.372**	**3681.486**
Stddev	12.623	85.67	42.84	10.135	12.083
%RSD	.3625215	.1158226	.3572051	.4100779	.3282212
#1	3488.296	73998.62	11998.35	2463.092	3685.460
#2	3490.368	74024.95	11946.98	2482.674	3691.082
#3	3467.542	73865.17	12032.04	2468.349	3667.916

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: Q1106-17 Acquired: 1/24/2025 18:19:42 Type: Unk
Method: EPA SFAM01.0(v55) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: YE8G2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0056346	.0027836	.0151358	.0010929	-.000491	61.34300
Stddev	.0018959	.0014480	.0002269	.0028664	.001412	.13242
%RSD	33.64678	52.02042	1.499187	262.2668	287.8534	.2158739
#1	.0046256	.0028194	.0148752	-.002068	.000605	61.44911
#2	.0044566	.0013180	.0152897	.001824	.000007	61.19460
#3	.0078216	.0042134	.0152424	.003523	-.002084	61.38530

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0839125	.0076613	.0092967	89.18156	.0371663	.8643215
Stddev	.0004886	.0000736	.0000469	.21254	.0003193	.0036728
%RSD	.5823042	.9609131	.5046108	.2383235	.8591962	.4249297
#1	.0843948	.0075780	.0093262	89.42026	.0372522	.8624185
#2	.0834178	.0077175	.0092426	89.01281	.0368128	.8619907
#3	.0839248	.0076885	.0093214	89.11162	.0374339	.8685552

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2290995	33.05441	22.09287	49.22096	2.037184	.0039416
Stddev	.0014217	.08559	.00564	.12171	.008907	.0000507
%RSD	.6205479	.2589242	.0255229	.2472803	.4372056	1.286362
#1	.2300406	33.14374	22.08943	49.35830	2.031922	.0039075
#2	.2297937	32.97314	22.09938	49.12646	2.032162	.0039176
#3	.2274641	33.04635	22.08980	49.17812	2.047468	.0039999

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.332781	.0073576	1.587001	4.299298	1.488600	.5086817
Stddev	.251575	.0006153	.006713	.042669	.006161	.0009394
%RSD	4.717527	8.362205	.4230207	.9924691	.4138631	.1846802
#1	5.609371	.0080607	1.590403	4.347260	1.493795	.5097584
#2	5.117587	.0069183	1.579268	4.285086	1.481794	.5082574
#3	5.271385	.0070936	1.591332	4.265549	1.490211	.5080292

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: Q1106-17 Acquired: 1/24/2025 18:19:42 Type: Unk
Method: EPA SFAM01.0(v55) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: YE8G2 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.001410**	F **314.8233**	F **21.82160**	**-.001487**	**.0057472**	**.1006393**
Stddev	.000163	1.6850	.09190	.000483	.0006655	.0012212
%RSD	11.54695	.5352145	.4211261	32.46577	11.58002	1.213491
#1	-.001336	313.7856	21.92637	-.001312	.0049941	.1020486
#2	-.001596	313.9169	21.78377	-.001116	.0062563	.0998919
#3	-.001297	316.7675	21.75465	-.002033	.0059910	.0999773

Elem	Sr4077
Units	ppm
Avg	**.4576007**
Stddev	.0012441
%RSD	.2718795
#1	.4590060
#2	.4566396
#3	.4571567

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**4528.418**	**94604.57**	**15412.54**	**3184.334**	**3984.194**
Stddev	8.510	292.57	20.39	9.772	14.855
%RSD	.1879189	.3092524	.1322708	.3068693	.3728394
#1	4528.700	94501.62	15407.04	3180.106	3990.014
#2	4536.783	94934.70	15435.12	3195.508	3995.257
#3	4519.771	94377.40	15395.47	3177.389	3967.310

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: Q1106-18 Acquired: 1/24/2025 18:23:49 Type: Unk
Method: EPA SFAM01.0(v55) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: YE8H9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0040005	.0014764	.0036772	-.003824	-.001225	40.06976
Stddev	.0006359	.0027604	.0008786	.001533	.001751	.17502
%RSD	15.89643	186.9621	23.89452	40.08352	142.9727	.4367905
#1	.0036601	-.001707	.0042750	-.003177	-.002699	39.94429
#2	.0036072	.003211	.0026684	-.005575	.000711	39.99529
#3	.0047342	.002925	.0040881	-.002721	-.001687	40.26970

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0913109	.0027195	.0069388	282.9395	.0299197	.2088162
Stddev	.0002579	.0000215	.0000624	.7315	.0003308	.0002569
%RSD	.2824269	.7898959	.8991431	.2585405	1.105595	.1230149
#1	.0910879	.0027358	.0069822	282.1080	.0296449	.2088602
#2	.0912514	.0026951	.0068673	283.2265	.0298275	.2085401
#3	.0915933	.0027275	.0069669	283.4840	.0302869	.2090482

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2826458	9.679564	2.927350	65.26450	.4357389	.0003447
Stddev	.0015463	.054614	.005865	.14489	.0023259	.0001232
%RSD	.5470640	.5642223	.2003405	.2220089	.5337911	35.73574
#1	.2817570	9.636794	2.925575	65.26320	.4353445	.0004349
#2	.2844313	9.660815	2.922578	65.12026	.4336354	.0003947
#3	.2817492	9.741084	2.933897	65.41003	.4382368	.0002044

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.133720	.0133244	1.364808	.8285762	.3849546	.6018152
Stddev	.128988	.0004172	.006178	.0400276	.0030638	.0002766
%RSD	2.102938	3.131248	.4526707	4.830893	.7958796	.0459562
#1	6.131671	.0137839	1.370077	.8222053	.3864235	.6019172
#2	6.005768	.0129693	1.358008	.7921161	.3814329	.6020263
#3	6.263720	.0132199	1.366338	.8714072	.3870073	.6015021

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: Q1106-18 Acquired: 1/24/2025 18:23:49 Type: Unk
Method: EPA SFAM01.0(v55) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: YE8H9 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000496	F 325.4159	F 23.77387	-.002686	.0005259	.0911831
Stddev	.000205	1.1128	.05682	.001225	.0003315	.0010201
%RSD	41.33868	.3419736	.2389974	45.62109	63.02320	1.118729
#1	-.000350	325.9300	23.83937	-.001537	.0004805	.0902823
#2	-.000730	324.1389	23.74431	-.002546	.0002195	.0909763
#3	-.000407	326.1787	23.73792	-.003975	.0008777	.0922908

Elem	Sr4077
Units	ppm
Avg	1.011419
Stddev	.013553
%RSD	1.340021
#1	1.022536
#2	.996321
#3	1.015399

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3878.935	81908.17	13603.27	2718.847	3826.795
Stddev	2.730	302.63	62.08	23.963	4.463
%RSD	.0703694	.3694757	.4563476	.8813798	.1166209
#1	3875.890	81729.06	13534.69	2702.360	3826.867
#2	3879.751	82257.59	13655.64	2746.336	3831.222
#3	3881.163	81737.88	13619.46	2707.846	3822.297

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: Q1106-19 Acquired: 1/24/2025 18:28:04 Type: Unk
Method: EPA SFAM01.0(v55) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: YE8J0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0217116	.0042453	.0105920	-.004022	-.001708	47.63948
Stddev	.0005861	.0014969	.0013586	.001600	.000847	.34287
%RSD	2.699571	35.26068	12.82665	39.77284	49.59898	.7197275
#1	.0220272	.0025571	.0105265	-.003347	-.002005	48.03359
#2	.0210353	.0047681	.0092673	-.002870	-.000752	47.40963
#3	.0220724	.0054106	.0119821	-.005849	-.002366	47.47523

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0693494	.0050942	.0036762	173.0610	.0156981	.1846160
Stddev	.0003680	.0000369	.0001066	.7955	.0001859	.0002277
%RSD	.5306658	.7235895	2.900768	.4596575	1.184503	.1233366
#1	.0695436	.0050862	.0035896	173.9732	.0158983	.1843942
#2	.0689250	.0050620	.0037953	172.5118	.0156653	.1846047
#3	.0695796	.0051344	.0036437	172.6979	.0155307	.1848491

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0656363	.7833716	7.708350	37.08333	.2750765	.0007284
Stddev	.0007650	.0076008	.048747	.16389	.0002080	.0001554
%RSD	1.165517	.9702668	.6323929	.4419473	.0756226	21.33034
#1	.0660694	.7917681	7.763934	37.27236	.2749925	.0006992
#2	.0660866	.7769606	7.672867	36.99660	.2753134	.0008963
#3	.0647531	.7813862	7.688250	36.98104	.2749236	.0005897

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.336196	.0161243	1.066529	7.922794	F 13.20090	.3914477
Stddev	.297719	.0002807	.002220	.078382	.02388	.0033984
%RSD	6.865897	1.740946	.2081088	.9893199	.1808675	.8681733
#1	4.029923	.0164483	1.069041	7.992668	13.19492	.3876125
#2	4.624552	.0159519	1.064833	7.838038	13.18058	.3940848
#3	4.354113	.0159729	1.065712	7.937674	13.22720	.3926459

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: Q1106-19 Acquired: 1/24/2025 18:28:04 Type: Unk
Method: EPA SFAM01.0(v55) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: YE8J0 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000438	F 308.6939	9.060932	-.001371	-.004121	.0141856
Stddev	.000130	.9260	.009041	.001047	.000247	.0007390
%RSD	29.79790	.2999613	.0997775	76.37686	5.985242	5.209770
#1	-.000360	307.9370	9.063996	-.000351	-.004404	.0138759
#2	-.000365	308.4184	9.050757	-.002444	-.004004	.0136518
#3	-.000588	309.7264	9.068042	-.001318	-.003954	.0150292

Elem	Sr4077
Units	ppm
Avg	1.040529
Stddev	.009675
%RSD	.9298187
#1	1.040693
#2	1.050121
#3	1.030773

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4855.672	102087.3	16658.12	3408.665	3882.900
Stddev	14.924	135.3	111.65	5.759	9.796
%RSD	.3073482	.1325418	.6702265	.1689572	.2522835
#1	4869.310	101951.1	16785.34	3415.314	3893.649
#2	4857.976	102089.2	16576.45	3405.435	3880.576
#3	4839.731	102221.6	16612.57	3405.245	3874.475

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: Q1106-20 Acquired: 1/24/2025 18:32:10 Type: Unk
Method: EPA SFAM01.0(v55) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: YE8J1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0046364	-.002954	.0113888	.0079642	.0025296	83.20164
Stddev	.0005070	.002418	.0009412	.0020173	.0007132	.62055
%RSD	10.93442	81.86529	8.264594	25.32928	28.19430	.7458335
#1	.0045647	-.001544	.0111156	.0101409	.0026057	83.60566
#2	.0051754	-.001571	.0124364	.0061575	.0017814	82.48713
#3	.0041691	-.005746	.0106144	.0075943	.0032017	83.51213

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0787371	.0058951	.0134520	127.6965	.1017312	1.351965
Stddev	.0011361	.0000643	.0001093	.7793	.0003341	.004473
%RSD	1.442935	1.091213	.8125800	.6102988	.3284438	.3308329
#1	.0798831	.0059373	.0133337	127.8850	.1018276	1.353997
#2	.0776111	.0058211	.0134733	126.8402	.1013595	1.346837
#3	.0787170	.0059270	.0135492	128.3644	.1020066	1.355062

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9238086	56.17627	15.62501	53.20586	1.105010	.0035295
Stddev	.0050580	.34198	.10114	.26977	.003627	.0001289
%RSD	.5475166	.6087541	.6473192	.5070333	.3281951	3.653538
#1	.9206633	56.36048	15.63310	53.33934	1.107672	.0035394
#2	.9211194	55.78168	15.52007	52.89537	1.100880	.0036532
#3	.9296431	56.38665	15.72187	53.38287	1.106480	.0033959

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.978294	.1603141	1.316100	13.37095	2.136421	.6627891
Stddev	.198670	.0005820	.010809	.14632	.003626	.0004097
%RSD	2.846971	.3630590	.8213180	1.094333	.1697110	.0618137
#1	6.759155	.1596422	1.308642	13.43219	2.132235	.6630865
#2	7.146629	.1606348	1.311162	13.20396	2.138442	.6623218
#3	7.029099	.1606652	1.328497	13.47670	2.138585	.6629590

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: Q1106-20 Acquired: 1/24/2025 18:32:10 Type: Unk
Method: EPA SFAM01.0(v55) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: YE8J1 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001396	F 318.4632	F 31.31567	-.002640	.0026195	.1033136
Stddev	.000056	.9437	.03244	.000602	.0004334	.0012171
%RSD	4.043663	.2963258	.1035837	22.78486	16.54724	1.178093
#1	-.001430	318.3512	31.27822	-.002681	.0021983	.1029379
#2	-.001427	317.5806	31.33402	-.003220	.0030642	.1023286
#3	-.001331	319.4579	31.33477	-.002019	.0025959	.1046743

Elem	Sr4077
Units	ppm
Avg	.5639314
Stddev	.0042376
%RSD	.7514376
#1	.5651299
#2	.5592237
#3	.5674408

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4314.525	89873.90	14923.26	3016.321	3904.864
Stddev	18.235	542.22	61.81	20.059	13.597
%RSD	.4226310	.6033092	.4141805	.6650217	.3482002
#1	4334.901	90012.92	14994.44	3027.262	3909.970
#2	4308.932	90333.07	14883.08	3028.530	3915.170
#3	4299.742	89275.71	14892.27	2993.170	3889.454

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: PB166163BL Acquired: 1/24/2025 18:36:05 Type: Unk
Method: EPA SFAM01.0(v55) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: PBW163 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0016198**	**-.000773**	**-.000805**	**-.001041**	**-.000891**	**.0066851**
Stddev	.0010712	.000548	.001315	.001053	.002036	.0099511
%RSD	66.12752	70.84097	163.3725	101.1288	228.3432	148.8544
#1	.0011285	-.000143	.000624	.000067	-.002023	-.003828
#2	.0008825	-.001138	-.001074	-.002028	-.002110	.007925
#3	.0028485	-.001038	-.001964	-.001162	.001458	.015958

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.008600**	**-.000052**	**-.000041**	**.0101705**	**.0004032**	**-.000143**
Stddev	.000639	.000053	.000004	.0046174	.0002902	.000059
%RSD	7.428421	101.4601	8.581141	45.39955	71.98800	41.45039
#1	-.008151	-.000054	-.000041	.0153794	.0007073	-.000211
#2	-.009331	.000002	-.000037	.0065806	.0003730	-.000110
#3	-.008316	-.000105	-.000044	.0085516	.0001292	-.000107

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000424**	**.0070675**	**-.000228**	**-.014578**	**-.000052**	**.0005106**
Stddev	.000601	.0010841	.000185	.013144	.000338	.0002261
%RSD	141.8030	15.33978	80.88734	90.16075	645.0359	44.27841
#1	.000205	.0063231	-.000307	-.001446	.000135	.0006953
#2	-.000993	.0083113	-.000361	-.014554	-.000442	.0002585
#3	-.000484	.0065680	-.000017	-.027733	.000150	.0005780

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.4565594**	**-.000068**	**.0000199**	**-.275464**	**.0046143**	F **-.011013**
Stddev	.0953692	.001116	.0007182	.063690	.0016274	.000747
%RSD	20.88868	1648.480	3605.892	23.12094	35.26873	6.785794
#1	.5528651	-.001274	.0008141	-.296884	.0063873	-.010201
#2	.3621551	.000145	-.000584	-.325682	.0042673	-.011673
#3	.4546579	.000927	-.000171	-.203825	.0031884	-.011164

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: PB166163BL Acquired: 1/24/2025 18:36:05 Type: Unk
Method: EPA SFAM01.0(v55) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: PBW163 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000644**	**.0589315**	**.0032688**	**-.000381**	**.0000182**	**-.002737**
Stddev	.000178	.0064938	.0004176	.000258	.0001304	.000889
%RSD	27.63478	11.01915	12.77622	67.60851	717.4525	32.48870
#1	-.000444	.0663588	.0029220	-.000565	.0001471	-.003382
#2	-.000701	.0561094	.0031519	-.000087	.0000210	-.001723
#3	-.000786	.0543263	.0037324	-.000491	-.000114	-.003106

Elem	Sr4077
Units	ppm
Avg	**-.000003**
Stddev	.000069
%RSD	2627.637
#1	-.000078
#2	.000057
#3	.000013

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**3485.940**	**71552.05**	**11249.28**	**2409.973**	**4375.492**
Stddev	3.094	55.56	93.30	2.607	3.169
%RSD	.0887619	.0776567	.8293452	.1081675	.0724178
#1	3484.874	71517.56	11147.98	2407.918	4377.873
#2	3489.427	71522.45	11331.67	2409.097	4376.707
#3	3483.520	71616.15	11268.20	2412.905	4371.895

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: PB166163BS Acquired: 1/24/2025 18:40:14 Type: Unk
Method: EPA SFAM01.0(v55) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCS163 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0194735**	**.0480730**	**.0184952**	**.0628865**	**.1064445**	**.3671088**	**.3499020**
Stddev	.0018416	.0007903	.0005394	.0019037	.0014892	.0061794	.0016416
%RSD	9.456862	1.644063	2.916522	3.027225	1.399076	1.683262	.4691557
#1	.0175014	.0486379	.0183282	.0641359	.1063023	.3710480	.3514390
#2	.0211484	.0484112	.0180590	.0606955	.1050314	.3599868	.3481727
#3	.0197708	.0471698	.0190984	.0638280	.1079997	.3702916	.3500943

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0093082**	**.0094500**	**9.199381**	**.0202423**	**.0938680**	**.0504764**	**.2018083**
Stddev	.0000796	.0000408	.044242	.0002682	.0006142	.0013233	.0045562
%RSD	.8550003	.4319346	.4809265	1.324906	.6543665	2.621544	2.257671
#1	.0092931	.0094649	9.230872	.0204857	.0933689	.0490685	.2032865
#2	.0093943	.0094813	9.148799	.0199548	.0936812	.0516946	.1966966
#3	.0092373	.0094038	9.218473	.0202866	.0945540	.0506660	.2054419

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0280971**	**8.178304**	**.0769857**	**.0180702**	**8.977765**	**.0986976**	**.1160557**
Stddev	.0002045	.036170	.0000744	.0003024	.308050	.0020685	.0016638
%RSD	.7276495	.4422627	.0966707	1.673343	3.431256	2.095812	1.433591
#1	.0278670	8.219551	.0770321	.0184170	9.306537	.1009518	.1170240
#2	.0282577	8.163361	.0768999	.0178622	8.695792	.0982545	.1141346
#3	.0281667	8.152001	.0770252	.0179312	8.930967	.0968865	.1170085

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**8.501226**	**.0176669**	**-.009738**	**.0188078**	**.2058301**	**.4276933**	**.0132555**
Stddev	.033620	.0022332	.000319	.0001787	.0012560	.0012330	.0003464
%RSD	.3954740	12.64052	3.280653	.9503132	.6101952	.2882841	2.613154
#1	8.539960	.0164806	-.009371	.0189403	.2070267	.4275143	.0133902
#2	8.484112	.0202429	-.009887	.0186045	.2045222	.4265596	.0128620
#3	8.479606	.0162772	-.009955	.0188785	.2059416	.4290060	.0135143

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: PB166163BS Acquired: 1/24/2025 18:40:14 Type: Unk
Method: EPA SFAM01.0(v55) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCS163 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1949160	.0219276	.1673810
Stddev	.0005276	.0009174	.0009279
%RSD	.2706975	4.183561	.5543704
#1	.1954937	.0213105	.1683886
#2	.1947949	.0229818	.1665617
#3	.1944595	.0214906	.1671926

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3411.240	72531.07	11102.14	2421.667	4189.122
Stddev	5.689	138.36	44.22	7.768	6.477
%RSD	.1667622	.1907543	.3982817	.3207663	.1546127
#1	3409.461	72385.98	11131.79	2420.947	4182.430
#2	3417.606	72545.71	11051.32	2414.284	4195.359
#3	3406.654	72661.53	11123.30	2429.769	4189.576

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: PB166132TB Acquired: 1/24/2025 18:44:17 Type: Unk
Method: EPA SFAM01.0(v55) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LEB132 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0014999**	**-.005264**	**-.001815**	**.0090881**	**.0009507**	**.0114953**
Stddev	.0010659	.000756	.000691	.0007002	.0012509	.0032247
%RSD	71.06255	14.35886	38.06326	7.704637	131.5752	28.05224
#1	.0023391	-.005873	-.001880	.0092932	-.000450	.0148303
#2	.0018600	-.005501	-.002470	.0083083	.001958	.0112619
#3	.0003006	-.004418	-.001094	.0096629	.001344	.0083936

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.010595**	**-.000075**	**-.000122**	**-.002633**	**.0018627**	**-.000068**
Stddev	.001131	.000018	.000072	.004039	.0001258	.000324
%RSD	10.67712	23.57461	58.92030	153.3884	6.751925	479.3298
#1	-.009399	-.000056	-.000050	.001967	.0019983	.000169
#2	-.010739	-.000091	-.000121	-.004268	.0017498	.000064
#3	-.011647	-.000076	-.000194	-.005598	.0018400	-.000437

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0011770**	**.0129098**	**.0013415**	**-.009527**	**.0036947**	**.0004876**
Stddev	.0008021	.0026396	.0003169	.009222	.0003592	.0003532
%RSD	68.14605	20.44690	23.62055	96.79940	9.722199	72.43657
#1	.0009384	.0159253	.0017014	.001082	.0036180	.0002734
#2	.0020713	.0110178	.0012187	-.014031	.0033801	.0002942
#3	.0005213	.0117862	.0011044	-.015632	.0040861	.0008953

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F **1424.337**	**-.000059**	**.0009371**	**-1.15556**	**.0074143**	**-.013633**
Stddev	13.523	.001511	.0008119	.04245	.0031966	.000584
%RSD	.9494254	2571.274	86.63342	3.673177	43.11333	4.285832
#1	1439.952	.001591	.0014869	-1.18410	.0066561	-.013085
#2	1416.567	-.000391	.0000046	-1.17580	.0046651	-.013568
#3	1416.492	-.001375	.0013198	-1.10678	.0109219	-.014248

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: PB166132TB Acquired: 1/24/2025 18:44:17 Type: Unk
Method: EPA SFAM01.0(v55) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LEB132 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000207**	**.0492760**	**.0035293**	**.0029707**	**-.000912**	**-.005395**
Stddev	.000120	.0041912	.0027389	.0003444	.000529	.000969
%RSD	58.27334	8.505627	77.60358	11.59470	57.95164	17.95800
#1	-.000123	.0446699	.0035374	.0025937	-.000510	-.004337
#2	-.000345	.0528651	.0007864	.0030495	-.000716	-.005607
#3	-.000153	.0502931	.0062641	.0032689	-.001511	-.006240

Elem	Sr4077
Units	ppm
Avg	**.0000033**
Stddev	.0000396
%RSD	1207.100
#1	-.000023
#2	-.000016
#3	.000049

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**2960.580**	**62195.14**	**11084.65**	**2095.838**	**3409.471**
Stddev	9.370	145.24	68.81	6.799	5.089
%RSD	.3164965	.2335302	.6207764	.3244020	.1492534
#1	2970.994	62049.55	11020.22	2091.389	3414.923
#2	2957.918	62340.04	11076.59	2092.460	3404.848
#3	2952.829	62195.82	11157.13	2103.664	3408.640

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: Q1129-01 Acquired: 1/24/2025 18:48:26 Type: Unk
Method: EPA SFAM01.0(v55) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MJNLA3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1513800**	**-.004875**	**.0065656**	**.0081975**	**.1205482**	**-.113478**
Stddev	.0041194	.002835	.0025253	.0012567	.0008710	.006449
%RSD	2.721220	58.14526	38.46274	15.33007	.7224950	5.683233
#1	.1478743	-.005000	.0044107	.0068713	.1214902	-.110212
#2	.1559171	-.001980	.0059417	.0093706	.1197721	-.109316
#3	.1503487	-.007646	.0093444	.0083504	.1203824	-.120907

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.6003426**	**-.000300**	**.0006402**	**450.2302**	**.0000515**	**.0472456**
Stddev	.0023926	.000009	.0000502	3.4011	.0001308	.0005323
%RSD	.3985369	2.855880	7.845195	.7554226	253.8811	1.126746
#1	.6030675	-.000299	.0006525	450.0832	.0000259	.0469650
#2	.5993749	-.000309	.0006831	453.7025	.0001933	.0469123
#3	.5985855	-.000292	.0005850	446.9050	-.000065	.0478595

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.001157**	**45.53705**	**1.441161**	**48.84887**	**.0221038**	**.0021377**
Stddev	.001424	.06432	.008405	.10900	.0002530	.0001919
%RSD	123.0997	.1412457	.5831823	.2231291	1.144401	8.977160
#1	.000386	45.60994	1.449914	48.97100	.0221084	.0020844
#2	-.001436	45.48828	1.440415	48.81416	.0218485	.0023507
#3	-.002421	45.51293	1.433155	48.76146	.0223544	.0019782

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F **1734.866**	**-.001472**	**1.004943**	**36.89522**	**.0574136**	**.6911872**
Stddev	9.403	.001318	.006045	.08990	.0023309	.0005258
%RSD	.5419870	89.57258	.6015210	.2436549	4.059747	.0760665
#1	1740.588	-.002292	1.011638	36.99177	.0574607	.6909655
#2	1739.996	-.002171	1.003306	36.87994	.0597205	.6917875
#3	1724.014	.000049	.999886	36.81394	.0550595	.6908085

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: Q1129-01 Acquired: 1/24/2025 18:48:26 Type: Unk
Method: EPA SFAM01.0(v55) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MJNLA3 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0160980	F 31.28503	5.033621	-.001451	-.013425	.0401206
Stddev	.0005541	.09632	.015958	.001133	.000668	.0005728
%RSD	3.441713	.3078656	.3170327	78.12086	4.976934	1.427587
#1	.0155112	31.23673	5.040390	-.000482	-.012946	.0403340
#2	.0166122	31.22242	5.045080	-.002697	-.014188	.0394718
#3	.0161706	31.39594	5.015395	-.001173	-.013140	.0405561

Elem	Sr4077
Units	ppm
Avg	3.560129
Stddev	.014294
%RSD	.4014952
#1	3.548566
#2	3.555712
#3	3.576110

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2769.949	58995.03	10843.69	1942.038	3138.040
Stddev	10.268	73.86	13.68	3.699	17.083
%RSD	.3706930	.1251979	.1262010	.1904707	.5443994
#1	2777.211	58910.47	10843.56	1945.152	3146.560
#2	2774.435	59027.70	10830.08	1937.949	3149.189
#3	2758.202	59046.92	10857.45	1943.012	3118.372

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: Q1129-02 Acquired: 1/24/2025 18:52:44 Type: Unk
Method: EPA SFAM01.0(v55) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MJNLA3D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1481625	-.004916	.0051214	.0094150	.1172541	-.104361
Stddev	.0022566	.000902	.0012544	.0022614	.0030505	.008184
%RSD	1.523064	18.34406	24.49363	24.01960	2.601613	7.842318
#1	.1505829	-.005612	.0036931	.0114523	.1173933	-.108655
#2	.1477880	-.003897	.0060444	.0098110	.1141364	-.109504
#3	.1461165	-.005238	.0056266	.0069817	.1202326	-.094923

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5897026	-.000308	.0005763	447.8873	.0001229	.0476495
Stddev	.0036443	.000025	.0000922	1.7085	.0001857	.0001493
%RSD	.6179912	8.145697	16.00251	.3814666	151.0899	.3133622
#1	.5871659	-.000280	.0006123	446.2099	-.000040	.0475656
#2	.5880632	-.000329	.0006452	449.6253	.000325	.0475610
#3	.5938787	-.000315	.0004715	447.8266	.000083	.0478219

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001398	45.05722	1.426256	48.44567	.0213196	.0021007
Stddev	.000578	.17105	.009466	.26351	.0004513	.0002050
%RSD	41.31659	.3796285	.6636920	.5439291	2.116700	9.757497
#1	-.001466	44.91598	1.419553	48.22201	.0207991	.0020133
#2	-.000789	45.00826	1.422130	48.37885	.0216009	.0023349
#3	-.001938	45.24741	1.437084	48.73616	.0215589	.0019539

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 1731.591	-.001715	.9866430	36.40418	.0562235	.6985372
Stddev	23.191	.000395	.0112168	.16198	.0008671	.0037948
%RSD	1.339270	23.01359	1.136861	.4449461	1.542288	.5432470
#1	1710.570	-.002171	.9794515	36.29758	.0567412	.6948365
#2	1727.735	-.001468	.9809099	36.32437	.0552224	.6983555
#3	1756.468	-.001508	.9995676	36.59057	.0567068	.7024196

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: Q1129-02 Acquired: 1/24/2025 18:52:44 Type: Unk
Method: EPA SFAM01.0(v55) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MJNLA3D Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0154682	F 30.25348	5.044627	-.002614	-.013376	.0389760
Stddev	.0001767	.05113	.065872	.001667	.000246	.0015766
%RSD	1.142606	.1690163	1.305789	63.77841	1.837293	4.044983
#1	.0156239	30.19689	4.983445	-.004297	-.013658	.0406931
#2	.0155045	30.29635	5.036081	-.002583	-.013209	.0375938
#3	.0152761	30.26722	5.114355	-.000963	-.013261	.0386410

Elem	Sr4077
Units	ppm
Avg	3.485251
Stddev	.037004
%RSD	1.061738
#1	3.485055
#2	3.448345
#3	3.522353

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2817.922	58543.97	10568.54	1942.657	3185.351
Stddev	8.476	158.75	92.39	10.053	10.035
%RSD	.3007977	.2711577	.8742009	.5174941	.3150312
#1	2822.896	58651.79	10669.05	1951.248	3193.323
#2	2822.735	58618.44	10549.27	1945.123	3188.647
#3	2808.135	58361.68	10487.31	1931.600	3174.082

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: Q1129-01LX5 Acquired: 1/24/2025 18:57:03 Type: Unk
Method: EPA SFAM01.0(v55) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MJNLA3L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0271751	-.001801	.0009511	.0017174	.0212601	-.042529	.1029019
Stddev	.0012268	.001933	.0004663	.0011259	.0002431	.011577	.0009421
%RSD	4.514575	107.3589	49.03324	65.55791	1.143459	27.22135	.9155099
#1	.0262758	-.004009	.0004434	.0029370	.0214084	-.055371	.1030769
#2	.0266769	-.000985	.0013603	.0007175	.0213923	-.032894	.1037441
#3	.0285727	-.000409	.0010495	.0014977	.0209795	-.039321	.1018846

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000040	.0001187	84.72067	.0000824	.0096997	-.000627	8.761690
Stddev	.000060	.0000763	.37089	.0004726	.0001701	.001679	.023227
%RSD	149.8764	64.28242	.4377806	573.3916	1.753300	267.8103	.2651013
#1	-.000104	.0000382	84.84244	.0006038	.0095090	.000446	8.764130
#2	.000014	.0001279	85.01537	-.000039	.0097548	-.002562	8.783601
#3	-.000029	.0001900	84.30420	-.000318	.0098354	.000235	8.737339

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2761704	9.351569	.0043957	.0002857	332.8664	.0006754	.1821704
Stddev	.0010004	.018514	.0004747	.0005347	.9060	.0016000	.0016745
%RSD	.3622323	.1979811	10.79853	187.1936	.2721806	236.8977	.9191865
#1	.2760160	9.331456	.0038496	.0004583	333.3038	.0017646	.1803351
#2	.2772390	9.367900	.0046274	-.000314	331.8247	-.001162	.1836150
#3	.2752562	9.355352	.0047100	.000713	333.4706	.001423	.1825611

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.435567	.0133587	.1404574	.0027920	5.824700	1.016217	-.002060
Stddev	.020967	.0024961	.0006342	.0001544	.013974	.000923	.000899
%RSD	.3257995	18.68556	.4515028	5.528677	.2399046	.0908009	43.63827
#1	6.422127	.0104787	.1398516	.0028874	5.811518	1.017282	-.001277
#2	6.424847	.0146996	.1404041	.0026139	5.823231	1.015703	-.003042
#3	6.459726	.0148978	.1411165	.0028747	5.839350	1.015666	-.001862

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: Q1129-01LX5 Acquired: 1/24/2025 18:57:03 Type: Unk
Method: EPA SFAM01.0(v55) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MJNLA3L Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.003264	.0101842	.6558418
Stddev	.000267	.0018065	.0027029
%RSD	8.174973	17.73832	.4121331
#1	-.003340	.0081702	.6581587
#2	-.002968	.0107206	.6564945
#3	-.003486	.0116617	.6528723

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3171.879	66248.77	10912.32	2221.822	3714.762
Stddev	2.617	260.45	18.57	14.281	6.068
%RSD	.0825141	.3931468	.1701738	.6427674	.1633544
#1	3173.126	66072.00	10890.88	2214.647	3721.752
#2	3168.871	66126.44	10923.32	2212.551	3710.853
#3	3173.640	66547.87	10922.76	2238.267	3711.679

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: Q1129-03 Acquired: 1/24/2025 19:01:07 Type: Unk
Method: EPA SFAM01.0(v55) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MJNLA3S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1900639**	**.0429253**	**.0239162**	**.1213898**	**.2176646**	**2.055295**
Stddev	.0009502	.0012347	.0005768	.0050343	.0017104	.010140
%RSD	.4999499	2.876475	2.411580	4.147235	.7858105	.4933453
#1	.1897431	.0442472	.0232671	.1239891	.2177217	2.066742
#2	.1911330	.0418017	.0243698	.1155872	.2159264	2.051701
#3	.1893157	.0427271	.0241117	.1245932	.2193459	2.047442

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.879745**	**.0453717**	**.0491849**	**441.7864**	**.2050005**	**.5393697**
Stddev	.006308	.0001740	.0001821	.9876	.0006034	.0022967
%RSD	.2190541	.3834289	.3702528	.2235395	.2943448	.4258125
#1	2.874822	.0455579	.0492014	442.6250	.2056603	.5380552
#2	2.886856	.0452133	.0489951	442.0363	.2048645	.5380323
#3	2.877558	.0453440	.0493582	440.6979	.2044767	.5420217

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2499521**	**45.88712**	**1.945308**	**47.95853**	**.5100740**	**.0434536**
Stddev	.0047987	.03154	.004353	.04893	.0016711	.0004712
%RSD	1.919836	.0687268	.2237533	.1020253	.3276131	1.084309
#1	.2535900	45.88077	1.942931	47.90772	.5081510	.0434341
#2	.2517527	45.92134	1.950331	47.96251	.5108981	.0429924
#3	.2445135	45.85923	1.942660	48.00534	.5111730	.0439341

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F **1706.962**	**.4905669**	**1.555576**	**36.74793**	**.0568810**	**.6935859**
Stddev	4.730	.0002996	.024141	.09184	.0032551	.0006920
%RSD	.2770857	.0610684	1.551901	.2499247	5.722630	.0997758
#1	1707.895	.4907364	1.536597	36.64210	.0606384	.6941460
#2	1711.155	.4902210	1.582747	36.79493	.0550865	.6937995
#3	1701.835	.4907433	1.547384	36.80676	.0549181	.6928123

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: Q1129-03 Acquired: 1/24/2025 19:01:07 Type: Unk
Method: EPA SFAM01.0(v55) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MJNLA3S Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0155242	F 30.03999	4.978789	-.001054	-.014078	.0400312
Stddev	.0001446	.12249	.007400	.000429	.000860	.0017007
%RSD	.9311605	.4077587	.1486296	40.70596	6.108756	4.248531
#1	.0156217	30.04509	4.984822	-.000793	-.014338	.0414636
#2	.0153581	29.91503	4.970532	-.001550	-.014778	.0404784
#3	.0155928	30.15985	4.981013	-.000821	-.013118	.0381515

Elem	Sr4077
Units	ppm
Avg	3.499734
Stddev	.020626
%RSD	.5893537
#1	3.513710
#2	3.509446
#3	3.476045

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2833.168	58938.62	10765.18	1949.661	3207.163
Stddev	8.134	75.36	20.10	23.918	10.478
%RSD	.2871107	.1278701	.1867090	1.226790	.3266982
#1	2841.497	58986.63	10754.53	1972.185	3217.788
#2	2832.762	58977.48	10788.36	1924.557	3206.862
#3	2825.244	58851.76	10752.65	1952.240	3196.839

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: PB166162BL Acquired: 1/24/2025 19:05:19 Type: Unk
Method: EPA SFAM01.0(v55) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: PBW162 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0003445**	**.0004994**	**-.000425**	**-.001093**	**.0002602**	**.0028087**
Stddev	.0005248	.0025041	.000369	.003016	.0014171	.0073646
%RSD	152.3296	501.4119	86.93739	275.9589	544.6164	262.2045
#1	.0000978	.0001930	-.000851	.001854	-.001375	.0077920
#2	-.000011	-.001837	-.000208	-.004173	.001121	-.005651
#3	.000947	.003143	-.000215	-.000959	.001035	.006285

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.010461**	**-.000012**	**-.000004**	**.0084325**	**.0002612**	**-.000014**
Stddev	.000584	.000028	.000033	.0055474	.0002069	.000129
%RSD	5.583781	229.4896	923.0127	65.78530	79.21544	899.6489
#1	-.010069	-.000040	.000032	.0071695	.0001264	-.000115
#2	-.011132	.000016	-.000034	.0145025	.0004995	-.000060
#3	-.010181	-.000013	-.000009	.0036256	.0001578	.000132

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0014259**	**.0009512**	**-.000498**	**-.013900**	**-.000021**	**.0003615**
Stddev	.0020920	.0051694	.000144	.009982	.000272	.0002939
%RSD	146.7176	543.4502	28.83733	71.80971	1270.243	81.30215
#1	.0024959	-.003453	-.000528	-.018136	.000070	.0002582
#2	.0027665	-.000336	-.000341	-.021066	-.000327	.0006932
#3	-.000985	.006643	-.000623	-.002499	.000193	.0001333

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.5019128**	**.0001347**	**-.000562**	**.1632552**	**.0028607**	F **-.012309**
Stddev	.2746277	.0010852	.001377	.0465436	.0011389	.000375
%RSD	54.71622	805.6533	245.2363	28.50971	39.81191	3.045472
#1	.3472180	-.000718	.000160	.1536105	.0036311	-.012441
#2	.8189945	-.000234	.000305	.1222897	.0033986	-.012600
#3	.3395259	.001356	-.002150	.2138656	.0015525	-.011886

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: PB166162BL Acquired: 1/24/2025 19:05:19 Type: Unk
Method: EPA SFAM01.0(v55) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: PBW162 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000550**	**.0200738**	**.0013583**	**-.000152**	**-.000358**	**.0025110**
Stddev	.000126	.0033581	.0011748	.000561	.000790	.0008056
%RSD	22.85791	16.72858	86.49579	370.0521	220.2505	32.08151
#1	-.000616	.0165372	.0006907	.000477	.000109	.0016022
#2	-.000629	.0232191	.0006693	-.000329	-.001270	.0027935
#3	-.000405	.0204651	.0027148	-.000603	.000086	.0031372

Elem	Sr4077
Units	ppm
Avg	**.0000437**
Stddev	.0000195
%RSD	44.63686
#1	.0000227
#2	.0000613
#3	.0000473

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**3375.205**	**71043.48**	**11152.65**	**2400.865**	**4207.284**
Stddev	5.852	152.44	25.88	10.956	10.745
%RSD	.1733964	.2145662	.2320419	.4563292	.2553915
#1	3379.900	70945.27	11132.69	2398.228	4210.088
#2	3377.067	71219.08	11181.89	2412.899	4216.349
#3	3368.648	70966.08	11143.36	2391.469	4195.415

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: PB166162BS Acquired: 1/24/2025 19:09:29 Type: Unk
Method: EPA SFAM01.0(v55) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCS162 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0186984**	**.0511025**	**.0177839**	**.0618847**	**.1074178**	**.3827428**	**.3773381**
Stddev	.0014921	.0002504	.0013914	.0019285	.0017185	.0052395	.0034675
%RSD	7.979750	.4900484	7.823745	3.116242	1.599865	1.368947	.9189276
#1	.0199808	.0508355	.0175316	.0597979	.1075025	.3842471	.3734537
#2	.0170607	.0511397	.0165359	.0622549	.1056584	.3870656	.3784397
#3	.0190536	.0513322	.0192841	.0636012	.1090924	.3769156	.3801211

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0093579**	**.0095503**	**9.750133**	**.0210308**	**.0952595**	**.0525518**	**.2108211**
Stddev	.0000982	.0000979	.054009	.0002711	.0001738	.0004275	.0051427
%RSD	1.049240	1.025296	.5539359	1.288953	.1824737	.8134475	2.439350
#1	.0094543	.0094859	9.693261	.0213018	.0951360	.0525853	.2048936
#2	.0093615	.0095020	9.756406	.0207596	.0951842	.0529615	.2140935
#3	.0092580	.0096630	9.800732	.0210309	.0954582	.0521085	.2134762

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0297179**	**8.653244**	**.0773006**	**.0188226**	**9.706324**	**.1004330**	**.1201721**
Stddev	.0000328	.069134	.0003444	.0003456	.173037	.0009554	.0015058
%RSD	.1105303	.7989424	.4455589	1.835867	1.782721	.9513173	1.253074
#1	.0296879	8.578620	.0771704	.0185684	9.610514	.1014774	.1187896
#2	.0297128	8.665998	.0776911	.0186834	9.906074	.0996030	.1199500
#3	.0297530	8.715113	.0770402	.0192161	9.602383	.1002185	.1217766

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**9.429584**	**.0205569**	**-.011076**	**.0192243**	**.1839162**	**.4379320**	**.0134053**
Stddev	.068371	.0012899	.000293	.0002851	.0005890	.0051239	.0005090
%RSD	.7250733	6.274639	2.643771	1.483246	.3202415	1.170030	3.796753
#1	9.366273	.0208427	-.011236	.0194402	.1844205	.4328530	.0139667
#2	9.420394	.0191480	-.010738	.0193316	.1832689	.4378432	.0132750
#3	9.502086	.0216798	-.011254	.0189010	.1840593	.4430997	.0129741

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: PB166162BS Acquired: 1/24/2025 19:09:29 Type: Unk
Method: EPA SFAM01.0(v55) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCS162 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1989422	.0305549	.1792710
Stddev	.0008012	.0015147	.0015814
%RSD	.4027059	4.957190	.8821100
#1	.1990904	.0289739	.1774616
#2	.1980773	.0306976	.1799627
#3	.1996589	.0319932	.1803886

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3411.354	70582.10	11269.36	2392.923	4221.835
Stddev	5.141	140.90	53.86	4.628	6.629
%RSD	.1507162	.1996203	.4778930	.1934055	.1570221
#1	3407.380	70691.93	11207.53	2397.881	4219.489
#2	3417.161	70631.14	11294.58	2392.172	4229.318
#3	3409.522	70423.24	11305.99	2388.716	4216.697

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: CCV017 Acquired: 1/24/2025 19:13:30 Type: Unk
Method: EPA SFAM01.0(v55) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV017 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**4.742382**	**4.720587**	**23.22714**	**4.841065**	**4.905671**	**420.6313**
Stddev	.011015	.018243	.03830	.021924	.013221	1.0849
%RSD	.2322742	.3864468	.1648923	.4528845	.2695079	.2579334
#1	4.742522	4.718556	23.22570	4.861072	4.916871	419.6240
#2	4.731297	4.703444	23.18957	4.817628	4.891086	420.4899
#3	4.753326	4.739759	23.26613	4.844494	4.909056	421.7800

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**10.73894**	**.4506087**	**2.312653**	**406.6380**	**14.68873**	**2.375691**
Stddev	.13825	.0014861	.004580	3.3174	.02431	.003851
%RSD	1.287331	.3297924	.1980530	.8158108	.1654999	.1620942
#1	10.58084	.4493668	2.309766	410.4184	14.67445	2.376728
#2	10.79888	.4502040	2.310259	404.2125	14.67494	2.371428
#3	10.83711	.4522551	2.317935	405.2831	14.71680	2.378918

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**14.70008**	**413.9968**	**15.38865**	**399.4267**	**2.364326**	**1.257562**
Stddev	.02699	2.3000	.04397	1.5264	.004775	.001686
%RSD	.1836185	.5555698	.2857036	.3821518	.2019747	.1340676
#1	14.73103	416.5536	15.43818	401.0251	2.364633	1.259505
#2	14.68146	412.0960	15.35426	397.9842	2.359404	1.256493
#3	14.68774	413.3409	15.37350	399.2710	2.368940	1.256687

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**379.2645**	**2.369531**	**15.82248**	**157.8968**	**4.699497**	F **5.654083**
Stddev	.4220	.008149	.03868	1.0661	.017047	.003905
%RSD	.1112762	.3438878	.2444815	.6752090	.3627374	.0690714
#1	379.0398	2.376343	15.77882	159.0878	4.697516	5.657085
#2	379.0023	2.360504	15.83613	157.0314	4.683527	5.649668
#3	379.7513	2.371746	15.85248	157.5712	4.717448	5.655497

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: CCV017 Acquired: 1/24/2025 19:13:30 Type: Unk
Method: EPA SFAM01.0(v55) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV017 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**4.744021**	**4.804109**	**4.768936**	**4.673767**	**4.835493**	**5.311027**
Stddev	.008540	.007584	.012633	.004475	.002533	.033664
%RSD	.1800081	.1578713	.2649043	.0957412	.0523828	.6338419
#1	4.748031	4.809770	4.774011	4.674314	4.836241	5.349857
#2	4.734214	4.795492	4.754555	4.669044	4.832670	5.290058
#3	4.749818	4.807064	4.778243	4.677943	4.837568	5.293167

Elem	Sr4077
Units	ppm
Avg	**5.308841**
Stddev	.020491
%RSD	.3859733
#1	5.308462
#2	5.288543
#3	5.329519

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**2765.279**	**60265.10**	**10494.79**	**2008.936**	**3266.999**
Stddev	4.155	159.56	32.09	1.914	4.928
%RSD	.1502552	.2647597	.3057791	.0952715	.1508392
#1	2760.881	60139.59	10518.60	2009.428	3264.783
#2	2769.139	60444.66	10507.46	2010.556	3272.646
#3	2765.816	60211.03	10458.29	2006.825	3263.568

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: CCB017 Acquired: 1/24/2025 19:22:06 Type: Unk
Method: EPA SFAM01.0(v55) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB017 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0010604**	**-.001480**	**-.000288**	**-.001319**	**.0009028**	**.0006181**	**-.009191**
Stddev	.0022679	.000877	.001047	.001478	.0005762	.0020179	.000081
%RSD	213.8693	59.25773	363.1327	112.1008	63.82900	326.4524	.8827890
#1	.0013748	-.001124	.000895	-.002989	.0006985	.0016424	-.009270
#2	-.001348	-.002479	-.001095	-.000791	.0004565	-.001706	-.009196
#3	.003155	-.000837	-.000665	-.000177	.0015533	.001918	-.009108

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000044**	**-.000012**	**.0058151**	**.0004315**	**-.000142**	**-.000900**	**.0091148**
Stddev	.000084	.000015	.0018364	.0002521	.000340	.002726	.0053451
%RSD	191.8479	130.5000	31.58010	58.42227	239.8509	302.7998	58.64177
#1	.000003	.000005	.0040289	.0005522	.000189	.000310	.0051451
#2	.000006	-.000026	.0076979	.0001417	-.000489	.001011	.0151924
#3	-.000140	-.000014	.0057186	.0006005	-.000125	-.004022	.0070068

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000136**	**-.015986**	**-.000197**	**.0001332**	**.0198400**	**.0014407**	**-.000405**
Stddev	.000179	.004822	.000214	.0003273	.4327141	.0005587	.001001
%RSD	131.0710	30.16201	108.6907	245.7199	2181.022	38.78252	247.1588
#1	-.000140	-.021554	-.000444	.0003890	.2951282	.0012355	.000177
#2	.000044	-.013160	-.000063	.0002463	-.478919	.0010136	-.001562
#3	-.000313	-.013245	-.000084	-.000236	.243311	.0020730	.000169

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1893799**	**.0043961**	**-.005592**	**.0001704**	**.0160169**	**.0025448**	**.0003397**
Stddev	.0734804	.0024413	.000386	.0003248	.0011974	.0029827	.0004180
%RSD	38.80052	55.53261	6.904574	190.5955	7.475614	117.2053	123.0398
#1	.1602469	.0052255	-.006037	.0005431	.0158976	.0024160	.0007582
#2	.1349332	.0016482	-.005349	-.000052	.0172694	-.000371	-.000078
#3	.2729595	.0063147	-.005390	.000020	.0148837	.005590	.000339

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: CCB017 Acquired: 1/24/2025 19:22:06 Type: Unk
Method: EPA SFAM01.0(v55) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB017 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000942	.0010828	.0000484
Stddev	.000310	.0008704	.0000445
%RSD	32.90850	80.38023	91.93671
#1	-.000824	.0012607	.0000975
#2	-.001293	.0001373	.0000107
#3	-.000708	.0018506	.0000371

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3423.345	70040.32	11207.20	2381.335	4272.560
Stddev	7.581	1372.48	64.68	43.919	6.810
%RSD	.2214415	1.959562	.5771099	1.844289	.1593916
#1	3415.025	70928.87	11214.95	2417.057	4265.711
#2	3425.147	70732.52	11139.00	2394.648	4272.638
#3	3429.862	68459.57	11267.66	2332.300	4279.331

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: Q1127-09 Acquired: 1/24/2025 19:26:16 Type: Unk
Method: EPA SFAM01.0(v55) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MJNLE5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0409909**	**.0064513**	**.0030178**	**-.007826**	**.0237621**	**-.122314**
Stddev	.0041264	.0033321	.0034278	.001171	.0017780	.012061
%RSD	10.06660	51.65017	113.5875	14.96320	7.482556	9.861061
#1	.0422992	.0026850	-.000870	-.007998	.0255379	-.135594
#2	.0443046	.0076533	.004316	-.008902	.0237665	-.119311
#3	.0363690	.0090157	.005607	-.006579	.0219819	-.112038

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0120455**	**.0000823**	**-.000014**	**377.5806**	**-.000031**	**.0006068**
Stddev	.0015463	.0000652	.000055	2.0223	.000340	.0002545
%RSD	12.83723	79.26057	387.9062	.5355899	1078.789	41.94274
#1	.0119281	.0000860	-.000078	378.6722	.000340	.0006163
#2	.0105612	.0001456	.000020	378.8225	-.000327	.0008564
#3	.0136472	.0000153	.000016	375.2471	-.000107	.0003477

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0103520**	**.8684976**	**.3248442**	F **1130.565**	**.0028447**	**.0003983**
Stddev	.0015084	.0052103	.0021145	4.486	.0006828	.0003318
%RSD	14.57058	.5999253	.6509368	.3968182	24.00320	83.28824
#1	.0089710	.8745131	.3266006	1134.584	.0030611	.0004976
#2	.0119616	.8653999	.3254349	1131.386	.0033930	.0000282
#3	.0101235	.8655799	.3224972	1125.725	.0020799	.0006691

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F **9166.858**	**.0091655**	**.1512132**	F **458.0229**	**3.762935**	**2.798315**
Stddev	80.149	.0008525	.0047287	7.7297	.008178	.045617
%RSD	.8743315	9.301471	3.127171	1.687625	.2173178	1.630147
#1	9105.520	.0100468	.1534010	461.5265	3.769962	2.770481
#2	9137.510	.0091049	.1544518	463.3804	3.753959	2.773505
#3	9257.545	.0083450	.1457868	449.1618	3.764886	2.850960

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: Q1127-09 Acquired: 1/24/2025 19:26:16 Type: Unk
Method: EPA SFAM01.0(v55) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MJNLE5 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0196079	F 779.6666	2.300179	-.005082	-.011979	.2148300
Stddev	.0001866	3.5880	.004731	.000963	.001059	.0043054
%RSD	.9516011	.4601955	.2056985	18.94878	8.837924	2.004117
#1	.0195120	780.9219	2.295551	-.004511	-.011781	.2166948
#2	.0194886	775.6196	2.305008	-.004541	-.011034	.2178886
#3	.0198229	782.4583	2.299978	-.006193	-.013123	.2099065

Elem	Sr4077
Units	ppm
Avg	7.078453
Stddev	.106886
%RSD	1.510023
#1	7.082277
#2	7.183376
#3	6.969706

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2154.379	45575.73	9084.555	1496.260	2275.079
Stddev	14.006	108.33	134.779	3.073	11.496
%RSD	.6501378	.2376873	1.483603	.2053522	.5052874
#1	2167.661	45630.08	9155.476	1499.791	2286.211
#2	2155.731	45646.13	9169.065	1494.794	2275.774
#3	2139.746	45450.99	8929.123	1494.195	2263.251

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: Q1127-10 Acquired: 1/24/2025 19:30:35 Type: Unk
Method: EPA SFAM01.0(v55) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MJNLE5D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0366741**	**.0037746**	**.0050465**	**-.007172**	**.0231475**	**-.148846**
Stddev	.0045226	.0014545	.0008905	.006168	.0017240	.017243
%RSD	12.33188	38.53329	17.64574	86.00857	7.447888	11.58431
#1	.0414689	.0049170	.0042661	-.013154	.0228922	-.153064
#2	.0324848	.0042694	.0060165	-.000833	.0249848	-.129885
#3	.0360685	.0021372	.0048570	-.007528	.0215653	-.163588

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0138367**	**.0000786**	**-.000083**	**377.8081**	**-.000319**	**.0007089**
Stddev	.0004192	.0000650	.000078	1.1982	.000600	.0002198
%RSD	3.029638	82.76430	93.54049	.3171451	188.0527	30.99884
#1	.0136977	.0000473	-.000165	379.1905	-.000551	.0005508
#2	.0143078	.0000351	-.000073	377.0694	.000362	.0009599
#3	.0135047	.0001533	-.000011	377.1642	-.000770	.0006161

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0087786**	**.8614391**	**.3248553**	F **1132.034**	**.0019874**	**.0000130**
Stddev	.0033707	.0007596	.0010426	5.503	.0009124	.0002900
%RSD	38.39694	.0881754	.3209454	.4860909	45.90980	2228.058
#1	.0060193	.8614060	.3260166	1137.765	.0017500	.0003479
#2	.0077810	.8606966	.3245494	1131.545	.0029951	-.000153
#3	.0125355	.8622147	.3239998	1126.792	.0012172	-.000156

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F **9129.254**	**.0067763**	**.1504374**	F **447.4983**	**3.714158**	**2.809409**
Stddev	129.418	.0002552	.0020160	2.8103	.016998	.020242
%RSD	1.417618	3.765496	1.340103	.6280055	.4576458	.7204958
#1	8992.656	.0064824	.1505479	448.5211	3.704274	2.805174
#2	9145.068	.0069042	.1523959	444.3198	3.704415	2.831433
#3	9250.038	.0069421	.1483684	449.6539	3.733785	2.791620

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: Q1127-10 Acquired: 1/24/2025 19:30:35 Type: Unk
Method: EPA SFAM01.0(v55) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MJNLE5D Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0197472	F 764.3980	2.310040	-.003614	-.011865	.2058262
Stddev	.0006003	3.1287	.028096	.001578	.000711	.0017594
%RSD	3.039822	.4092978	1.216251	43.66692	5.993433	.8548185
#1	.0201973	762.5711	2.314509	-.002655	-.012670	.2074123
#2	.0199786	762.6123	2.335634	-.002752	-.011321	.2039337
#3	.0190657	768.0106	2.279978	-.005435	-.011604	.2061325

Elem	Sr4077
Units	ppm
Avg	6.988860
Stddev	.081400
%RSD	1.164711
#1	6.909760
#2	6.984442
#3	7.072380

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2180.757	45527.28	9035.477	1489.701	2299.763
Stddev	5.757	42.23	57.481	6.270	2.886
%RSD	.2639864	.0927507	.6361652	.4209021	.1254964
#1	2183.499	45478.72	9047.973	1490.275	2301.498
#2	2174.142	45547.75	8972.776	1483.164	2296.432
#3	2184.630	45555.37	9085.682	1495.664	2301.361

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: Q1127-09LX5 Acquired: 1/24/2025 19:34:54 Type: Unk
Method: EPA SFAM01.0(v55) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MJNLE5L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0092184	.0024834	-.001822	-.001772	.0027684	-.034764
Stddev	.0011532	.0015547	.001744	.004112	.0006373	.020065
%RSD	12.50976	62.60492	95.72850	232.0745	23.01950	57.71717
#1	.0100374	.0018565	.000189	-.003008	.0030089	-.057905
#2	.0078996	.0013399	-.002728	-.005125	.0032504	-.022197
#3	.0097183	.0042536	-.002926	.002816	.0020459	-.024191

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002709	-.000029	-.000041	71.50486	.0000479	.0001274
Stddev	.000610	.000029	.000093	.38897	.0001763	.0003026
%RSD	22.50887	100.7547	226.9731	.5439806	368.1141	237.4472
#1	-.002041	-.000063	-.000134	71.08489	.0001274	.0000122
#2	-.003235	-.000010	-.000042	71.57696	-.000154	-.000101
#3	-.002851	-.000014	.000052	71.85274	.000170	.000471

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0011880	.1683007	.0611993	211.0172	.0001731	.0002862
Stddev	.0021843	.0048238	.0004172	.9847	.0002212	.0002843
%RSD	183.8626	2.866156	.6816412	.4666266	127.7792	99.32317
#1	.0026161	.1651837	.0609325	209.9325	.0000425	.0000351
#2	-.001327	.1738569	.0609853	211.2647	.0004285	.0002288
#3	.002274	.1658614	.0616800	211.8546	.0000483	.0005948

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 1759.613	.0038556	.0240127	72.83390	.6639190	.6299157
Stddev	3.319	.0021382	.0019651	.57788	.0009004	.0065577
%RSD	.1886240	55.45834	8.183444	.7934230	.1356175	1.041046
#1	1763.437	.0015632	.0252644	72.28395	.6649334	.6373516
#2	1757.474	.0042074	.0250258	72.78160	.6636088	.6274366
#3	1757.929	.0057960	.0217478	73.43615	.6632147	.6249590

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: Q1127-09LX5 Acquired: 1/24/2025 19:34:54 Type: Unk
Method: EPA SFAM01.0(v55) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MJNLE5L Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0037614	F 149.3072	.4488400	-.001785	-.003149	.0382779
Stddev	.0003009	.1645	.0033806	.000776	.000233	.0005981
%RSD	7.998329	.1101830	.7531924	43.50401	7.411373	1.562489
#1	.0034209	149.1757	.4459732	-.002635	-.003088	.0376022
#2	.0039914	149.2543	.4479789	-.001607	-.002951	.0384925
#3	.0038717	149.4917	.4525679	-.001113	-.003406	.0387391

Elem	Sr4077
Units	ppm
Avg	1.257791
Stddev	.007584
%RSD	.6029729
#1	1.250145
#2	1.257917
#3	1.265311

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2876.391	58042.47	10180.05	1986.025	3192.366
Stddev	7.982	76.83	52.17	13.157	9.568
%RSD	.2775051	.1323715	.5125070	.6624990	.2997272
#1	2882.066	58112.20	10122.98	1998.581	3196.731
#2	2879.842	58055.10	10191.88	1987.155	3198.973
#3	2867.263	57960.10	10225.29	1972.339	3181.394

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: Q1127-10 Acquired: 1/24/2025 19:39:09 Type: Unk
Method: EPA SFAM01.0(v55) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MJNLE5S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0794003	.0526942	.0194795	.0975814	.1277071	2.209552
Stddev	.0021420	.0044599	.0014288	.0011794	.0010224	.020514
%RSD	2.697705	8.463690	7.334978	1.208656	.8006029	.9284243
#1	.0770721	.0522638	.0205026	.0983662	.1267198	2.192501
#2	.0812874	.0573537	.0178471	.0981529	.1287614	2.203838
#3	.0798413	.0484652	.0200889	.0962251	.1276401	2.232318

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.349319	.0488942	.0467796	366.5602	.1878789	.4768075
Stddev	.031246	.0003971	.0001284	3.3661	.0007798	.0024570
%RSD	1.330023	.8120953	.2744879	.9183031	.4150533	.5153025
#1	2.326213	.0490541	.0468287	363.6040	.1878140	.4747242
#2	2.336873	.0491863	.0468762	365.8528	.1871337	.4761814
#3	2.384870	.0484421	.0466338	370.2238	.1886892	.4795170

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2654609	1.985744	.8551595	F 1098.898	.4670117	.0489825
Stddev	.0029898	.022333	.0086063	7.143	.0019400	.0002701
%RSD	1.126270	1.124670	1.006400	.6500267	.4154087	.5514892
#1	.2623317	1.963718	.8486260	1092.769	.4654035	.0488196
#2	.2682884	1.985142	.8519414	1097.183	.4664654	.0488336
#3	.2657626	2.008372	.8649111	1106.743	.4691663	.0492943

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 9065.179	.4728522	.7511755	F 431.3095	3.700706	2.822280
Stddev	102.816	.0016540	.0149813	4.9213	.015330	.020422
%RSD	1.134190	.3497914	1.994378	1.141013	.4142518	.7236163
#1	8962.943	.4721592	.7338775	428.0960	3.706321	2.827573
#2	9168.566	.4747399	.7596777	428.8574	3.683360	2.839535
#3	9064.028	.4716573	.7599714	436.9751	3.712437	2.799732

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: Q1127-10 Acquired: 1/24/2025 19:39:09 Type: Unk
Method: EPA SFAM01.0(v55) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MJNLE5S Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0189037	F 760.7311	2.281995	-.006142	-.012431	.1974403
Stddev	.0004542	2.0058	.005957	.001383	.000299	.0020283
%RSD	2.402466	.2636679	.2610552	22.51942	2.403979	1.027277
#1	.0189406	760.6198	2.275148	-.007667	-.012769	.1953513
#2	.0193382	758.7832	2.284844	-.005789	-.012202	.1975677
#3	.0184322	762.7902	2.285993	-.004969	-.012322	.1994018

Elem	Sr4077
Units	ppm
Avg	6.815251
Stddev	.045198
%RSD	.6631910
#1	6.780622
#2	6.798751
#3	6.866381

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2222.968	46480.74	9024.419	1532.285	2323.346
Stddev	3.672	326.86	25.996	18.544	6.982
%RSD	.1651702	.7032234	.2880647	1.210190	.3005195
#1	2223.916	46718.65	9032.435	1552.189	2327.605
#2	2226.072	46615.54	8995.359	1529.169	2327.144
#3	2218.915	46108.04	9045.464	1515.497	2315.288

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: PB166138BL Acquired: 1/24/2025 19:43:20 Type: Unk
Method: EPA SFAM01.0(v55) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: PBW138 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0017928**	**.0004613**	**-.000809**	**-.001682**	**-.000222**	**-.003176**	**-.007586**
Stddev	.0007281	.0016254	.000715	.002095	.000855	.001303	.000326
%RSD	40.61335	352.3638	88.40218	124.5252	385.1085	41.01903	4.302435
#1	.0013491	-.001340	-.001633	.000712	.000258	-.004407	-.007613
#2	.0026331	.000904	-.000356	-.003177	.000285	-.001812	-.007247
#3	.0013961	.001819	-.000438	-.002582	-.001210	-.003310	-.007899

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000059**	**.0000103**	**.0036896**	**.0000107**	**-.000056**	**-.001841**	**.0046964**
Stddev	.000034	.0000179	.0074917	.0001868	.000197	.001365	.0010871
%RSD	58.07763	174.0530	203.0522	1748.983	354.2184	74.14258	23.14792
#1	-.000094	.0000244	.0010780	-.000200	-.000278	-.002674	.0053597
#2	-.000026	.0000163	-.002147	.000156	.000015	-.002584	.0052878
#3	-.000057	-.000010	.012138	.000076	.000097	-.000266	.0034418

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000534**	**.0070813**	**-.000033**	**.0005029**	**.1716463**	**.0005463**	**-.000544**
Stddev	.000251	.0068602	.000056	.0000630	.3796200	.0007138	.002071
%RSD	47.07608	96.87839	168.2658	12.53570	221.1641	130.6609	381.0964
#1	-.000801	.0147902	.000008	.0004301	.1027270	.0009272	-.002254
#2	-.000302	.0016481	-.000010	.0005387	.5810046	-.000277	-.001136
#3	-.000499	.0048055	-.000097	.0005399	-.168793	.000989	.001760

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.8983637**	**.0035319**	**-.007229**	**-.000358**	**.0353078**	**.0007942**	**.0003357**
Stddev	.1068572	.0018825	.000370	.000433	.0020102	.0030206	.0005202
%RSD	11.89464	53.29999	5.121967	120.8959	5.693332	380.3239	154.9595
#1	.7956357	.0026399	-.007591	-.000002	.0345951	-.000107	.0008839
#2	.8905359	.0022611	-.007245	-.000839	.0337510	.004163	.0002744
#3	1.008920	.0056945	-.006851	-.000233	.0375772	-.001673	-.000151

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: PB166138BL Acquired: 1/24/2025 19:43:20 Type: Unk
Method: EPA SFAM01.0(v55) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: PBW138 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000684	.0016037	.0000679
Stddev	.000158	.0012995	.0000131
%RSD	23.02438	81.03110	19.33759
#1	-.000610	.0002572	.0000528
#2	-.000865	.0028505	.0000768
#3	-.000578	.0017034	.0000740

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3510.751	71059.45	10875.80	2431.438	4399.123
Stddev	4.057	70.41	26.69	2.712	10.283
%RSD	.1155589	.0990883	.2454159	.1115565	.2337463
#1	3513.313	70979.12	10905.73	2431.307	4395.329
#2	3512.865	71110.48	10867.24	2434.213	4410.764
#3	3506.073	71088.75	10854.45	2428.793	4391.276

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: PB166138BS Acquired: 1/24/2025 19:47:30 Type: Unk
Method: EPA SFAM01.0(v55) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCS138 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0182614**	**.0499193**	**.0184558**	**.0638152**	**.1050956**	**.3561898**	**.3444645**
Stddev	.0012846	.0003147	.0008052	.0019405	.0010257	.0039541	.0044295
%RSD	7.034567	.6304397	4.362583	3.040871	.9759805	1.110108	1.285916
#1	.0196218	.0502486	.0179045	.0630132	.1052788	.3517864	.3393544
#2	.0170691	.0498878	.0180832	.0624042	.1039907	.3594368	.3472093
#3	.0180934	.0496215	.0193798	.0660282	.1060174	.3573460	.3468297

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0096186**	**.0096863**	**9.068188**	**.0205140**	**.0951519**	**.0519530**	**.1915098**
Stddev	.0001477	.0000158	.076861	.0005942	.0002208	.0010367	.0062916
%RSD	1.535074	.1626813	.8475896	2.896529	.2320678	1.995561	3.285263
#1	.0097770	.0096702	8.980452	.0209383	.0953185	.0507559	.1847608
#2	.0095940	.0096871	9.100463	.0198349	.0949015	.0525473	.1925556
#3	.0094848	.0097017	9.123649	.0207687	.0952358	.0525558	.1972130

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0276110**	**8.125808**	**.0773244**	**.0181344**	**9.387223**	**.0996211**	**.1143943**
Stddev	.0003406	.068137	.0003186	.0004079	.293258	.0012102	.0039891
%RSD	1.233647	.8385275	.4120878	2.249073	3.124018	1.214814	3.487152
#1	.0272553	8.047577	.0770627	.0183907	9.571438	.0996139	.1099541
#2	.0279342	8.157669	.0776792	.0183483	9.541183	.0984144	.1176755
#3	.0276436	8.172177	.0772312	.0176641	9.049048	.1008348	.1155535

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**8.854295**	**.0198746**	**-.008414**	**.0190243**	**.1962345**	**.4428045**	**.0133480**
Stddev	.186313	.0005541	.000351	.0002599	.0049938	.0055766	.0003297
%RSD	2.104210	2.787851	4.174221	1.366229	2.544794	1.259384	2.470222
#1	8.663199	.0200581	-.008654	.0193218	.1980801	.4392606	.0129843
#2	8.864262	.0203137	-.008577	.0188413	.1905807	.4492325	.0134325
#3	9.035425	.0192521	-.008011	.0189098	.2000428	.4399203	.0136273

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: PB166138BS Acquired: 1/24/2025 19:47:30 Type: Unk
Method: EPA SFAM01.0(v55) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCS138 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1974432	.0277304	.1643604
Stddev	.0009593	.0001864	.0020294
%RSD	.4858440	.6721375	1.234706
#1	.1964611	.0279225	.1620190
#2	.1983779	.0277186	.1654489
#3	.1974907	.0275502	.1656132

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3399.332	73220.35	10829.58	2464.696	4156.980
Stddev	9.686	152.30	75.48	8.294	6.301
%RSD	.2849517	.2079993	.6969925	.3365043	.1515741
#1	3391.857	73395.40	10745.56	2471.572	4149.972
#2	3410.275	73147.35	10851.51	2455.485	4162.177
#3	3395.863	73118.29	10891.67	2467.031	4158.793

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: Q1105-01 Acquired: 1/24/2025 19:51:33 Type: Unk
Method: EPA SFAM01.0(v55) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: YE8G3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.3178455**	**-.007174**	**.3137598**	**.0133829**	**.0325149**	**120.6874**
Stddev	.0022163	.000904	.0015680	.0030830	.0027253	.6709
%RSD	.6972836	12.59421	.4997408	23.03688	8.381558	.5558872
#1	.3176805	-.006162	.3130722	.0155256	.0341199	121.2428
#2	.3157162	-.007458	.3126530	.0147735	.0293683	120.8774
#3	.3201396	-.007901	.3155540	.0098495	.0340566	119.9420

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.172929**	**.0036562**	**.0158085**	F **2505.649**	**.3420472**	**.0544485**
Stddev	.008721	.0001174	.0001463	27.121	.0014211	.0004138
%RSD	.7435420	3.210527	.9252819	1.082389	.4154593	.7600663
#1	1.180654	.0037862	.0156396	2478.333	.3430521	.0544393
#2	1.174662	.0035579	.0158910	2532.570	.3426682	.0540394
#3	1.163472	.0036244	.0158949	2506.043	.3404213	.0548669

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.3228314**	**149.0989**	**4.929667**	**33.34642**	**.1448523**	**.0045424**
Stddev	.0024737	.6191	.033708	.07845	.0015563	.0002612
%RSD	.7662508	.4152524	.6837722	.2352501	1.074429	5.750245
#1	.3254761	149.6013	4.961362	33.43266	.1433024	.0043518
#2	.3224437	149.2882	4.933384	33.32730	.1448396	.0044352
#3	.3205745	148.4072	4.894255	33.27930	.1464150	.0048401

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.976408**	**.5500284**	**2.473481**	**32.73526**	**2.935265**	**.7280633**
Stddev	.213190	.0012218	.012104	.16390	.022688	.0038259
%RSD	10.78673	.2221327	.4893571	.5006874	.7729437	.5254913
#1	2.152124	.5486361	2.470439	32.84610	2.926998	.7315243
#2	2.037859	.5509219	2.486816	32.81269	2.917871	.7287105
#3	1.739242	.5505271	2.463188	32.54699	2.960928	.7239550

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: Q1105-01 Acquired: 1/24/2025 19:51:33 Type: Unk
Method: EPA SFAM01.0(v55) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: YE8G3 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4148923	F 61.84874	3.122559	.0367657	5.705060	.1667577
Stddev	.0015153	.33256	.010462	.0001556	.013652	.0015667
%RSD	.3652339	.5377069	.3350314	.4233155	.2392992	.9394922
#1	.4142571	61.56544	3.127497	.0366158	5.719201	.1673330
#2	.4137979	61.76589	3.129636	.0369266	5.704023	.1679554
#3	.4166218	62.21490	3.110542	.0367548	5.691956	.1649847

Elem	Sr4077
Units	ppm
Avg	2.860242
Stddev	.041430
%RSD	1.448483
#1	2.893735
#2	2.873079
#3	2.813913

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3011.013	63289.38	10966.87	2136.660	3068.527
Stddev	10.831	182.82	42.96	6.753	12.895
%RSD	.3596988	.2888612	.3917621	.3160627	.4202294
#1	3013.659	63084.06	10962.86	2134.854	3077.276
#2	3020.275	63434.55	11011.70	2144.133	3074.588
#3	2999.104	63349.52	10926.05	2130.993	3053.719

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: Q1105-02 Acquired: 1/24/2025 19:55:44 Type: Unk
Method: EPA SFAM01.0(v55) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: YE8G5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0857143	-.012100	.0930944	.1050603	.0486822	169.8433
Stddev	.0022909	.002960	.0012249	.0012817	.0016902	.3737
%RSD	2.672731	24.46358	1.315761	1.219926	3.472008	.2200324
#1	.0883595	-.011354	.0944680	.1045241	.0468024	169.4599
#2	.0843745	-.009585	.0926993	.1041339	.0491674	170.2065
#3	.0844088	-.015362	.0921157	.1065230	.0500768	169.8633

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5080365	.0013851	.0104791	48.22572	.1829129	.2035162
Stddev	.0020530	.0001058	.0001953	.18854	.0016589	.0002218
%RSD	.4041009	7.634999	1.863538	.3909453	.9069143	.1089654
#1	.5057186	.0012965	.0102563	48.02135	.1823797	.2032640
#2	.5087650	.0015022	.0105606	48.39287	.1847728	.2036809
#3	.5096259	.0013567	.0106205	48.26294	.1815862	.2036036

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5387433	504.1111	10.75584	98.10618	.1184884	.0142113
Stddev	.0026655	3.6991	.04184	.44578	.0004105	.0012377
%RSD	.4947602	.7337821	.3889746	.4543884	.3464796	8.709257
#1	.5393512	508.2744	10.70833	97.74696	.1180463	.0156393
#2	.5358264	501.2028	10.78719	98.60508	.1188576	.0134469
#3	.5410524	502.8561	10.77200	97.96651	.1185614	.0135477

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.820293	.5771416	.7346651	4.779172	F 11.23890	2.045780
Stddev	.137943	.0031297	.0017285	.089589	.02354	.016026
%RSD	7.578057	.5422702	.2352712	1.874573	.2094718	.7833471
#1	1.757885	.5737707	.7365725	4.687948	11.21337	2.064061
#2	1.724584	.5776989	.7332024	4.782536	11.24358	2.034154
#3	1.978412	.5799551	.7342205	4.867031	11.25975	2.039124

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: Q1105-02 Acquired: 1/24/2025 19:55:44 Type: Unk
Method: EPA SFAM01.0(v55) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: YE8G5 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0140446	1.734209	3.977426	.0255399	5.187942	.1912004
Stddev	.0003500	.005224	.011103	.0005475	.010487	.0004552
%RSD	2.491951	.3012371	.2791570	2.143856	.2021458	.2381008
#1	.0142469	1.732017	3.967850	.0258172	5.181377	.1906773
#2	.0142465	1.740172	3.974830	.0249092	5.182413	.1914171
#3	.0136405	1.730438	3.989597	.0258934	5.200037	.1915068

Elem	Sr4077
Units	ppm
Avg	.2362709
Stddev	.0008355
%RSD	.3536088
#1	.2354672
#2	.2362105
#3	.2371349

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3415.839	73452.81	11652.07	2472.536	3744.527
Stddev	5.060	138.94	10.62	12.756	7.526
%RSD	.1481297	.1891551	.0911592	.5158936	.2009848
#1	3421.073	73572.29	11655.44	2459.888	3753.217
#2	3415.470	73300.34	11660.60	2472.324	3740.174
#3	3410.974	73485.79	11640.17	2485.396	3740.191

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: Q1105-03 Acquired: 1/24/2025 19:59:46 Type: Unk
Method: EPA SFAM01.0(v55) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: YE8G6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0381335	-.003411	.0358724	.0238873	.0149274	63.05446
Stddev	.0016434	.001278	.0016532	.0012924	.0001735	.15385
%RSD	4.309533	37.46971	4.608523	5.410278	1.162365	.2439878
#1	.0399205	-.004508	.0341816	.0229082	.0151176	63.03883
#2	.0377926	-.002007	.0374852	.0234015	.0147778	62.90903
#3	.0366872	-.003718	.0359504	.0253522	.0148869	63.21552

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.126434	.0005170	.0074912	214.5135	.0486408	.0462127
Stddev	.002693	.0001245	.0000998	.3827	.0003192	.0005244
%RSD	.2391035	24.09214	1.332594	.1783979	.6561980	1.134786
#1	1.124327	.0006393	.0074645	214.2714	.0483064	.0456390
#2	1.125506	.0003903	.0076016	214.3143	.0489422	.0463317
#3	1.129468	.0005214	.0074074	214.9547	.0486737	.0466674

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0722098	127.6351	4.348479	46.24349	.1670447	.0044328
Stddev	.0006148	.2941	.015825	.10855	.0010879	.0001646
%RSD	.8513843	.2304316	.3639163	.2347281	.6512808	3.712327
#1	.0724313	127.4815	4.333124	46.18864	.1666026	.0045518
#2	.0726831	127.4496	4.347580	46.17331	.1662475	.0045016
#3	.0715149	127.9742	4.364735	46.36852	.1682841	.0042450

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.201706	.0978516	.7360499	7.029618	5.976805	.5220430
Stddev	.155223	.0012776	.0089511	.038139	.039144	.0015917
%RSD	12.91687	1.305608	1.216098	.5425427	.6549295	.3048963
#1	1.061976	.0969503	.7374270	6.991488	5.959888	.5217402
#2	1.174355	.0972910	.7264900	7.029601	5.948964	.5206244
#3	1.368786	.0993137	.7442326	7.067766	6.021562	.5237643

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: Q1105-03 Acquired: 1/24/2025 19:59:46 Type: Unk
Method: EPA SFAM01.0(v55) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: YE8G6 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0240251	4.929473	F 16.16487	.0137309	2.419386	.0327891
Stddev	.0001848	.041399	.03779	.0005774	.002188	.0009392
%RSD	.7693626	.8398300	.2337535	4.205073	.0904360	2.864453
#1	.0241085	4.900578	16.12319	.0131180	2.421280	.0332152
#2	.0238133	4.910941	16.17455	.0142646	2.416991	.0334397
#3	.0241536	4.976901	16.19688	.0138101	2.419887	.0317123

Elem	Sr4077
Units	ppm
Avg	.3108280
Stddev	.0008235
%RSD	.2649271
#1	.3102252
#2	.3104925
#3	.3117663

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3297.773	69388.47	11221.85	2366.014	3760.629
Stddev	18.593	44.78	11.81	8.918	20.352
%RSD	.5637999	.0645296	.1052050	.3769112	.5411873
#1	3306.983	69426.84	11229.76	2368.427	3775.911
#2	3309.962	69399.30	11208.28	2373.477	3768.449
#3	3276.372	69339.27	11227.52	2356.138	3737.527

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: Q1105-04 Acquired: 1/24/2025 20:03:45 Type: Unk
Method: EPA SFAM01.0(v55) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: YE8G6D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0396842	-.003153	.0367883	.0232757	.0137856	62.12008
Stddev	.0030329	.002328	.0008962	.0019275	.0012304	.59188
%RSD	7.642707	73.81980	2.436059	8.281045	8.925607	.9527926
#1	.0361820	-.005538	.0359624	.0229857	.0131953	61.56440
#2	.0414452	-.003034	.0377412	.0215097	.0129615	62.05333
#3	.0414252	-.000887	.0366614	.0253317	.0152000	62.74249

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.106921	.0005102	.0073814	210.5308	.0484055	.0453560
Stddev	.010817	.0000972	.0000993	2.1431	.0009167	.0002529
%RSD	.9771810	19.05812	1.345408	1.017955	1.893723	.5576213
#1	1.096969	.0004642	.0074960	208.6840	.0478474	.0456275
#2	1.105361	.0004444	.0073286	210.0276	.0479056	.0453134
#3	1.118432	.0006218	.0073197	212.8807	.0494634	.0451271

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0714029	125.6389	4.273684	45.37861	.1644298	.0038382
Stddev	.0019409	1.4261	.044175	.48393	.0006089	.0004658
%RSD	2.718179	1.135117	1.033662	1.066422	.3702909	12.13564
#1	.0713833	124.4121	4.236556	45.01956	.1646033	.0034142
#2	.0733535	125.3009	4.261957	45.18734	.1637531	.0037636
#3	.0694719	127.2037	4.322540	45.92895	.1649332	.0043368

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.230782	.0967220	.7210766	6.843964	5.870968	.5121263
Stddev	.039745	.0018900	.0121015	.113983	.012835	.0069334
%RSD	3.229252	1.954017	1.678255	1.665450	.2186147	1.353856
#1	1.185166	.0956984	.7079689	6.806279	5.869005	.5061967
#2	1.257952	.0955646	.7234365	6.753596	5.859228	.5104325
#3	1.249227	.0989029	.7318243	6.972017	5.884671	.5197497

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: Q1105-04 Acquired: 1/24/2025 20:03:45 Type: Unk
Method: EPA SFAM01.0(v55) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: YE8G6D Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0242919	4.815168	F 16.29610	.0145577	2.405053	.0303535
Stddev	.0000665	.024792	.07618	.0003055	.003010	.0008882
%RSD	.2736552	.5148655	.4674963	2.098385	.1251403	2.926063
#1	.0242181	4.815469	16.32097	.0143391	2.408406	.0300054
#2	.0243106	4.790227	16.21059	.0144273	2.402586	.0296922
#3	.0243470	4.839808	16.35674	.0149068	2.404167	.0313630

Elem	Sr4077
Units	ppm
Avg	.3052667
Stddev	.0031058
%RSD	1.017408
#1	.3023241
#2	.3049628
#3	.3085134

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3362.723	70234.60	11206.95	2375.638	3830.136
Stddev	6.245	558.40	45.33	18.802	1.872
%RSD	.1857195	.7950566	.4044970	.7914411	.0488693
#1	3369.794	70704.87	11158.21	2392.454	3828.249
#2	3360.414	70381.51	11247.86	2379.121	3831.992
#3	3357.961	69617.43	11214.77	2355.338	3830.166

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: Q1105-03LX5 Acquired: 1/24/2025 20:07:43 Type: Unk
Method: EPA SFAM01.0(v55) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: YE8G6L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0070579	-.001559	.0062776	.0062948	.0022475	12.41733	.2103874
Stddev	.0010629	.001572	.0010301	.0037749	.0003914	.05628	.0022328
%RSD	15.06020	100.8200	16.40928	59.96831	17.41469	.4532595	1.061266
#1	.0072350	.000236	.0062431	.0081796	.0025452	12.40516	.2091268
#2	.0059175	-.002689	.0052652	.0087560	.0018042	12.47870	.2129654
#3	.0080211	-.002224	.0073245	.0019487	.0023930	12.36813	.2090701

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001631	.0014024	42.57394	.0100480	.0093094	.0115370	26.12740
Stddev	.0000954	.0000437	.18871	.0001909	.0005125	.0010687	.10558
%RSD	58.46492	3.113204	.4432531	1.900004	5.505284	9.263434	.4041031
#1	.0002667	.0013912	42.61316	.0102405	.0098427	.0122077	26.19697
#2	.0000789	.0014506	42.73995	.0098587	.0088205	.0120988	26.17932
#3	.0001438	.0013655	42.36870	.0100448	.0092650	.0103046	26.00592

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8795453	9.281522	.0333137	.0008033	.1860979	.0191112	.1426803
Stddev	.0030651	.053592	.0008220	.0003992	.4182099	.0008400	.0027464
%RSD	.3484889	.5774011	2.467448	49.69626	224.7257	4.395265	1.924855
#1	.8786840	9.337378	.0342177	.0010869	.4407935	.0191674	.1403250
#2	.8829489	9.276661	.0326112	.0009761	.4140629	.0182445	.1456970
#3	.8770030	9.230526	.0331121	.0003468	-.296563	.0199217	.1420188

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.537769	1.175137	.0968913	.0044735	.9668995	3.367180	.0009854
Stddev	.063316	.001397	.0009084	.0001070	.0059224	.012305	.0001582
%RSD	4.117418	.1189007	.9375431	2.392376	.6125123	.3654510	16.05322
#1	1.473720	1.173982	.0976305	.0045315	.9649146	3.355518	.0011322
#2	1.539260	1.174738	.0971662	.0043499	.9622246	3.380041	.0008179
#3	1.600326	1.176690	.0958772	.0045389	.9735594	3.365982	.0010062

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: Q1105-03LX5 Acquired: 1/24/2025 20:07:43 Type: Unk
Method: EPA SFAM01.0(v55) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: YE8G6L Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5007874	.0045226	.0609362
Stddev	.0002772	.0010758	.0004627
%RSD	.0553506	23.78797	.7593388
#1	.5010511	.0041430	.0610459
#2	.5008126	.0036880	.0613341
#3	.5004985	.0057368	.0604284

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3433.809	70802.70	11013.59	2444.833	4129.568
Stddev	8.694	258.82	32.64	8.522	9.299
%RSD	.2531984	.3655476	.2963649	.3485564	.2251914
#1	3427.574	70552.72	11026.04	2435.724	4121.093
#2	3443.741	70785.86	11038.17	2446.164	4139.516
#3	3430.112	71069.53	10976.56	2452.610	4128.094

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: Q1105-05 Acquired: 1/24/2025 20:11:47 Type: Unk
Method: EPA SFAM01.0(v55) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: YE8G6S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1042292	.0927172	.0730446	.1840081	.1798247	65.58589
Stddev	.0044030	.0024558	.0005745	.0028618	.0005970	.19564
%RSD	4.224359	2.648697	.7865287	1.555280	.3319722	.2982896
#1	.1022960	.0925138	.0723977	.1809278	.1804970	65.74050
#2	.1011236	.0903695	.0732406	.1865845	.1793566	65.36595
#3	.1092681	.0952684	.0734955	.1845121	.1796205	65.65121

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.844822	.0887428	.0987248	211.0846	.4402168	.9703231
Stddev	.014919	.0003768	.0002928	.2454	.0007428	.0041433
%RSD	.3079377	.4245532	.2965457	.1162526	.1687384	.4270073
#1	4.859310	.0883126	.0984323	211.2204	.4393728	.9661874
#2	4.829506	.0890140	.0987241	210.8013	.4407714	.9703077
#3	4.845649	.0889018	.0990179	211.2320	.4405060	.9744741

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5253056	127.5847	5.211316	45.52869	1.084006	.0738518
Stddev	.0074929	.2368	.012726	.00745	.004364	.0004806
%RSD	1.426389	.1855723	.2441997	.0163625	.4025693	.6507374
#1	.5203232	127.7311	5.211652	45.53426	1.079452	.0735668
#2	.5216710	127.3115	5.198425	45.52023	1.084415	.0735819
#3	.5339226	127.7114	5.223871	45.53157	1.088151	.0744067

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.190001	1.014857	1.620158	7.045010	5.700672	.5226623
Stddev	.162274	.005277	.004302	.037819	.010709	.0014438
%RSD	13.63646	.5199511	.2655171	.5368201	.1878505	.2762391
#1	1.137323	1.015728	1.615218	7.058844	5.688340	.5232565
#2	1.372069	1.009198	1.622179	7.002222	5.707627	.5210162
#3	1.060610	1.019643	1.623078	7.073964	5.706048	.5237141

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: Q1105-05 Acquired: 1/24/2025 20:11:47 Type: Unk
Method: EPA SFAM01.0(v55) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: YE8G6S Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0231876	4.663039	F 16.47214	.0139482	2.403083	.0319578
Stddev	.0002519	.025666	.08235	.0005990	.003637	.0007316
%RSD	1.086459	.5504225	.4999053	4.294770	.1513438	2.289379
#1	.0228979	4.645272	16.37798	.0143814	2.403735	.0327721
#2	.0233101	4.651380	16.50777	.0132646	2.399164	.0313558
#3	.0233549	4.692466	16.53067	.0141985	2.406350	.0317454

Elem	Sr4077
Units	ppm
Avg	.3063566
Stddev	.0011303
%RSD	.3689411
#1	.3073589
#2	.3051315
#3	.3065794

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3411.209	69568.06	11144.07	2376.454	3893.806
Stddev	15.158	1.87	46.77	8.194	12.294
%RSD	.4443501	.0026929	.4197161	.3448127	.3157421
#1	3427.724	69568.92	11196.58	2375.346	3906.793
#2	3407.972	69565.91	11106.85	2368.869	3892.277
#3	3397.931	69569.35	11128.80	2385.145	3882.347

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: Q1105-06 Acquired: 1/24/2025 20:15:38 Type: Unk
Method: EPA SFAM01.0(v55) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: YE8H0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1568290**	**-.019160**	**.0848639**	**.0955969**	**.0489015**	**166.8477**
Stddev	.0006774	.001769	.0029141	.0050960	.0029166	1.8167
%RSD	.4319078	9.233951	3.433803	5.330754	5.964146	1.088853
#1	.1561320	-.017134	.0814997	.0909440	.0489451	164.9612
#2	.1574849	-.019945	.0866030	.0948036	.0459634	166.9966
#3	.1568700	-.020402	.0864891	.1010430	.0517960	168.5855

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.832569**	**.0041316**	**.0113521**	**143.2012**	**.4696995**	**.3394758**
Stddev	.022078	.0000855	.0002737	1.4239	.0027354	.0003213
%RSD	1.204778	2.070462	2.410650	.9943266	.5823625	.0946429
#1	1.811525	.0040679	.0116615	141.7668	.4667905	.3391615
#2	1.830629	.0042289	.0111417	143.2225	.4700886	.3398037
#3	1.855554	.0040981	.0112532	144.6144	.4722195	.3394623

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.6741600**	**444.7569**	**13.72293**	**76.22912**	**.2631840**	**.0130885**
Stddev	.0033227	2.8960	.12716	.63611	.0008030	.0000524
%RSD	.4928611	.6511499	.9265984	.8344704	.3051031	.4001968
#1	.6779761	441.4600	13.59752	75.55601	.2622569	.0131302
#2	.6725963	446.8899	13.71952	76.31104	.2636587	.0130297
#3	.6719078	445.9207	13.85176	76.82029	.2636365	.0131056

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.113988**	**.9337192**	**.7796431**	**12.90505**	**9.201413**	**1.805648**
Stddev	.227788	.0030292	.0039146	.16317	.013972	.015187
%RSD	10.77527	.3244287	.5020991	1.264355	.1518495	.8410837
#1	1.938897	.9372050	.7754078	12.72942	9.186624	1.788113
#2	2.371517	.9322280	.7803931	12.93381	9.203225	1.814611
#3	2.031549	.9317247	.7831284	13.05193	9.214392	1.814219

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: Q1105-06 Acquired: 1/24/2025 20:15:38 Type: Unk
Method: EPA SFAM01.0(v55) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: YE8H0 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0028767	4.181974	7.650640	.0411615	F 10.72427	.0959440
Stddev	.0005712	.007032	.010722	.0004577	.01584	.0018980
%RSD	19.85556	.1681541	.1401472	1.111910	.1477094	1.978260
#1	.0022833	4.177181	7.652750	.0409980	10.73845	.0942534
#2	.0034227	4.178694	7.639020	.0416785	10.72718	.0955815
#3	.0029240	4.190047	7.660151	.0408080	10.70717	.0979971

Elem	Sr4077
Units	ppm
Avg	.4663406
Stddev	.0051396
%RSD	1.102112
#1	.4615589
#2	.4656873
#3	.4717756

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3759.566	78964.73	12666.38	2663.939	3736.941
Stddev	5.855	687.18	51.04	6.642	4.736
%RSD	.1557260	.8702351	.4029673	.2493375	.1267387
#1	3766.290	79731.81	12645.07	2671.506	3738.725
#2	3756.816	78756.97	12629.45	2661.240	3740.526
#3	3755.593	78405.40	12724.63	2659.071	3731.572

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: Q1105-07 Acquired: 1/24/2025 20:19:40 Type: Unk
Method: EPA SFAM01.0(v55) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: YE8H1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1325424**	**-.010194**	**.1028278**	**.0937254**	**.0483830**	**175.7660**
Stddev	.0006054	.005225	.0015957	.0032282	.0004061	.5371
%RSD	.4567850	51.25721	1.551821	3.444298	.8393398	.3055670
#1	.1321422	-.008944	.1040494	.0940203	.0479339	176.3449
#2	.1322461	-.005708	.1010224	.0903599	.0484906	175.2839
#3	.1332389	-.015931	.1034115	.0967960	.0487245	175.6691

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.427346**	**.0044327**	**.0101051**	**40.84762**	**.7763442**	**.2680476**
Stddev	.005591	.0001767	.0002466	.13357	.0016829	.0012673
%RSD	.3917135	3.987151	2.439935	.3270017	.2167663	.4728045
#1	1.433480	.0044969	.0098592	40.98755	.7780188	.2669397
#2	1.426023	.0042329	.0101038	40.83383	.7763607	.2677735
#3	1.422535	.0045684	.0103524	40.72148	.7746532	.2694296

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.7025130**	**453.6374**	**6.642915**	**65.43117**	**.2871680**	**.0117518**
Stddev	.0029826	3.9135	.027430	.26067	.0016337	.0010972
%RSD	.4245656	.8626990	.4129248	.3983895	.5689068	9.335986
#1	.7025141	456.3406	6.674566	65.72894	.2859015	.0126553
#2	.7054951	455.4220	6.626055	65.32034	.2865903	.0120693
#3	.6995299	449.1497	6.628124	65.24422	.2890120	.0105310

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.9405251**	**1.218059**	**.6309652**	**27.64569**	F **10.96178**	**1.846709**
Stddev	.1843238	.003170	.0028770	.13440	.06047	.017671
%RSD	19.59796	.2602315	.4559626	.4861363	.5516428	.9568841
#1	.7942601	1.215894	.6288423	27.77066	10.89620	1.859752
#2	1.147561	1.216587	.6342395	27.50352	10.97380	1.853777
#3	.879754	1.221697	.6298137	27.66287	11.01534	1.826599

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: Q1105-07 Acquired: 1/24/2025 20:19:40 Type: Unk
Method: EPA SFAM01.0(v55) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: YE8H1 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002396	1.523719	5.814134	.0423975	F 10.87863	.0940059
Stddev	.000180	.006465	.008815	.0010508	.00428	.0012006
%RSD	7.526769	.4243110	.1516097	2.478403	.0393577	1.277162
#1	-.002600	1.523122	5.819002	.0415252	10.87564	.0939602
#2	-.002257	1.517573	5.819441	.0435640	10.88354	.0928288
#3	-.002332	1.530463	5.803959	.0421033	10.87672	.0952287

Elem	Sr4077
Units	ppm
Avg	.3415283
Stddev	.0016218
%RSD	.4748635
#1	.3433971
#2	.3406978
#3	.3404899

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3839.481	78604.77	12740.33	2688.044	3893.854
Stddev	10.605	227.64	7.80	13.886	15.164
%RSD	.2762202	.2896015	.0612084	.5165824	.3894256
#1	3844.196	78344.84	12748.28	2702.772	3904.861
#2	3846.911	78768.60	12732.69	2686.168	3900.144
#3	3827.335	78700.87	12740.02	2675.191	3876.558

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: Q1105-08 Acquired: 1/24/2025 20:23:43 Type: Unk
Method: EPA SFAM01.0(v55) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: YE8H2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**5.074899**	**-.005352**	**1.029927**	**.0965957**	**.0433159**	**80.56025**
Stddev	.031296	.001866	.005315	.0019020	.0028005	1.06334
%RSD	.6166911	34.85868	.5160478	1.969027	6.465325	1.319925
#1	5.042491	-.003401	1.027130	.0985494	.0448371	81.77589
#2	5.077255	-.005538	1.026595	.0964876	.0450267	80.10190
#3	5.104950	-.007118	1.036057	.0947500	.0400840	79.80296

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.7475497**	**.0010536**	**.0086130**	**44.16920**	**.2898254**	**.1658785**
Stddev	.0111320	.0000438	.0002730	.49831	.0039128	.0011376
%RSD	1.489132	4.159084	3.169525	1.128186	1.350045	.6858055
#1	.7601710	.0010863	.0083047	44.74240	.2939643	.1647082
#2	.7433486	.0010708	.0087105	43.92610	.2893250	.1659471
#3	.7391296	.0010039	.0088239	43.83909	.2861868	.1669803

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.7809077**	**381.2338**	**6.778393**	**35.81001**	**.2163965**	**.0165408**
Stddev	.0032047	4.1839	.078750	.34841	.0009922	.0005484
%RSD	.4103846	1.097471	1.161773	.9729430	.4584865	3.315586
#1	.7845882	386.0543	6.868730	36.21087	.2158341	.0163138
#2	.7794001	379.1010	6.742217	35.58006	.2158134	.0161424
#3	.7787347	378.5460	6.724232	35.63910	.2175421	.0171663

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.9962004**	**.5535392**	**1.704586**	**9.960064**	**6.918592**	**1.574466**
Stddev	.1945793	.0013951	.034278	.123937	.027567	.018761
%RSD	19.53215	.2520417	2.010928	1.244344	.3984448	1.191595
#1	.7811789	.5523010	1.743994	10.09958	6.899022	1.596046
#2	1.160151	.5532657	1.688083	9.91793	6.906636	1.565324
#3	1.047272	.5550508	1.681681	9.86268	6.950119	1.562029

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: Q1105-08 Acquired: 1/24/2025 20:23:43 Type: Unk
Method: EPA SFAM01.0(v55) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: YE8H2 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0364869	F 53.22209	6.409837	.0263031	5.044926	.0462273
Stddev	.0002651	.38936	.031551	.0009367	.008801	.0015979
%RSD	.7264948	.7315819	.4922261	3.561119	.1744517	3.456627
#1	.0362036	52.90749	6.444546	.0267803	5.051416	.0477573
#2	.0365284	53.10123	6.402069	.0269051	5.034909	.0463553
#3	.0367288	53.65755	6.382895	.0252239	5.048454	.0445692

Elem	Sr4077
Units	ppm
Avg	.5736377
Stddev	.0079663
%RSD	1.388731
#1	.5826377
#2	.5707847
#3	.5674908

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3550.325	72737.06	11834.40	2492.462	4006.220
Stddev	18.694	654.47	24.88	34.246	22.235
%RSD	.5265490	.8997789	.2102469	1.373972	.5550206
#1	3570.657	71993.81	11856.94	2453.046	4025.965
#2	3546.436	72990.29	11838.57	2509.425	4010.561
#3	3533.880	73227.08	11807.70	2514.916	3982.135

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: Q1105-09 Acquired: 1/24/2025 20:27:39 Type: Unk
Method: EPA SFAM01.0(v55) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: YE8H3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.229310**	**-.005779**	**.4823824**	**.1170063**	**.0568625**	**153.0868**
Stddev	.022925	.002526	.0112178	.0197091	.0059170	15.0303
%RSD	1.864878	43.70955	2.325494	16.84450	10.40572	9.818132
#1	1.202879	-.003339	.4694391	.1043471	.0526909	144.1285
#2	1.243799	-.008383	.4884162	.1069573	.0542624	144.6928
#3	1.241252	-.005615	.4892919	.1397145	.0636343	170.4392

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.7625265**	**.0026155**	**.0133535**	**50.31286**	**.6860920**	**.3860925**
Stddev	.0776478	.0007117	.0013104	5.10476	.0809771	.0086947
%RSD	10.18296	27.21275	9.813375	10.14604	11.80266	2.251971
#1	.7156100	.0028203	.0139032	47.27323	.6381917	.3760536
#2	.7198159	.0032024	.0142995	47.45900	.6404975	.3912259
#3	.8521535	.0018238	.0118577	56.20636	.7795868	.3909980

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.734681**	**495.3617**	**3.248078**	**92.49026**	**.7446698**	**.0149281**
Stddev	.009061	50.4251	.329984	9.61457	.0158562	.0007181
%RSD	.5223553	10.17945	10.15937	10.39523	2.129292	4.810726
#1	1.724862	466.0670	3.045869	86.70658	.7263666	.0155565
#2	1.736464	466.4308	3.069499	87.17529	.7542279	.0150826
#3	1.742719	553.5872	3.628867	103.5889	.7534147	.0141453

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.464616**	**.7749233**	**4.950184**	**11.29172**	**7.683211**	**2.044515**
Stddev	.106960	.0051998	.518519	1.37656	.165903	.234722
%RSD	7.302920	.6710098	10.47474	12.19086	2.159288	11.48056
#1	1.342957	.7747713	4.639169	10.44303	7.491652	1.908626
#2	1.507014	.7801974	4.662620	10.55214	7.777389	1.909372
#3	1.543877	.7698011	5.548765	12.87998	7.780592	2.315548

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: Q1105-09 Acquired: 1/24/2025 20:27:39 Type: Unk
Method: EPA SFAM01.0(v55) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: YE8H3 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0164574	F 25.08891	3.321201	.0457469	F 11.60046	.1172363
Stddev	.0002012	.50269	.021146	.0011586	.05255	.0131296
%RSD	1.222301	2.003650	.6367107	2.532677	.4530088	11.19925
#1	.0163117	24.50886	3.301579	.0470555	11.54047	.1093203
#2	.0166869	25.39785	3.318427	.0453339	11.63838	.1099966
#3	.0163736	25.36002	3.343598	.0448514	11.62253	.1323920

Elem	Sr4077
Units	ppm
Avg	.4390422
Stddev	.0433911
%RSD	9.883116
#1	.4130883
#2	.4149033
#3	.4891349

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3697.744	72845.06	12535.35	2488.815	3847.375
Stddev	51.251	7179.63	89.39	245.284	67.110
%RSD	1.386011	9.856021	.7131117	9.855458	1.744302
#1	3756.779	77076.68	12622.26	2629.647	3924.859
#2	3671.798	76903.16	12540.14	2631.212	3809.573
#3	3664.654	64555.35	12443.67	2205.587	3807.692

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: Q1105-10 Acquired: 1/24/2025 20:31:39 Type: Unk
Method: EPA SFAM01.0(v55) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: YE8H4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0108642	-.005563	.0174104	.0439485	.0181432	76.30908	.9645424
Stddev	.0010149	.003085	.0005380	.0030527	.0009400	.46941	.0060479
%RSD	9.341547	55.45327	3.089954	6.946132	5.181178	.6151424	.6270255
#1	.0120161	-.008933	.0169796	.0428508	.0192232	76.41237	.9644481
#2	.0104749	-.002878	.0180134	.0415964	.0175090	76.71825	.9706369
#3	.0101016	-.004878	.0172382	.0473983	.0176974	75.79663	.9585422

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0012761	.0035382	40.67478	.0728079	.0997425	.1730171	199.1424
Stddev	.0000995	.0000760	.23799	.0003544	.0005946	.0023288	.9898
%RSD	7.798033	2.147696	.5851074	.4868185	.5961748	1.345981	.4970299
#1	.0011699	.0035570	40.72125	.0728242	.0997146	.1731204	199.1844
#2	.0012911	.0034545	40.88610	.0731540	.1003505	.1752925	200.1106
#3	.0013672	.0036030	40.41698	.0724457	.0991622	.1706384	198.1323

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.138135	63.36977	.0690071	.0065890	1.693137	.2602575	.5177515
Stddev	.039697	.33524	.0007806	.0003771	.194143	.0012945	.0027402
%RSD	.5561257	.5290173	1.131177	5.722621	11.46646	.4974091	.5292557
#1	7.141894	63.41534	.0695056	.0065617	1.742646	.2593229	.5153116
#2	7.175819	63.67990	.0681075	.0069790	1.857731	.2597145	.5207161
#3	7.096692	63.01408	.0694082	.0062264	1.479033	.2617351	.5172267

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.768531	3.819776	.8007909	-.000143	.3049421	3.670041	.0129059
Stddev	.013795	.008468	.0058218	.000257	.0020868	.020947	.0007346
%RSD	.3660469	.2216839	.7270014	180.4563	.6843294	.5707565	5.691542
#1	3.752673	3.819173	.8007261	.000074	.3067613	3.670897	.0122065
#2	3.777760	3.828529	.8066447	-.000074	.3054008	3.648679	.0136712
#3	3.775160	3.811626	.7950017	-.000427	.3026640	3.690547	.0128401

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: Q1105-10 Acquired: 1/24/2025 20:31:39 Type: Unk
Method: EPA SFAM01.0(v55) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: YE8H4 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	**2.682594**	**.0304878**	**.1290072**
Stddev	.006756	.0006476	.0008136
%RSD	.2518643	2.123986	.6306565
#1	2.677818	.0297940	.1292987
#2	2.679639	.0305934	.1296349
#3	2.690324	.0310761	.1280880

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**3752.300**	**77492.21**	**12183.81**	**2638.860**	**4000.570**
Stddev	9.925	258.10	58.73	15.775	11.374
%RSD	.2645021	.3330633	.4820668	.5977784	.2843155
#1	3758.981	77302.51	12183.21	2636.515	4003.554
#2	3740.896	77387.99	12242.84	2624.390	3988.002
#3	3757.023	77786.12	12125.37	2655.676	4010.156

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: Q1105-11 Acquired: 1/24/2025 20:35:37 Type: Unk
Method: EPA SFAM01.0(v55) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: YE8H5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.043466**	**-.009099**	**.0846742**	**.1229728**	**.0609187**	**127.6686**	**1.396867**
Stddev	.006408	.002327	.0008971	.0040793	.0005490	1.0913	.007763
%RSD	.6140755	25.57243	1.059502	3.317205	.9012732	.8547706	.5557661
#1	1.037742	-.006481	.0840537	.1185254	.0603763	126.5744	1.390750
#2	1.050388	-.009883	.0857028	.1265403	.0614742	128.7569	1.405601
#3	1.042267	-.010932	.0842662	.1238526	.0609058	127.6745	1.394252

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0025462**	**.0110500**	**32.82104**	**.3998565**	**.2488683**	**.6511589**	**549.7880**
Stddev	.0002242	.0001087	.27194	.0028623	.0006542	.0025145	5.0554
%RSD	8.806952	.9840174	.8285463	.7158181	.2628487	.3861495	.9195182
#1	.0026207	.0111394	32.57861	.3970606	.2482308	.6534794	544.7050
#2	.0022941	.0110816	33.11509	.4027808	.2488361	.6515098	554.8153
#3	.0027237	.0109289	32.76942	.3997282	.2495379	.6484874	549.8438

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**3.998006**	**65.83045**	**.2690989**	**.0154355**	**1.100679**	**.9639659**	**.8665583**
Stddev	.030896	.63571	.0004676	.0010304	.278991	.0039950	.0116134
%RSD	.7727918	.9656772	.1737528	6.675323	25.34712	.4144316	1.340179
#1	3.971854	65.19906	.2686059	.0145578	1.359666	.9594019	.8558149
#2	4.032097	66.47039	.2691548	.0165700	1.137108	.9668290	.8788803
#3	3.990067	65.82191	.2695360	.0151786	.805264	.9656666	.8649797

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**11.36403**	**6.733750**	**2.242647**	**.0007859**	**2.139464**	**2.866405**	**.0261177**
Stddev	.09911	.009196	.020736	.0004156	.005077	.002972	.0015199
%RSD	.8721021	.1365651	.9246036	52.88468	.2372962	.1037012	5.819531
#1	11.25099	6.743747	2.222621	.0004170	2.135228	2.869747	.0276744
#2	11.43602	6.731852	2.264026	.0007045	2.145091	2.865411	.0260415
#3	11.40507	6.725652	2.241295	.0012361	2.138073	2.864057	.0246374

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: Q1105-11 Acquired: 1/24/2025 20:35:37 Type: Unk
Method: EPA SFAM01.0(v55) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: YE8H5 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	**5.424583**	**.0999132**	**.3895470**
Stddev	.012543	.0005265	.0026535
%RSD	.2312316	.5269856	.6811742
#1	5.415161	.0997766	.3875603
#2	5.438820	.1004945	.3925604
#3	5.419767	.0994684	.3885202

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**3573.351**	**74091.93**	**11891.99**	**2539.430**	**3893.780**
Stddev	1.284	776.79	68.19	30.906	3.703
%RSD	.0359258	1.048408	.5733970	1.217032	.0951124
#1	3571.873	74928.42	11970.30	2568.905	3893.749
#2	3574.188	73393.30	11845.77	2507.269	3890.093
#3	3573.992	73954.07	11859.90	2542.116	3897.500

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: Q1105-12 Acquired: 1/24/2025 20:39:41 Type: Unk
Method: EPA SFAM01.0(v55) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: YE8H6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1069892	-.009196	.0513186	.0988876	.0479074	138.6581
Stddev	.0025608	.000739	.0009314	.0052174	.0018211	.7619
%RSD	2.393530	8.031033	1.814988	5.276066	3.801198	.5494515
#1	.1040714	-.008457	.0521791	.1016360	.0467101	138.2157
#2	.1088635	-.009935	.0514470	.0928706	.0500031	139.5378
#3	.1080327	-.009197	.0503296	.1021562	.0470091	138.2208

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.455346	.0031209	.0096298	83.54710	.0402395	.2282003
Stddev	.012688	.0000507	.0002207	.37945	.0004612	.0006516
%RSD	.5167384	1.623504	2.291831	.4541695	1.146216	.2855459
#1	2.447783	.0031795	.0095132	83.51277	.0404402	.2288071
#2	2.469994	.0030918	.0098844	83.94254	.0405663	.2282821
#3	2.448261	.0030916	.0094919	83.18598	.0397119	.2275116

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.046778	470.1898	14.27960	80.03707	.0897049	.0136070
Stddev	.003692	1.5353	.05686	.39407	.0008738	.0002925
%RSD	.3527206	.3265176	.3982016	.4923536	.9740332	2.149329
#1	1.048374	471.9592	14.27924	79.91741	.0901549	.0139440
#2	1.042557	469.3993	14.33663	80.47710	.0902619	.0134576
#3	1.049404	469.2109	14.22291	79.71671	.0886978	.0134195

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.932017	.4240293	.9411095	12.04781	F 18.97376	1.916504
Stddev	.203537	.0027353	.0045935	.08155	.01156	.007059
%RSD	5.176398	.6450659	.4880977	.6768844	.0609468	.3683210
#1	4.093670	.4259875	.9380108	12.00752	18.98161	1.924275
#2	3.998936	.4209041	.9463870	12.14166	18.96048	1.914746
#3	3.703446	.4251963	.9389307	11.99424	18.97917	1.910490

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: Q1105-12 Acquired: 1/24/2025 20:39:41 Type: Unk
Method: EPA SFAM01.0(v55) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: YE8H6 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000901**	**4.486233**	**3.957260**	**.0332719**	**9.635728**	**.1064997**
Stddev	.000287	.013532	.023508	.0012572	.028655	.0022146
%RSD	31.85755	.3016264	.5940482	3.778710	.2973846	2.079475
#1	-.000904	4.489962	3.974080	.0331999	9.652368	.1047579
#2	-.001187	4.471228	3.930399	.0320522	9.602640	.1089921
#3	-.000613	4.497509	3.967301	.0345636	9.652177	.1057492

Elem	Sr4077
Units	ppm
Avg	**.4702313**
Stddev	.0023637
%RSD	.5026732
#1	.4687078
#2	.4729543
#3	.4690317

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**3634.642**	**74172.31**	**11944.40**	**2523.838**	**3902.068**
Stddev	6.775	268.98	70.33	11.868	1.839
%RSD	.1863878	.3626400	.5887866	.4702246	.0471258
#1	3641.656	74053.48	11876.30	2528.470	3904.191
#2	3634.135	73983.21	12016.76	2510.352	3901.032
#3	3628.135	74480.24	11940.14	2532.690	3900.981

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: Q1105-13 Acquired: 1/24/2025 20:43:44 Type: Unk
Method: EPA SFAM01.0(v55) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: YE8E9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6367586	-.003170	.3101046	.0400712	.0224852	11.20154	.2817580
Stddev	.0035494	.000700	.0004332	.0024019	.0018804	.01984	.0013832
%RSD	.5574198	22.06741	.1396813	5.994014	8.362694	.1771507	.4909074
#1	.6338362	-.003814	.3100915	.0375206	.0203139	11.21385	.2803214
#2	.6357312	-.002426	.3105442	.0404031	.0235738	11.21211	.2818717
#3	.6407084	-.003270	.3096782	.0422898	.0235678	11.17864	.2830807

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001485	.0054075	102.5569	.0187505	.0661313	.3670738	157.5104
Stddev	.0000366	.0000822	.2112	.0002531	.0001521	.0030172	.1908
%RSD	24.62124	1.519435	.2059676	1.349790	.2299363	.8219537	.1211032
#1	.0001754	.0055004	102.3131	.0190427	.0662984	.3705529	157.4740
#2	.0001069	.0053445	102.6844	.0186009	.0660944	.3651746	157.7168
#3	.0001631	.0053775	102.6733	.0186079	.0660011	.3654941	157.3405

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.549564	27.01413	.2247842	.0102059	-.300155	.0178758	.5174085
Stddev	.010405	.03841	.0001279	.0003140	.515213	.0024469	.0059002
%RSD	.4081067	.1422031	.0569179	3.076823	171.6488	13.68811	1.140339
#1	2.537742	27.00036	.2246382	.0099726	-.693845	.0182040	.5115213
#2	2.557334	27.05753	.2248374	.0105629	.282955	.0201421	.5173825
#3	2.553615	26.98450	.2248769	.0100822	-.489575	.0152815	.5233216

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.648511	5.113272	.6429786	.0133056	9.292415	2.009844	.0020989
Stddev	.022815	.025089	.0014686	.0000266	.037312	.004197	.0004386
%RSD	.8614142	.4906639	.2283994	.1999711	.4015280	.2088006	20.89662
#1	2.662986	5.089485	.6423854	.0133318	9.260064	2.007058	.0020744
#2	2.622211	5.110843	.6446509	.0133064	9.283948	2.007804	.0025492
#3	2.660336	5.139486	.6418994	.0132786	9.333232	2.014671	.0016730

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: Q1105-13 Acquired: 1/24/2025 20:43:44 Type: Unk
Method: EPA SFAM01.0(v55) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: YE8E9 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0348638	.0117266	.8165897
Stddev	.0006588	.0015702	.0014827
%RSD	1.889684	13.38984	.1815777
#1	.0349062	.0132905	.8148792
#2	.0355003	.0101502	.8175092
#3	.0341848	.0117390	.8173806

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3385.004	71260.25	11167.51	2439.550	3939.926
Stddev	4.427	114.82	15.56	9.521	.681
%RSD	.1307925	.1611282	.1392997	.3902841	.0172915
#1	3386.248	71350.54	11177.03	2443.815	3939.558
#2	3388.675	71131.03	11149.56	2428.642	3940.713
#3	3380.087	71299.20	11175.94	2446.193	3939.509

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: CCV018 Acquired: 1/24/2025 20:47:41 Type: Unk
Method: EPA SFAM01.0(v55) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV018 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**4.707409**	**4.659181**	**23.39443**	**4.773983**	**4.833517**	**393.9862**
Stddev	.018664	.011576	.07265	.014123	.020550	3.3364
%RSD	.3964807	.2484620	.3105310	.2958322	.4251665	.8468415
#1	4.689048	4.672548	23.32467	4.762117	4.818573	393.2975
#2	4.706817	4.652541	23.38896	4.770227	4.825025	391.0478
#3	4.726362	4.652454	23.46965	4.789604	4.856952	397.6132

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**9.809870**	**.4635220**	**2.336605**	**383.1110**	**14.66003**	**2.381766**
Stddev	.012985	.0045036	.006971	2.7754	.03265	.005744
%RSD	.1323693	.9716102	.2983396	.7244479	.2227149	.2411729
#1	9.815266	.4675811	2.330840	382.5216	14.66734	2.377503
#2	9.819287	.4643076	2.334623	380.6775	14.62435	2.379498
#3	9.795057	.4586772	2.344352	386.1337	14.68841	2.388298

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**14.12298**	**392.5674**	**14.44875**	**380.8906**	**2.373623**	**1.232923**
Stddev	.03553	1.3200	.07205	.9816	.007970	.002226
%RSD	.2515583	.3362581	.4986900	.2577170	.3357592	.1805083
#1	14.14466	391.4609	14.40008	380.3753	2.365501	1.233939
#2	14.14231	392.2127	14.41465	380.2740	2.373939	1.230371
#3	14.08198	394.0285	14.53153	382.0226	2.381431	1.234459

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**364.7059**	**2.333372**	**14.83621**	**148.0824**	**4.775750**	F **5.630876**
Stddev	.0947	.008224	.14213	.8765	.019973	.028911
%RSD	.0259750	.3524508	.9579742	.5918759	.4182237	.5134388
#1	364.5982	2.336727	14.73548	147.3532	4.762011	5.658286
#2	364.7760	2.339389	14.77437	147.8393	4.766578	5.633673
#3	364.7436	2.324001	14.99878	149.0548	4.798662	5.600667

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: CCV018 Acquired: 1/24/2025 20:47:41 Type: Unk
Method: EPA SFAM01.0(v55) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV018 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**4.697594**	**4.815164**	**4.690515**	**4.730829**	**4.720757**	**4.803810**
Stddev	.019786	.011640	.030163	.015256	.026294	.038168
%RSD	.4212009	.2417418	.6430664	.3224881	.5569926	.7945293
#1	4.689127	4.803557	4.711478	4.720154	4.744093	4.772423
#2	4.683451	4.815098	4.704121	4.724029	4.725909	4.792710
#3	4.720205	4.826837	4.655945	4.748303	4.692267	4.846297

Elem	Sr4077
Units	ppm
Avg	**4.901571**
Stddev	.056888
%RSD	1.160616
#1	4.927528
#2	4.836334
#3	4.940852

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**2785.335**	**61181.97**	**10181.50**	**2059.472**	**3267.533**
Stddev	7.409	131.91	86.27	12.954	5.887
%RSD	.2660127	.2156031	.8472913	.6290193	.1801635
#1	2791.669	61229.60	10103.73	2066.711	3274.166
#2	2787.149	61283.44	10166.48	2067.188	3265.507
#3	2777.187	61032.86	10274.29	2044.516	3262.927

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: CCB018 Acquired: 1/24/2025 20:56:16 Type: Unk
Method: EPA SFAM01.0(v55) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB018 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0013200**	**-.001265**	**-.000351**	**.0006555**	**.0006190**	**.0036341**	**-.007030**
Stddev	.0014303	.001085	.001550	.0010237	.0013952	.0036815	.000687
%RSD	108.3603	85.77683	441.7535	156.1685	225.3938	101.3042	9.772250
#1	.0025165	-.002107	.001181	.0017683	-.000136	.0066592	-.006237
#2	.0017076	-.001647	-.000316	.0004443	-.000236	.0047079	-.007441
#3	-.000264	-.000041	-.001918	-.000246	.002229	-.000465	-.007412

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000004**	**.0000817**	**.0030295**	**.0004518**	**-.000041**	**-.000993**	**.0116385**
Stddev	.000078	.0000807	.0020712	.0001532	.000050	.001465	.0082353
%RSD	2091.033	98.80318	68.36802	33.89768	120.2806	147.5807	70.75929
#1	-.000060	.0001745	.0049719	.0002754	-.000028	-.001986	.0162034
#2	-.000036	.0000292	.0008499	.0005290	-.000096	-.001683	.0021317
#3	.000085	.0000413	.0032667	.0005510	.000000	.000690	.0165804

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000267**	**-.011573**	**.0001638**	**.0005192**	**-.027730**	**-.000240**	**-.001033**
Stddev	.000185	.006797	.0004019	.0002798	.218708	.000906	.001575
%RSD	69.41303	58.73325	245.3646	53.89423	788.6976	377.4843	152.3733
#1	-.000411	-.011507	-.000272	.0001961	-.267771	.000195	-.001527
#2	-.000058	-.004809	.000243	.0006767	.160250	-.001281	.000729
#3	-.000331	-.018403	.000520	.0006847	.024330	.000366	-.002302

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.3869876**	**.0035010**	**-.006407**	**-.000091**	**.0110608**	**.0018694**	**-.000083**
Stddev	.0807006	.0005460	.000281	.000198	.0015584	.0022004	.000737
%RSD	20.85355	15.59515	4.389918	217.3606	14.08965	117.7090	886.9580
#1	.2948459	.0036313	-.006255	-.000318	.0093931	.0033553	-.000901
#2	.4451012	.0039701	-.006732	.000004	.0113093	-.000659	.000119
#3	.4210158	.0029017	-.006235	.000042	.0124801	.002911	.000532

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: CCB018 Acquired: 1/24/2025 20:56:16 Type: Unk
Method: EPA SFAM01.0(v55) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB018 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000824	-.000661	.0000650
Stddev	.000212	.000867	.0000570
%RSD	25.73632	131.1851	87.63234
#1	-.000808	-.000629	.0000599
#2	-.001043	.000190	.0001244
#3	-.000620	-.001543	.0000108

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3484.194	71668.21	10902.10	2500.200	4292.563
Stddev	8.803	164.98	35.44	14.798	15.469
%RSD	.2526555	.2302067	.3250481	.5918776	.3603770
#1	3480.586	71748.07	10912.63	2504.050	4285.636
#2	3494.227	71778.06	10931.09	2512.693	4310.286
#3	3477.767	71478.49	10862.59	2483.858	4281.769

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: Q1105-14 Acquired: 1/24/2025 21:00:25 Type: Unk
Method: EPA SFAM01.0(v55) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: YE8F0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7667708	-.005620	.4189789	.0443617	.0233617	13.59939
Stddev	.0018390	.001388	.0027186	.0003638	.0004128	.02715
%RSD	.2398419	24.70514	.6488543	.8202002	1.767136	.1996162
#1	.7651355	-.006183	.4219073	.0447812	.0237961	13.58954
#2	.7687617	-.006638	.4165356	.0441324	.0229745	13.63008
#3	.7664152	-.004038	.4184937	.0441714	.0233144	13.57853

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3795033	.0001748	.0054269	118.4206	.0220519	.0802540
Stddev	.0016286	.0000545	.0000329	.0866	.0002098	.0000682
%RSD	.4291462	31.16330	.6060112	.0731641	.9511539	.0850224
#1	.3797388	.0001865	.0054639	118.5100	.0222312	.0802551
#2	.3810013	.0001155	.0054010	118.4148	.0218212	.0801853
#3	.3777697	.0002225	.0054159	118.3370	.0221032	.0803217

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3762049	176.2182	3.148712	34.05222	.2226133	.0120563
Stddev	.0061467	.1240	.011900	.03804	.0000912	.0000801
%RSD	1.633872	.0703669	.3779411	.1117190	.0409844	.6641991
#1	.3740146	176.3193	3.158092	34.04001	.2226285	.0120721
#2	.3831468	176.2553	3.152718	34.02178	.2226960	.0121274
#3	.3714534	176.0798	3.135325	34.09487	.2225154	.0119696

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.103692	.0209599	.5374871	3.273878	5.879008	.7242010
Stddev	.281752	.0007176	.0043925	.037280	.007062	.0004848
%RSD	271.7193	3.423890	.8172230	1.138723	.1201234	.0669382
#1	-.413390	.0210808	.5424790	3.243143	5.887112	.7243398
#2	-.035154	.0216094	.5357686	3.315348	5.874172	.7236620
#3	.137467	.0201895	.5342137	3.263142	5.875740	.7246012

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: Q1105-14 Acquired: 1/24/2025 21:00:25 Type: Unk
Method: EPA SFAM01.0(v55) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: YE8F0 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0161383	F 16.02253	1.980597	.0025053	.0263103	.0145571
Stddev	.0001035	.00255	.026808	.0011081	.0010829	.0006180
%RSD	.6411730	.0159078	1.353556	44.23212	4.115696	4.245163
#1	.0160307	16.02213	1.988291	.0012401	.0250603	.0149598
#2	.0161473	16.02526	2.002718	.0029722	.0269105	.0138456
#3	.0162370	16.02021	1.950783	.0033035	.0269601	.0148660

Elem	Sr4077
Units	ppm
Avg	.9837462
Stddev	.0058420
%RSD	.5938512
#1	.9889910
#2	.9774499
#3	.9847976

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3503.407	71194.92	11241.95	2441.612	4059.012
Stddev	9.721	189.40	36.24	9.226	10.813
%RSD	.2774671	.2660236	.3223491	.3778665	.2664027
#1	3509.901	71181.81	11203.50	2435.831	4063.569
#2	3508.088	71390.53	11246.86	2452.251	4066.801
#3	3492.231	71012.42	11275.48	2436.751	4046.666

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: Q1105-15 Acquired: 1/24/2025 21:04:26 Type: Unk
Method: EPA SFAM01.0(v55) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: YE8F1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3997244	-.003039	.1766219	.0375309	.0188691	15.43476	.3067593
Stddev	.0006881	.001008	.0010995	.0021209	.0008071	.07509	.0020861
%RSD	.1721384	33.16420	.6225418	5.651109	4.277347	.4864684	.6800511
#1	.4004239	-.003883	.1758799	.0363323	.0179819	15.35558	.3046907
#2	.3990483	-.003310	.1761007	.0399797	.0195598	15.50494	.3088625
#3	.3997010	-.001923	.1778851	.0362806	.0190657	15.44377	.3067248

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000133	.0039577	42.56710	.0277620	.0430041	.2362232	174.8797
Stddev	.000031	.0000160	.13250	.0000561	.0003345	.0008921	.6626
%RSD	23.32100	.4033627	.3112683	.2021875	.7778438	.3776457	.3789061
#1	-.000157	.0039400	42.45604	.0278253	.0427818	.2357158	174.1332
#2	-.000144	.0039711	42.71376	.0277425	.0428417	.2357006	175.3986
#3	-.000098	.0039620	42.53150	.0277182	.0433888	.2372533	175.1071

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.635213	12.99072	.1181840	.0111410	-.066535	.0911819	.3473266
Stddev	.009151	.01002	.0007473	.0001784	.207951	.0009219	.0054519
%RSD	.2517347	.0771016	.6322985	1.601498	312.5417	1.011039	1.569684
#1	3.625377	13.00032	.1186338	.0109948	-.041114	.0913279	.3533474
#2	3.643476	12.98033	.1173213	.0113398	.127536	.0901957	.3427236
#3	3.636785	12.99151	.1185967	.0110884	-.286028	.0920221	.3459087

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.240611	3.383741	.7070549	.0044402	5.096026	2.866912	.0038575
Stddev	.064976	.002761	.0040184	.0002938	.011142	.006499	.0006010
%RSD	2.005050	.0815821	.5683318	6.616215	.2186311	.2266941	15.57876
#1	3.179764	3.384425	.7025066	.0041055	5.085670	2.866728	.0044381
#2	3.309049	3.380703	.7101243	.0046552	5.107814	2.873501	.0038964
#3	3.233021	3.386096	.7085337	.0045601	5.094594	2.860506	.0032381

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: Q1105-15 Acquired: 1/24/2025 21:04:26 Type: Unk
Method: EPA SFAM01.0(v55) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: YE8F1 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2958715	.0093071	.3145587
Stddev	.0008650	.0017639	.0013847
%RSD	.2923623	18.95261	.4402177
#1	.2954739	.0113286	.3132554
#2	.2952768	.0085119	.3160126
#3	.2968639	.0080807	.3144081

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3510.410	73015.27	11489.92	2514.922	4077.684
Stddev	4.641	170.91	12.74	2.819	1.734
%RSD	.1322102	.2340697	.1108766	.1120783	.0425242
#1	3513.430	73207.22	11490.93	2517.156	4078.601
#2	3512.733	72879.59	11502.12	2515.856	4078.766
#3	3505.066	72959.01	11476.71	2511.755	4075.684

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: Q1105-16 Acquired: 1/24/2025 21:08:24 Type: Unk
Method: EPA SFAM01.0(v55) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: YE8F2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.6536536**	**-.001525**	**.5353328**	**.0437218**	**.0255810**	**12.83139**	**.2764336**
Stddev	.0028721	.001790	.0018316	.0007472	.0009063	.12866	.0033584
%RSD	.4393933	117.3784	.3421436	1.708944	3.542924	1.002702	1.214905
#1	.6539793	.000164	.5334387	.0430880	.0266171	12.89865	.2781677
#2	.6506326	-.001337	.5370948	.0445456	.0251901	12.91249	.2785706
#3	.6563491	-.003402	.5354648	.0435317	.0249357	12.68304	.2725627

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0001333**	**.0058912**	**16.73908**	**.0231157**	**.0681324**	**.3980481**	**174.5526**
Stddev	.0001290	.0001273	.14116	.0003272	.0001606	.0026882	1.4544
%RSD	96.75771	2.160136	.8432924	1.415327	.2356878	.6753428	.8332169
#1	.0001410	.0058114	16.81913	.0231311	.0683044	.3951739	175.3022
#2	.0000007	.0058244	16.82202	.0234349	.0681062	.4005003	175.4794
#3	.0002583	.0060380	16.57609	.0227811	.0679865	.3984702	172.8764

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.276814**	**7.146304**	**.2223003**	**.0121301**	**.2654767**	**.0260675**	**1.097073**
Stddev	.020730	.030532	.0009471	.0003867	.1845429	.0015847	.011075
%RSD	.9105003	.4272470	.4260607	3.188186	69.51378	6.079360	1.009546
#1	2.286796	7.176846	.2230919	.0124883	.4784285	.0274864	1.104481
#2	2.290665	7.146285	.2212510	.0121820	.1523124	.0243573	1.102397
#3	2.252981	7.115782	.2225581	.0117201	.1656893	.0263590	1.084341

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**3.344965**	**7.117478**	**.7114173**	**.0128062**	**1.854576**	**2.941955**	**.0056913**
Stddev	.075384	.016421	.0084876	.0003897	.005649	.000995	.0003609
%RSD	2.253646	.2307171	1.193062	3.043249	.3045936	.0338193	6.340296
#1	3.338127	7.117715	.7162083	.0123915	1.860203	2.940889	.0053640
#2	3.423535	7.100940	.7164263	.0128622	1.848905	2.942858	.0056316
#3	3.273233	7.133780	.7016174	.0131649	1.854621	2.942118	.0060783

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: Q1105-16 Acquired: 1/24/2025 21:08:24 Type: Unk
Method: EPA SFAM01.0(v55) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: YE8F2 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1145622	.0077541	.2165752
Stddev	.0011946	.0013101	.0021353
%RSD	1.042757	16.89517	.9859543
#1	.1138589	.0086027	.2173087
#2	.1159415	.0062452	.2182471
#3	.1138861	.0084143	.2141698

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3623.480	73426.01	11395.75	2521.560	4299.533
Stddev	10.548	375.54	69.12	19.802	8.435
%RSD	.2910965	.5114496	.6065648	.7853264	.1961736
#1	3626.381	73270.23	11439.48	2513.247	4300.079
#2	3632.275	73153.44	11431.70	2507.268	4307.680
#3	3611.786	73854.37	11316.06	2544.163	4290.838

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: Q1105-17 Acquired: 1/24/2025 21:12:23 Type: Unk
Method: EPA SFAM01.0(v55) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: YE8F3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8598480	-.005771	.5332609	.0494185	.0286886	18.53793	.4080413
Stddev	.0040496	.002403	.0007311	.0017926	.0010403	.02799	.0017454
%RSD	.4709650	41.63995	.1371032	3.627315	3.626177	.1510089	.4277540
#1	.8563597	-.002997	.5340110	.0482862	.0292577	18.56812	.4074797
#2	.8588953	-.007087	.5325503	.0484840	.0274879	18.51283	.4066459
#3	.8642890	-.007228	.5332213	.0514852	.0293202	18.53284	.4099984

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004429	.0070629	201.7828	.0295593	.0852188	.3798979	204.7852
Stddev	.0000308	.0000420	.6727	.0002684	.0003155	.0017325	.5378
%RSD	6.958955	.5949298	.3333636	.9078854	.3702486	.4560326	.2626406
#1	.0004528	.0070771	201.9847	.0297542	.0848886	.3815947	205.0591
#2	.0004083	.0070157	201.0323	.0296705	.0852505	.3781318	204.1656
#3	.0004675	.0070960	202.3314	.0292532	.0855173	.3799673	205.1310

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.184345	35.69856	.2820231	.0199182	-.088575	.0308577	.7092064
Stddev	.014453	.05454	.0011085	.0005348	.335082	.0004247	.0040370
%RSD	.4538803	.1527657	.3930668	2.684885	378.3035	1.376373	.5692304
#1	3.185157	35.69306	.2807450	.0203746	.199837	.0313183	.7101208
#2	3.169503	35.64698	.2827229	.0193297	-.456150	.0307734	.7127078
#3	3.198375	35.75564	.2826014	.0200502	-.009411	.0304815	.7047906

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.067393	6.741067	.8379734	.0130939	9.461701	2.706891	.0017962
Stddev	.039636	.006950	.0037387	.0002553	.002739	.005758	.0001947
%RSD	.9744707	.1031053	.4461587	1.949393	.0289447	.2127112	10.84134
#1	4.023297	6.734394	.8394490	.0133870	9.462049	2.713147	.0017529
#2	4.078829	6.740540	.8337221	.0129734	9.458805	2.701814	.0020089
#3	4.100053	6.748265	.8407491	.0129211	9.464249	2.705712	.0016267

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: Q1105-17 Acquired: 1/24/2025 21:12:23 Type: Unk
Method: EPA SFAM01.0(v55) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: YE8F3 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0561427	.0199211	1.120120
Stddev	.0023746	.0008548	.016740
%RSD	4.229623	4.290856	1.494468
#1	.0553220	.0205419	1.109094
#2	.0588188	.0202753	1.139382
#3	.0542873	.0189462	1.111883

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3461.732	71095.92	11101.06	2428.529	3944.556
Stddev	8.409	34.52	38.78	7.943	3.701
%RSD	.2429273	.0485543	.3493553	.3270792	.0938355
#1	3467.920	71057.07	11112.64	2429.666	3947.251
#2	3465.119	71107.63	11057.80	2420.079	3940.336
#3	3452.157	71123.07	11132.73	2435.842	3946.081

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: Q1105-18 Acquired: 1/24/2025 21:16:27 Type: Unk
Method: EPA SFAM01.0(v55) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: YE8F4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3406758	-.002393	.2710886	.0306945	.0168130	7.266329
Stddev	.0023879	.002555	.0001700	.0004872	.0007084	.047197
%RSD	.7009160	106.7786	.0627256	1.587117	4.213405	.6495357
#1	.3421301	-.005310	.2711007	.0306069	.0160175	7.285459
#2	.3379199	-.000556	.2712523	.0312195	.0170453	7.300958
#3	.3419774	-.001312	.2709129	.0302571	.0173760	7.212570

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2246463	.0000225	.0054318	24.06214	.0164042	.0322518
Stddev	.0013958	.0000809	.0001028	.14032	.0002288	.0003617
%RSD	.6213455	359.6597	1.892694	.5831404	1.394972	1.121430
#1	.2256028	.0000377	.0054626	24.14728	.0164221	.0320311
#2	.2252916	.0000948	.0053171	24.13895	.0166236	.0326692
#3	.2230446	-.000065	.0055157	23.90019	.0161670	.0320551

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1411975	127.3170	2.484010	5.697731	.0758810	.0051477
Stddev	.0001552	.5577	.020120	.041369	.0003174	.0002004
%RSD	.1099075	.4380562	.8099705	.7260531	.4183170	3.893083
#1	.1410438	127.6683	2.495158	5.727382	.0755927	.0052111
#2	.1413541	127.6087	2.496088	5.715340	.0758290	.0053087
#3	.1411945	126.6739	2.460784	5.650471	.0762212	.0049232

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1202279	.0249103	1.206355	.6121728	F 11.65620	.5040095
Stddev	.1414753	.0004792	.009755	.0317868	.02321	.0035527
%RSD	117.6726	1.923611	.8086755	5.192451	.1991487	.7048842
#1	.1843031	.0252566	1.208539	.5870109	11.68286	.5067974
#2	-.041948	.0251109	1.214832	.6478959	11.64533	.5052218
#3	.218329	.0243634	1.195692	.6016115	11.64042	.5000094

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: Q1105-18 Acquired: 1/24/2025 21:16:27 Type: Unk
Method: EPA SFAM01.0(v55) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: YE8F4 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0049397	2.238694	1.662745	.0076848	.1612161	.0008728
Stddev	.0000746	.007146	.015339	.0005189	.0025622	.0013001
%RSD	1.510863	.3192132	.9225315	6.752651	1.589300	148.9604
#1	.0049481	2.246932	1.668912	.0082406	.1602071	-.000625
#2	.0048612	2.234993	1.674040	.0076007	.1641292	.001704
#3	.0050098	2.234157	1.645282	.0072131	.1593121	.001540

Elem	Sr4077
Units	ppm
Avg	.3670284
Stddev	.0032737
%RSD	.8919504
#1	.3687340
#2	.3690971
#3	.3632541

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3539.600	77152.12	11443.10	2600.191	4147.541
Stddev	2.537	123.29	26.16	5.548	2.596
%RSD	.0716631	.1598041	.2286071	.2133701	.0625952
#1	3541.657	77056.61	11472.13	2594.489	4146.482
#2	3540.378	77291.30	11435.83	2600.512	4150.500
#3	3536.766	77108.45	11421.34	2605.571	4145.642

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: Q1105-19 Acquired: 1/24/2025 21:20:26 Type: Unk
Method: EPA SFAM01.0(v55) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: YE8F6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.8151321**	**-.011441**	**.1625285**	**.0995014**	**.0548645**	**105.2493**
Stddev	.0033907	.001877	.0017771	.0050800	.0025100	.1581
%RSD	.4159718	16.40355	1.093382	5.105428	4.574978	.1502127
#1	.8145058	-.013183	.1614284	.1028341	.0561407	105.0712
#2	.8120983	-.009454	.1615784	.1020154	.0564799	105.3033
#3	.8187924	-.011687	.1645786	.0936546	.0519727	105.3733

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.4500974**	**.0010069**	**.0151002**	**104.9667**	**.3304627**	**.2692584**
Stddev	.0002600	.0001371	.0002258	.1334	.0006415	.0003322
%RSD	.0577564	13.61354	1.495480	.1270975	.1941132	.1233842
#1	.4498551	.0010460	.0150065	104.8174	.3300404	.2691149
#2	.4503720	.0008545	.0149363	105.0742	.3312008	.2690222
#3	.4500650	.0011202	.0153578	105.0086	.3301468	.2696383

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.9021349**	**417.6471**	**6.627906**	**104.0553**	**1.061961**	**.0136039**
Stddev	.0041173	.9568	.012630	.1754	.002224	.0006148
%RSD	.4564005	.2290900	.1905642	.1685406	.2094297	4.519588
#1	.8995217	417.7650	6.613668	103.9229	1.060727	.0135900
#2	.9068811	418.5394	6.637761	104.2542	1.060628	.0142256
#3	.9000018	416.6368	6.632291	103.9887	1.064528	.0129962

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0732248**	**.2657371**	**1.159766**	**6.723338**	F **10.86206**	**1.693541**
Stddev	.2363420	.0012355	.002589	.024770	.05560	.004938
%RSD	322.7619	.4649390	.2232549	.3684140	.5118605	.2915579
#1	-.195638	.2647145	1.156801	6.734159	10.81398	1.695852
#2	.167131	.2671099	1.160919	6.740857	10.84926	1.696900
#3	.248181	.2653869	1.161579	6.694999	10.92295	1.687872

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: Q1105-19 Acquired: 1/24/2025 21:20:26 Type: Unk
Method: EPA SFAM01.0(v55) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: YE8F6 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0252764	9.148635	3.960408	.0105052	2.414374	.1429382
Stddev	.0007440	.034950	.013190	.0004468	.011678	.0009547
%RSD	2.943387	.3820249	.3330414	4.253392	.4836977	.6679294
#1	.0260003	9.130523	3.958217	.0100747	2.415374	.1426204
#2	.0253150	9.126459	3.974556	.0109667	2.425520	.1421829
#3	.0245138	9.188924	3.948451	.0104740	2.402228	.1440113

Elem	Sr4077
Units	ppm
Avg	.8221859
Stddev	.0018450
%RSD	.2243976
#1	.8200586
#2	.8231509
#3	.8233483

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3554.501	73670.38	11762.37	2504.535	3813.740
Stddev	4.447	115.94	55.11	2.632	5.601
%RSD	.1250956	.1573706	.4685649	.1050955	.1468531
#1	3556.217	73649.82	11736.73	2506.422	3815.928
#2	3557.833	73566.10	11724.74	2505.655	3817.917
#3	3549.452	73795.22	11825.63	2501.528	3807.376

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: Q1105-20 Acquired: 1/24/2025 21:24:28 Type: Unk
Method: EPA SFAM01.0(v55) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: YE8G0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0897996**	**-.005155**	**.1159071**	**.0974305**	**.0479915**	**176.5846**
Stddev	.0024532	.000702	.0005532	.0014301	.0008973	1.0747
%RSD	2.731821	13.62692	.4772973	1.467799	1.869798	.6085996
#1	.0891173	-.005532	.1152919	.0985682	.0488032	175.7279
#2	.0925217	-.005588	.1163638	.0958251	.0481434	177.7905
#3	.0877598	-.004344	.1160656	.0978982	.0470279	176.2355

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.045543**	**.0012353**	**.0088430**	**45.03715**	**.2469445**	**.1512704**
Stddev	.009907	.0001327	.0000616	.23129	.0010377	.0002161
%RSD	.9475628	10.73871	.6965014	.5135631	.4202112	.1428674
#1	1.037928	.0013150	.0088884	44.82835	.2471019	.1514354
#2	1.056744	.0010822	.0088678	45.28577	.2458371	.1513500
#3	1.041957	.0013087	.0087729	44.99733	.2478945	.1510257

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.4595392**	**428.3904**	**4.471345**	**102.7741**	**.3190233**	**.0122080**
Stddev	.0027310	2.0373	.026224	.4382	.0005544	.0009774
%RSD	.5942936	.4755740	.5864853	.4263887	.1737862	8.006673
#1	.4564957	427.0985	4.451045	102.3620	.3186929	.0111504
#2	.4603461	430.7389	4.500953	103.2345	.3196634	.0130781
#3	.4617759	427.3337	4.462037	102.7259	.3187137	.0123955

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.6172831**	**.3736569**	**.6926210**	**21.84116**	**5.141666**	**1.752188**
Stddev	.1426264	.0015409	.0042180	.10591	.021953	.012302
%RSD	23.10551	.4123890	.6089957	.4849159	.4269707	.7020819
#1	.7664989	.3722286	.6904581	21.76872	5.119853	1.746143
#2	.6030346	.3752900	.6974818	21.96271	5.163757	1.766343
#3	.4823157	.3734521	.6899231	21.79205	5.141388	1.744078

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: Q1105-20 Acquired: 1/24/2025 21:24:28 Type: Unk
Method: EPA SFAM01.0(v55) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: YE8G0 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0184363	F 23.05470	6.622314	.0522378	F 15.71910	.1897883
Stddev	.0003379	.04578	.020553	.0015263	.01956	.0003619
%RSD	1.832843	.1985631	.3103667	2.921825	.1244584	.1906865
#1	.0187082	23.00830	6.620579	.0534384	15.70673	.1900289
#2	.0180580	23.09983	6.602683	.0505202	15.70891	.1899639
#3	.0185426	23.05597	6.643680	.0527548	15.74166	.1893721

Elem	Sr4077
Units	ppm
Avg	.1101812
Stddev	.0009155
%RSD	.8309405
#1	.1093871
#2	.1111826
#3	.1099738

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3522.470	71550.47	11570.03	2476.657	3847.735
Stddev	3.938	112.59	75.68	10.436	3.883
%RSD	.1118106	.1573548	.6540798	.4213829	.1009208
#1	3518.117	71529.78	11509.53	2477.036	3846.402
#2	3523.505	71449.66	11654.89	2466.036	3844.693
#3	3525.787	71671.97	11545.68	2486.898	3852.108

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: Q1105-21 Acquired: 1/24/2025 21:28:30 Type: Unk
Method: EPA SFAM01.0(v55) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: YE8G1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0899800**	**-.004755**	**.0978425**	**.0817913**	**.0391298**	**157.1104**
Stddev	.0021991	.001485	.0023271	.0027852	.0008193	1.1805
%RSD	2.444031	31.23731	2.378372	3.405197	2.093731	.7513877
#1	.0918163	-.004614	.0978541	.0785870	.0398990	157.2109
#2	.0875429	-.003345	.1001637	.0831558	.0392220	158.2375
#3	.0905807	-.006305	.0955096	.0836311	.0382683	155.8829

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.9618838**	**.0019488**	**.0085094**	**70.62542**	**.2190795**	**.1723042**
Stddev	.0127808	.0001465	.0001006	.60978	.0004065	.0010624
%RSD	1.328729	7.518918	1.181768	.8633970	.1855581	.6165529
#1	.9577246	.0018142	.0085345	70.45294	.2189742	.1715175
#2	.9762262	.0019274	.0083987	71.30286	.2195283	.1718825
#3	.9517006	.0021049	.0085950	70.12046	.2187360	.1735127

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.4062385**	**360.7327**	**5.638840**	**93.23965**	**.5325776**	**.0091713**
Stddev	.0029433	2.4020	.059813	.53940	.0024239	.0011795
%RSD	.7245210	.6658689	1.060734	.5785086	.4551336	12.86042
#1	.4029151	360.9781	5.626215	93.20120	.5307084	.0096731
#2	.4085157	363.0026	5.703958	93.79724	.5317080	.0100169
#3	.4072848	358.2174	5.586347	92.72050	.5353164	.0078239

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.113160**	**.3397754**	**.7234286**	**25.25550**	**5.517041**	**1.473686**
Stddev	.256520	.0012242	.0076769	.18815	.024652	.012535
%RSD	23.04429	.3602849	1.061177	.7449868	.4468398	.8506193
#1	1.018166	.3385358	.7191412	25.33431	5.498060	1.477391
#2	.917686	.3398069	.7322915	25.39142	5.508159	1.483951
#3	1.403627	.3409835	.7188531	25.04075	5.544903	1.459716

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: Q1105-21 Acquired: 1/24/2025 21:28:30 Type: Unk
Method: EPA SFAM01.0(v55) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: YE8G1 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0289038	F 51.14467	6.088797	.0529673	F 16.19497	.1780799
Stddev	.0002447	.18869	.052974	.0009466	.12428	.0010682
%RSD	.8464653	.3689302	.8700261	1.787210	.7674214	.5998561
#1	.0291857	50.93905	6.043421	.0518762	16.10060	.1777993
#2	.0287792	51.18506	6.147010	.0534570	16.33578	.1792605
#3	.0287466	51.30989	6.075959	.0535688	16.14852	.1771800

Elem	Sr4077
Units	ppm
Avg	.1418110
Stddev	.0016764
%RSD	1.182109
#1	.1413848
#2	.1436593
#3	.1403888

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3452.143	72372.19	11500.78	2487.565	3764.107
Stddev	8.467	149.95	74.52	8.092	5.391
%RSD	.2452719	.2071950	.6479722	.3252902	.1432260
#1	3456.302	72540.50	11572.07	2496.708	3768.351
#2	3457.726	72252.83	11506.87	2484.664	3765.929
#3	3442.400	72323.23	11423.40	2481.324	3758.041

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: Q1105-22 Acquired: 1/24/2025 21:32:24 Type: Unk
Method: EPA SFAM01.0(v55) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: YE8G2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1387620**	**-.031064**	**.1494126**	**.1268407**	**.0614686**	**191.1480**
Stddev	.0040265	.003049	.0022793	.0048838	.0013895	.6254
%RSD	2.901754	9.815117	1.525517	3.850312	2.260509	.3271552
#1	.1383477	-.031345	.1516002	.1323868	.0622376	191.6386
#2	.1349586	-.027884	.1470515	.1231835	.0623037	191.3616
#3	.1429796	-.033962	.1495860	.1249518	.0598646	190.4438

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.9139609**	**.0045014**	**.0227804**	**45.51470**	**.2727577**	**.5993687**
Stddev	.0044826	.0000775	.0004999	.16279	.0007458	.0081712
%RSD	.4904530	1.721300	2.194518	.3576736	.2734244	1.363294
#1	.9159219	.0044855	.0232253	45.54721	.2728374	.6084100
#2	.9171287	.0044332	.0222395	45.65880	.2719753	.5925115
#3	.9088320	.0045857	.0228765	45.33811	.2734605	.5971846

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.3960515**	**619.4710**	**11.93518**	**112.1002**	**1.475461**	**.0157004**
Stddev	.0027506	4.6713	.04722	.2664	.019094	.0009370
%RSD	.6945097	.7540754	.3956029	.2376883	1.294110	5.967833
#1	.3968511	624.6136	11.94699	112.3718	1.496647	.0167778
#2	.3983138	618.3091	11.97536	112.0895	1.459579	.0152477
#3	.3929897	615.4904	11.88318	111.8393	1.470159	.0150758

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.8569139**	**.3646483**	**1.513103**	**15.97288**	F **10.51999**	**2.508584**
Stddev	.1677110	.0018870	.021284	.07614	.12300	.024490
%RSD	19.57151	.5174847	1.406677	.4767135	1.169174	.9762669
#1	.9652140	.3626144	1.526770	15.94814	10.65748	2.535184
#2	.6637304	.3663421	1.523961	16.05832	10.42041	2.503600
#3	.9417973	.3649885	1.488580	15.91219	10.48209	2.486970

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: Q1105-22 Acquired: 1/24/2025 21:32:24 Type: Unk
Method: EPA SFAM01.0(v55) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: YE8G2 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0128276	2.126467	5.077257	.0418713	F 10.93610	.2202446
Stddev	.0001275	.019775	.014941	.0009138	.03744	.0024965
%RSD	.9936614	.9299369	.2942824	2.182311	.3423255	1.133508
#1	.0129481	2.145127	5.067479	.0410652	10.91455	.2217205
#2	.0126942	2.105740	5.094456	.0416847	10.97933	.2216510
#3	.0128403	2.128534	5.069836	.0428640	10.91443	.2173622

Elem	Sr4077
Units	ppm
Avg	.1554399
Stddev	.0005309
%RSD	.3415356
#1	.1554824
#2	.1559483
#3	.1548891

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4088.492	85185.30	13766.49	2931.654	3699.801
Stddev	32.309	186.74	22.17	24.605	41.658
%RSD	.7902445	.2192147	.1610358	.8392991	1.125947
#1	4051.683	84974.81	13792.09	2904.284	3653.770
#2	4112.158	85250.01	13753.89	2951.939	3734.910
#3	4101.636	85331.08	13753.49	2938.741	3710.722

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: PB166155BL Acquired: 1/24/2025 21:36:27 Type: Unk
Method: EPA SFAM01.0(v55) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: PBS155 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0006894**	**-.000861**	**-.000593**	**-.001429**	**.0005699**	**.0059780**
Stddev	.0010558	.000692	.001044	.001843	.0010807	.0016598
%RSD	153.1403	80.42700	176.1032	128.9497	189.6208	27.76546
#1	-.000012	-.000109	-.001683	.000021	.0018163	.0066173
#2	.001904	-.001472	.000397	-.000806	-.000001	.0072232
#3	.000176	-.001000	-.000492	-.003503	-.000106	.0040936

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.006907**	**-.000007**	**.0000011**	**.0077599**	**-.000182**	**.0001632**
Stddev	.000512	.000037	.0000695	.0059977	.000272	.0001207
%RSD	7.411742	559.0547	6367.430	77.29120	149.6549	73.94764
#1	-.006851	-.000048	-.000037	.0139685	-.000110	.0000394
#2	-.007444	.000005	.000081	.0073132	.000047	.0001697
#3	-.006425	.000023	-.000041	.0019980	-.000482	.0002804

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0015179**	**.0103087**	**-.000501**	**-.027824**	**-.000065**	**.0001035**
Stddev	.0017687	.0057203	.000093	.008955	.000226	.0000800
%RSD	116.5192	55.49022	18.48198	32.18400	347.1871	77.26440
#1	.0000674	.0113276	-.000601	-.019981	-.000267	.0001137
#2	.0009982	.0154511	-.000484	-.037581	-.000107	.0001779
#3	.0034882	.0041474	-.000418	-.025911	.000179	.0000190

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.3699618**	**-.000727**	**-.001512**	**.0432474**	**.0032873**	F **-.013080**
Stddev	.0499291	.000956	.001117	.0222858	.0014290	.000347
%RSD	13.49575	131.5657	73.88637	51.53112	43.47080	2.656071
#1	.4187452	-.001012	-.002507	.0453799	.0028479	-.013211
#2	.3721794	-.001507	-.001728	.0199719	.0021296	-.012686
#3	.3189609	.000340	-.000303	.0643903	.0048845	-.013342

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: PB166155BL Acquired: 1/24/2025 21:36:27 Type: Unk
Method: EPA SFAM01.0(v55) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: PBS155 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000531**	**.0087906**	**.0044904**	**.0000218**	**-.000786**	**-.002391**
Stddev	.000200	.0027748	.0024408	.0006863	.000542	.000472
%RSD	37.67657	31.56520	54.35555	3145.530	68.97910	19.72317
#1	-.000547	.0055906	.0072014	-.000503	-.000324	-.002359
#2	-.000324	.0105302	.0038022	-.000230	-.001383	-.002878
#3	-.000723	.0102510	.0024676	.000798	-.000651	-.001936

Elem	Sr4077
Units	ppm
Avg	**-.000048**
Stddev	.000015
%RSD	31.94552
#1	-.000035
#2	-.000065
#3	-.000044

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**3610.559**	**72255.11**	**10904.68**	**2515.215**	**4512.444**
Stddev	5.581	130.03	45.78	5.047	9.732
%RSD	.1545671	.1799631	.4197871	.2006564	.2156667
#1	3616.318	72179.54	10906.56	2509.387	4520.198
#2	3610.184	72405.26	10949.48	2518.184	4515.612
#3	3605.175	72180.53	10857.99	2518.072	4501.523

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: PB166155BS Acquired: 1/24/2025 21:40:37 Type: Unk
Method: EPA SFAM01.0(v55) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCS155 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0192688**	**.0499209**	**.0182022**	**.0597985**	**.1044124**	**.3704343**	**.3673141**
Stddev	.0005810	.0006879	.0005659	.0010899	.0014563	.0147067	.0042646
%RSD	3.015485	1.377886	3.108867	1.822631	1.394778	3.970112	1.161019
#1	.0186277	.0498805	.0181264	.0590233	.1029686	.3623449	.3652678
#2	.0194177	.0506281	.0188022	.0593275	.1043876	.3615481	.3644583
#3	.0197608	.0492542	.0176781	.0610447	.1058809	.3874098	.3722162

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0097911**	**.0096979**	**9.583359**	**.0212011**	**.0952734**	**.0500356**	**.2078984**
Stddev	.0002226	.0000421	.100505	.0003394	.0001392	.0021603	.0032905
%RSD	2.273031	.4344250	1.048749	1.600888	.1460988	4.317594	1.582763
#1	.0100072	.0097395	9.505831	.0215117	.0953670	.0525120	.2067489
#2	.0095626	.0096990	9.547335	.0212530	.0953397	.0485369	.2053369
#3	.0098036	.0096553	9.696912	.0208388	.0951134	.0490580	.2116095

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0294948**	**8.586945**	**.0777339**	**.0188328**	**9.512590**	**.1030403**	**.1169771**
Stddev	.0004192	.073228	.0004880	.0004397	.235386	.0034293	.0013691
%RSD	1.421384	.8527819	.6278278	2.335028	2.474464	3.328092	1.170398
#1	.0290243	8.545342	.0773335	.0185281	9.615490	.1058955	.1171931
#2	.0296313	8.543996	.0775905	.0186334	9.243276	.0992366	.1155128
#3	.0298287	8.671498	.0782775	.0193369	9.679005	.1039889	.1182253

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**9.029504**	**.0210413**	**-.012013**	**.0186864**	**.1735559**	**.4535537**	**.0133095**
Stddev	.061510	.0007721	.000343	.0001994	.0027684	.0097684	.0007795
%RSD	.6812062	3.669320	2.857013	1.067171	1.595131	2.153740	5.856571
#1	8.976206	.0212443	-.012406	.0189033	.1764053	.4625679	.0140812
#2	9.015495	.0216916	-.011860	.0185109	.1733861	.4431747	.0125225
#3	9.096809	.0201880	-.011774	.0186451	.1708763	.4549185	.0133248

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: PB166155BS Acquired: 1/24/2025 21:40:37 Type: Unk
Method: EPA SFAM01.0(v55) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCS155 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2011598	.0250366	.1731555
Stddev	.0039028	.0012399	.0021771
%RSD	1.940175	4.952266	1.257305
#1	.2028713	.0236156	.1721979
#2	.1966937	.0255964	.1716214
#3	.2039146	.0258979	.1756473

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3532.820	70863.41	10907.52	2472.167	4323.186
Stddev	4.958	173.35	179.09	6.684	8.290
%RSD	.1403337	.2446305	1.641892	.2703885	.1917582
#1	3533.855	71024.10	10726.17	2471.208	4322.867
#2	3537.179	70886.43	11084.26	2466.014	4331.631
#3	3527.427	70679.69	10912.12	2479.280	4315.060

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: Q1135-01 Acquired: 1/24/2025 21:44:41 Type: Unk
Method: EPA SFAM01.0(v55) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: YE8F5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1342901**	**-.017392**	**.1027628**	**.1094912**	**.0518087**	**194.5363**
Stddev	.0020439	.002117	.0011920	.0018571	.0021971	.4832
%RSD	1.522018	12.17423	1.159929	1.696097	4.240850	.2483681
#1	.1341744	-.015543	.1034873	.1074149	.0492840	194.3546
#2	.1363894	-.019702	.1034141	.1109934	.0528550	194.1703
#3	.1323065	-.016930	.1013871	.1100653	.0532872	195.0840

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.130342**	**.0015916**	**.0194543**	**50.73334**	**.2749768**	**.3883979**
Stddev	.000978	.0001020	.0001093	.11680	.0012059	.0005786
%RSD	.0864779	6.406658	.5616808	.2302182	.4385386	.1489693
#1	1.129383	.0015099	.0193292	50.64714	.2755439	.3877834
#2	1.131337	.0017059	.0195020	50.68660	.2735920	.3884782
#3	1.130305	.0015591	.0195316	50.86626	.2757947	.3889322

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.6559651**	**487.0678**	**6.216421**	**105.8323**	**.5475833**	**.0099942**
Stddev	.0043062	.4634	.006706	.3225	.0005735	.0007590
%RSD	.6564717	.0951469	.1078764	.3046907	.1047307	7.593991
#1	.6513730	486.5637	6.211379	105.7450	.5478016	.0093488
#2	.6599129	487.4753	6.213853	105.5625	.5469327	.0108304
#3	.6566094	487.1645	6.224032	106.1894	.5480155	.0098035

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.7569455**	**.4392870**	**.8351671**	**27.25357**	F **10.20783**	**1.979164**
Stddev	.3631328	.0008810	.0047676	.03841	.02970	.003762
%RSD	47.97344	.2005638	.5708567	.1409486	.2909731	.1900579
#1	.4116211	.4391404	.8333072	27.25528	10.18899	1.975474
#2	.7236253	.4402322	.8316098	27.21433	10.19244	1.979024
#3	1.135590	.4384885	.8405843	27.29110	10.24207	1.982993

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: Q1135-01 Acquired: 1/24/2025 21:44:41 Type: Unk
Method: EPA SFAM01.0(v55) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: YE8F5 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0151771	F 13.96347	1.858079	.0705787	F 21.57088	.2045098
Stddev	.0001546	.03817	.007452	.0013769	.05491	.0004318
%RSD	1.018526	.2733707	.4010756	1.950930	.2545355	.2111142
#1	.0150801	13.92306	1.861785	.0694306	21.58884	.2040978
#2	.0153554	13.96845	1.862952	.0721053	21.61455	.2049589
#3	.0150958	13.99891	1.849500	.0702002	21.50924	.2044728

Elem	Sr4077
Units	ppm
Avg	.1383321
Stddev	.0002366
%RSD	.1710463
#1	.1381385
#2	.1382620
#3	.1385958

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3811.656	79696.54	12766.40	2737.164	3748.764
Stddev	3.638	240.70	10.29	19.794	6.241
%RSD	.0954414	.3020242	.0805686	.7231397	.1664760
#1	3809.597	79750.54	12757.74	2746.592	3741.590
#2	3809.516	79905.65	12763.69	2750.481	3752.941
#3	3815.857	79433.42	12777.77	2714.419	3751.761

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: Q1135-02 Acquired: 1/24/2025 21:48:44 Type: Unk
Method: EPA SFAM01.0(v55) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: YE8F7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2156752	-.027003	.1320293	.0903114	.0461384	149.9993	1.457880
Stddev	.0016139	.003432	.0012058	.0028672	.0004809	.4405	.005759
%RSD	.7482772	12.70930	.9132959	3.174761	1.042226	.2936408	.3950460
#1	.2175339	-.027286	.1322579	.0870083	.0466894	150.0573	1.458171
#2	.2148614	-.023439	.1307255	.0917673	.0458036	150.4079	1.463488
#3	.2146303	-.030285	.1331044	.0921585	.0459222	149.5328	1.451980

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0041956	.0163729	21.99934	.2945739	.2638775	.3692585	445.2705
Stddev	.0000560	.0006467	.04574	.0001084	.0042040	.0025779	2.1450
%RSD	1.334149	3.949512	.2079239	.0367917	1.593173	.6981274	.4817185
#1	.0042356	.0162435	21.95691	.2944775	.2639212	.3706172	445.7936
#2	.0041316	.0158007	22.04780	.2945530	.2596518	.3708729	447.1056
#3	.0042196	.0170745	21.99330	.2946913	.2680595	.3662855	442.9124

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.11170	64.70951	.6131351	.0079755	.3887159	.5831587	.7701611
Stddev	.03075	.13000	.0086092	.0007848	.1502803	.0026056	.0019020
%RSD	.2178767	.2008923	1.404125	9.839628	38.66071	.4468110	.2469626
#1	14.10521	64.71384	.6125629	.0087392	.3349908	.5828258	.7692707
#2	14.14517	64.83729	.6048263	.0080163	.5584749	.5807356	.7688675
#3	14.08472	64.57741	.6220161	.0071712	.2726821	.5859148	.7723450

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.59785	7.381147	1.785795	.0228350	.6324150	.9144860	.0349469
Stddev	.07835	.110348	.009878	.0002702	.0111136	.0037724	.0012105
%RSD	.4452059	1.495003	.5531489	1.183489	1.757325	.4125166	3.463864
#1	17.63460	7.369167	1.787050	.0226160	.6353417	.9185403	.0338157
#2	17.65107	7.277277	1.794985	.0227519	.6201310	.9138383	.0348013
#3	17.50789	7.496996	1.775349	.0231370	.6417724	.9110793	.0362236

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: Q1135-02 Acquired: 1/24/2025 21:48:44 Type: Unk
Method: EPA SFAM01.0(v55) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: YE8F7 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	**7.398038**	**.1147217**	**.1195610**
Stddev	.010342	.0009009	.0005482
%RSD	.1397952	.7852713	.4585353
#1	7.395594	.1143031	.1197680
#2	7.409383	.1141062	.1199755
#3	7.389137	.1157557	.1189394

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**4722.817**	**95945.89**	**15184.01**	**3301.383**	**3911.105**
Stddev	43.694	80.24	34.62	5.624	53.440
%RSD	.9251583	.0836271	.2279935	.1703389	1.366371
#1	4737.674	95869.97	15177.10	3306.160	3920.970
#2	4757.145	96029.84	15221.56	3302.803	3958.926
#3	4673.632	95937.87	15153.37	3295.186	3853.420

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: Q1135-03 Acquired: 1/24/2025 21:52:47 Type: Unk
Method: EPA SFAM01.0(v55) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: YE8F7D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2183859	-.025777	.1346098	.0956154	.0470668	151.5818	1.488375
Stddev	.0013298	.000511	.0026001	.0010052	.0000689	.4364	.008110
%RSD	.6089281	1.981046	1.931597	1.051308	.1464623	.2879046	.5449221
#1	.2190564	-.026353	.1361331	.0962122	.0471374	152.0477	1.494830
#2	.2168543	-.025382	.1360887	.0961791	.0469997	151.5151	1.491024
#3	.2192469	-.025595	.1316076	.0944548	.0470633	151.1825	1.479271

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0040136	.0171475	22.06820	.2933108	.2681803	.3790925	449.9558
Stddev	.0000367	.0001186	.14503	.0001792	.0017470	.0007171	1.9631
%RSD	.9145266	.6915838	.6571738	.0610994	.6514203	.1891729	.4362939
#1	.0040086	.0171057	22.22656	.2935111	.2664096	.3799096	452.1682
#2	.0040525	.0170555	22.03617	.2931656	.2682286	.3788005	449.2771
#3	.0039796	.0172814	21.94186	.2932556	.2699026	.3785674	448.4221

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.35699	65.73483	.6249585	.0102805	.3351665	.5894877	.7833856
Stddev	.06620	.24532	.0013589	.0002997	.0818481	.0052115	.0006201
%RSD	.4611176	.3731945	.2174368	2.915244	24.42014	.8840773	.0791582
#1	14.41975	66.00917	.6240167	.0105331	.3652752	.5836382	.7830649
#2	14.36340	65.65876	.6243425	.0103589	.2425286	.5936362	.7841004
#3	14.28781	65.53655	.6265163	.0099493	.3976959	.5911887	.7829916

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.57669	7.526715	1.809101	.0226903	.6335449	.9584816	.0341197
Stddev	.04486	.007972	.011492	.0002044	.0020251	.0037726	.0012957
%RSD	.2551992	.1059184	.6352052	.9006668	.3196448	.3936055	3.797503
#1	17.62762	7.524037	1.821948	.0229207	.6325797	.9558112	.0352830
#2	17.55936	7.520426	1.805554	.0226195	.6321830	.9568362	.0343530
#3	17.54307	7.535681	1.799802	.0225308	.6358721	.9627975	.0327233

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: Q1135-03 Acquired: 1/24/2025 21:52:47 Type: Unk
Method: EPA SFAM01.0(v55) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: YE8F7D Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	**7.488433**	**.1176183**	**.1214794**
Stddev	.020902	.0022262	.0005519
%RSD	.2791202	1.892773	.4543185
#1	7.485262	.1197486	.1219960
#2	7.510739	.1177993	.1215441
#3	7.469297	.1153071	.1208980

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**4668.447**	**96749.64**	**15390.13**	**3322.359**	**3846.917**
Stddev	4.548	49.96	53.40	10.364	6.876
%RSD	.0974108	.0516418	.3469864	.3119533	.1787525
#1	4664.723	96698.12	15450.75	3333.892	3849.303
#2	4673.515	96797.89	15369.60	3319.360	3852.282
#3	4667.101	96752.90	15350.04	3313.825	3839.165

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: Q1135-02LX5 Acquired: 1/24/2025 21:56:49 Type: Unk
Method: EPA SFAM01.0(v55) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: YE8F7L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0579923**	**-.002715**	**.0277304**	**.0237715**	**.0118528**	**37.49918**	**.3513241**
Stddev	.0022520	.001021	.0006846	.0014726	.0004468	.17761	.0012557
%RSD	3.883362	37.61774	2.468760	6.194980	3.770019	.4736314	.3574343
#1	.0603235	-.003576	.0269985	.0254690	.0113685	37.35450	.3513728
#2	.0558288	-.001587	.0278376	.0228365	.0119408	37.44566	.3500447
#3	.0578245	-.002981	.0283551	.0230089	.0122492	37.69740	.3525548

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0012078**	**.0024000**	**5.711072**	**.0804926**	**.0543349**	**.0993582**	**117.6677**
Stddev	.0001210	.0000813	.013763	.0002663	.0002939	.0019514	.5347
%RSD	10.01579	3.386905	.2409881	.3307822	.5409398	1.964020	.4544478
#1	.0013192	.0023156	5.726848	.0807096	.0540899	.0992123	117.3735
#2	.0012251	.0024777	5.701527	.0801955	.0542539	.0974838	117.3447
#3	.0010791	.0024067	5.704840	.0805728	.0546608	.1013784	118.2849

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**3.628346**	**16.51169**	**.1302639**	**.0017726**	**.3477600**	**.1585722**	**.1954058**
Stddev	.011863	.07076	.0002690	.0002023	.3453700	.0009748	.0026166
%RSD	.3269579	.4285374	.2065245	11.41227	99.31273	.6147674	1.339062
#1	3.616030	16.43167	.1299623	.0016898	.5415289	.1594263	.1983776
#2	3.629311	16.53740	.1303505	.0020031	-.050986	.1575101	.1943921
#3	3.639697	16.56599	.1304790	.0016248	.552737	.1587801	.1934478

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**4.210626**	**1.534367**	**.4577249**	**.0059313**	**.1330334**	**.3501262**	**.0073423**
Stddev	.080023	.006668	.0033097	.0002147	.0021823	.0099219	.0006708
%RSD	1.900509	.4345643	.7230837	3.620194	1.640425	2.833816	9.135766
#1	4.234311	1.534571	.4554270	.0058446	.1305397	.3614373	.0073810
#2	4.121434	1.527600	.4562293	.0061758	.1345939	.3428929	.0079929
#3	4.276134	1.540931	.4615185	.0057734	.1339666	.3460485	.0066530

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: Q1135-02LX5 Acquired: 1/24/2025 21:56:49 Type: Unk
Method: EPA SFAM01.0(v55) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: YE8F7L Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.002160	.0265348	.0301559
Stddev	.011663	.0002464	.0001261
%RSD	.5825022	.9283965	.4183055
#1	2.015266	.0262821	.0301797
#2	1.998292	.0265481	.0300195
#3	1.992923	.0267742	.0302684

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3768.980	76882.16	11445.40	2665.127	4174.794
Stddev	12.045	148.51	101.60	6.749	12.537
%RSD	.3195943	.1931629	.8877105	.2532415	.3002918
#1	3760.430	77013.63	11329.20	2672.615	4169.912
#2	3782.756	76911.78	11489.49	2663.255	4189.038
#3	3763.755	76721.07	11517.51	2659.511	4165.434

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: Q1135-04 Acquired: 1/24/2025 22:00:50 Type: Unk
Method: EPA SFAM01.0(v55) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: YE8F7S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2683630	.0623863	.1686612	.2112533	.1655133	155.1034	4.150884
Stddev	.0019741	.0009741	.0016323	.0033619	.0025727	1.5886	.028646
%RSD	.7356202	1.561340	.9677659	1.591393	1.554383	1.024241	.6901180
#1	.2706224	.0631565	.1668507	.2095493	.1626073	156.3909	4.167261
#2	.2669715	.0627110	.1700201	.2151259	.1675005	153.3280	4.117807
#3	.2674951	.0612913	.1691128	.2090846	.1664320	155.5912	4.167585

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0674976	.1078830	22.22253	.5748717	1.183636	.7039864	455.1735
Stddev	.0006906	.0002910	.16663	.0021258	.001084	.0038702	1.7685
%RSD	1.023166	.2697594	.7498161	.3697779	.0915565	.5497546	.3885233
#1	.0669741	.1079240	22.34207	.5761729	1.184670	.7049358	453.6795
#2	.0682804	.1075737	22.03220	.5724186	1.182508	.7072936	454.7149
#3	.0672384	.1081514	22.29333	.5760236	1.183730	.6997299	457.1261

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.09603	66.16811	1.529192	.0621797	.3794434	1.245797	1.417627
Stddev	.09538	.45598	.000477	.0001622	.0634011	.005234	.013251
%RSD	.6317912	.6891229	.0312129	.2609374	16.70896	.4201450	.9347188
#1	15.17400	66.56040	1.529172	.0621056	.3575759	1.241903	1.431526
#2	14.98969	65.66783	1.529679	.0620677	.3298706	1.251747	1.405136
#3	15.12440	66.27610	1.528725	.0623658	.4508838	1.243740	1.416220

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.81710	7.520816	1.837111	.0223156	.6276764	1.189517	.0351690
Stddev	.20032	.006463	.009482	.0001448	.0021706	.013498	.0015468
%RSD	1.124321	.0859353	.5161223	.6486747	.3458111	1.134734	4.398093
#1	17.96160	7.527131	1.833340	.0223068	.6251781	1.184357	.0334968
#2	17.58843	7.521104	1.830095	.0224646	.6290988	1.204833	.0365485
#3	17.90128	7.514214	1.847898	.0221755	.6287524	1.179360	.0354618

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: Q1135-04 Acquired: 1/24/2025 22:00:50 Type: Unk
Method: EPA SFAM01.0(v55) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: YE8F7S Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	**7.506492**	**.1185476**	**.1222725**
Stddev	.028470	.0015169	.0011046
%RSD	.3792758	1.279568	.9033903
#1	7.494236	.1202657	.1231774
#2	7.539037	.1173933	.1210416
#3	7.486202	.1179839	.1225987

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**4645.714**	**95148.93**	**15261.98**	**3287.512**	**3834.456**
Stddev	7.762	304.90	146.42	10.425	6.666
%RSD	.1670797	.3204458	.9593877	.3171224	.1738568
#1	4642.444	95105.51	15390.58	3283.793	3827.661
#2	4640.122	95473.21	15102.63	3299.286	3834.720
#3	4654.576	94868.06	15292.74	3279.455	3840.986

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: Q1135-05 Acquired: 1/24/2025 22:05:01 Type: Unk
Method: EPA SFAM01.0(v55) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: YE8F8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1029386**	**-.020427**	**.1433281**	**.0822129**	**.0435848**	**164.3680**
Stddev	.0024175	.001842	.0023178	.0046435	.0016732	.3110
%RSD	2.348472	9.019660	1.617129	5.648185	3.838908	.1891811
#1	.1004944	-.019383	.1406809	.0801083	.0422398	164.1418
#2	.1053285	-.019344	.1449928	.0789942	.0430561	164.7226
#3	.1029929	-.022554	.1443107	.0875360	.0454584	164.2397

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.9037831**	**.0022279**	**.0133914**	**43.62650**	**.2152758**	**.2063904**
Stddev	.0027443	.0000826	.0000584	.10400	.0005332	.0010000
%RSD	.3036453	3.705395	.4361675	.2383933	.2476667	.4845347
#1	.9006296	.0021504	.0134117	43.50714	.2154521	.2055712
#2	.9050908	.0023147	.0134369	43.67467	.2156986	.2060952
#3	.9056290	.0022185	.0133255	43.69768	.2146769	.2075048

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.4299799**	**401.1263**	**5.151308**	**76.74298**	**.3889232**	**.0100361**
Stddev	.0040081	.6311	.007305	.13284	.0008612	.0004439
%RSD	.9321554	.1573253	.1418004	.1730947	.2214349	4.422980
#1	.4328579	401.8541	5.145091	76.61733	.3884780	.0099520
#2	.4254020	400.7322	5.149481	76.88200	.3883757	.0096403
#3	.4316798	400.7925	5.159353	76.72961	.3899159	.0105160

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2353598**	**.4260275**	**.7338926**	**12.20540**	**5.624570**	**1.626255**
Stddev	.2212627	.0026980	.0041146	.04891	.014138	.003864
%RSD	94.01041	.6332920	.5606565	.4007324	.2513681	.2375930
#1	.3693688	.4229890	.7326099	12.16001	5.617675	1.630493
#2	-.020028	.4269512	.7305721	12.25720	5.615203	1.625344
#3	.356739	.4281424	.7384958	12.19901	5.640834	1.622928

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: Q1135-05 Acquired: 1/24/2025 22:05:01 Type: Unk
Method: EPA SFAM01.0(v55) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: YE8F8 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0234470	.5478757	1.402138	.0435160	F 11.96367	.1085009
Stddev	.0003992	.0081970	.008157	.0007679	.05172	.0011482
%RSD	1.702425	1.496142	.5817651	1.764759	.4323010	1.058200
#1	.0231389	.5517936	1.404298	.0440793	11.93138	.1071917
#2	.0233042	.5533784	1.393118	.0426412	11.93630	.1089744
#3	.0238980	.5384549	1.408998	.0438274	12.02332	.1093366

Elem	Sr4077
Units	ppm
Avg	.1931434
Stddev	.0001021
%RSD	.0528838
#1	.1932033
#2	.1930255
#3	.1932015

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4225.192	87860.86	14157.22	3044.384	3789.791
Stddev	.792	83.75	36.51	10.474	4.987
%RSD	.0187528	.0953178	.2578916	.3440496	.1315894
#1	4225.514	87793.89	14154.80	3053.933	3792.039
#2	4225.772	87833.93	14194.88	3046.036	3793.259
#3	4224.289	87954.76	14121.98	3033.181	3784.076

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: Q1135-06 Acquired: 1/24/2025 22:09:04 Type: Unk
Method: EPA SFAM01.0(v55) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: YE8F9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0913254**	**-.021874**	**.1392116**	**.0847192**	**.0402758**	**165.3008**
Stddev	.0013420	.002244	.0001933	.0012819	.0012948	.3895
%RSD	1.469430	10.25739	.1388716	1.513101	3.214873	.2356404
#1	.0926846	-.022635	.1390165	.0836573	.0415666	165.7448
#2	.0900014	-.023638	.1394031	.0861432	.0389770	165.0165
#3	.0912900	-.019349	.1392152	.0843571	.0402836	165.1411

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.9316404**	**.0021698**	**.0131547**	**44.54015**	**.2133125**	**.2012770**
Stddev	.0037270	.0001712	.0000895	.10183	.0006546	.0004384
%RSD	.4000415	7.889917	.6801923	.2286226	.3068718	.2178250
#1	.9358406	.0019721	.0131901	44.65637	.2136925	.2010106
#2	.9303519	.0022694	.0132209	44.46660	.2125567	.2010374
#3	.9287286	.0022679	.0130529	44.49747	.2136884	.2017830

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.4430534**	**396.0941**	**4.984028**	**77.15120**	**.3809834**	**.0092184**
Stddev	.0015616	1.5969	.010306	.27582	.0008983	.0005117
%RSD	.3524689	.4031642	.2067862	.3575109	.2357735	5.551052
#1	.4443065	397.3883	4.995901	77.36953	.3804514	.0098067
#2	.4435498	394.3095	4.977383	76.84121	.3804783	.0088765
#3	.4413039	396.5845	4.978801	77.24285	.3820205	.0089719

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.5430869**	**.4284077**	**.7424305**	**12.69370**	**5.453115**	**1.603361**
Stddev	.1343494	.0029670	.0045797	.03429	.007057	.009504
%RSD	24.73810	.6925655	.6168542	.2701467	.1294137	.5927680
#1	.6600253	.4252252	.7451964	12.72500	5.448976	1.611656
#2	.5729002	.4310975	.7449509	12.65705	5.461264	1.592991
#3	.3963351	.4289005	.7371442	12.69906	5.449106	1.605435

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: Q1135-06 Acquired: 1/24/2025 22:09:04 Type: Unk
Method: EPA SFAM01.0(v55) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: YE8F9 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0223019	.5157557	2.436211	.0464237	F 12.87382	.1076758
Stddev	.0001539	.0026750	.009688	.0015015	.02111	.0005473
%RSD	.6899152	.5186538	.3976597	3.234264	.1639479	.5082875
#1	.0222656	.5128440	2.447350	.0454736	12.88656	.1073510
#2	.0224707	.5163186	2.431534	.0456429	12.88545	.1083077
#3	.0221695	.5181044	2.429749	.0481547	12.84946	.1073688

Elem	Sr4077
Units	ppm
Avg	.1966442
Stddev	.0008957
%RSD	.4555179
#1	.1976356
#2	.1964037
#3	.1958932

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4312.534	87815.07	14060.08	3026.555	3888.209
Stddev	4.729	396.54	49.06	13.243	1.593
%RSD	.1096554	.4515649	.3488967	.4375523	.0409773
#1	4309.704	87721.43	14092.48	3011.330	3886.437
#2	4317.993	88250.05	14084.12	3032.931	3889.522
#3	4309.905	87473.73	14003.64	3035.404	3888.670

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: Q1135-07 Acquired: 1/24/2025 22:13:07 Type: Unk
Method: EPA SFAM01.0(v55) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: YE8H9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1372119	-.013449	.1329355	.0779832	.0398247	157.3677	.7059755
Stddev	.0025367	.001034	.0023299	.0018413	.0037294	.0819	.0036062
%RSD	1.848784	7.692048	1.752652	2.361186	9.364636	.0520235	.5108126
#1	.1401101	-.014196	.1340653	.0796238	.0398536	157.2906	.7035366
#2	.1361308	-.012268	.1302561	.0759917	.0435396	157.4536	.7042720
#3	.1353949	-.013882	.1344850	.0783340	.0360809	157.3588	.7101179

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0024941	.0150676	107.3130	.5532701	.1785503	.5601987	367.5110
Stddev	.0001100	.0000906	.1599	.0014856	.0003749	.0019750	2.9973
%RSD	4.410427	.6014415	.1489860	.2685206	.2099996	.3525619	.8155728
#1	.0026060	.0151688	107.1748	.5542054	.1782271	.5586643	364.9686
#2	.0024903	.0150397	107.2760	.5515571	.1784625	.5595047	366.7484
#3	.0023861	.0149941	107.4881	.5540479	.1789614	.5624271	370.8159

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.668433	79.27347	.8482859	.0128765	.2317764	.3914543	.8655968
Stddev	.018913	.03135	.0012813	.0010304	.2147867	.0025527	.0049017
%RSD	.3336583	.0395426	.1510479	8.001794	92.66978	.6521064	.5662835
#1	5.663161	79.23766	.8468560	.0120088	.4463064	.3926862	.8682635
#2	5.652716	79.28681	.8486715	.0126055	.2322890	.3885192	.8599398
#3	5.689423	79.29594	.8493301	.0140153	.0167339	.3931574	.8685871

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.420310	6.379939	1.484438	.0095734	1.021975	1.146719	.0237985
Stddev	.010306	.016565	.014226	.0004951	.008003	.007934	.0006151
%RSD	.3013159	.2596367	.9583152	5.171899	.7830701	.6919205	2.584621
#1	3.416889	6.365936	1.472765	.0090936	1.031102	1.137774	.0236867
#2	3.412149	6.375657	1.480267	.0095439	1.018668	1.149474	.0244619
#3	3.431891	6.398224	1.500283	.0100826	1.016156	1.152908	.0232470

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: Q1135-07 Acquired: 1/24/2025 22:13:07 Type: Unk
Method: EPA SFAM01.0(v55) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: YE8H9 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	6.005775	.1778053	.2622004
Stddev	.017859	.0011694	.0009380
%RSD	.2973719	.6576769	.3577262
#1	5.993875	.1791120	.2615114
#2	5.997138	.1774467	.2618212
#3	6.026311	.1768572	.2632686

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4029.236	83413.34	13351.21	2862.155	3834.503
Stddev	3.846	166.36	42.82	13.544	7.289
%RSD	.0954556	.1994436	.3206909	.4732263	.1900870
#1	4030.702	83313.48	13342.02	2848.651	3837.929
#2	4032.134	83605.39	13397.87	2875.740	3839.449
#3	4024.873	83321.15	13313.73	2862.073	3826.133

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: Q1135-08 Acquired: 1/24/2025 22:17:10 Type: Unk
Method: EPA SFAM01.0(v55) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: YE8J0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1645428	-.023637	.1984229	.1015390	.0502951	171.3699
Stddev	.0022733	.002043	.0019633	.0012254	.0007963	.1283
%RSD	1.381576	8.644211	.9894481	1.206781	1.583318	.0748425
#1	.1670153	-.023570	.1964954	.1027420	.0500106	171.5179
#2	.1625431	-.025712	.2004202	.1002925	.0511946	171.2899
#3	.1640700	-.021628	.1983532	.1015825	.0496800	171.3020

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.939188	.0033074	.0160544	43.74188	.3296680	.2649988
Stddev	.010123	.0000451	.0000084	.05268	.0014996	.0009923
%RSD	.5220412	1.363684	.0522768	.1204421	.4548814	.3744494
#1	1.934456	.0032720	.0160455	43.72671	.3294467	.2650887
#2	1.950811	.0033582	.0160557	43.80048	.3282914	.2639647
#3	1.932297	.0032920	.0160621	43.69844	.3312660	.2659431

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5305556	467.9987	11.04267	67.51757	.4486697	.0123017
Stddev	.0044207	4.3304	.01854	.17616	.0010189	.0005920
%RSD	.8332126	.9253106	.1678526	.2609117	.2270944	4.812115
#1	.5279313	467.5607	11.02970	67.50491	.4491624	.0119617
#2	.5356595	463.9039	11.06390	67.34808	.4474981	.0119580
#3	.5280761	472.5315	11.03441	67.69972	.4493487	.0129852

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5260635	.7319996	.8884053	31.80530	F 19.78302	1.896588
Stddev	.1086321	.0016636	.0038438	.01757	.05111	.019196
%RSD	20.65000	.2272665	.4326616	.0552450	.2583707	1.012146
#1	.5310407	.7331519	.8847260	31.78774	19.72403	1.893510
#2	.4150283	.7327544	.8923948	31.82289	19.81430	1.879117
#3	.6321214	.7300924	.8880952	31.80525	19.81073	1.917137

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: Q1135-08 Acquired: 1/24/2025 22:17:10 Type: Unk
Method: EPA SFAM01.0(v55) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: YE8J0 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0132502	1.295423	1.175262	.0352282	7.338619	.1168299
Stddev	.0001942	.005503	.006502	.0007511	.021232	.0012042
%RSD	1.465838	.4247713	.5532075	2.132118	.2893160	1.030764
#1	.0131404	1.297270	1.177931	.0348469	7.332177	.1171171
#2	.0131359	1.299765	1.180005	.0347441	7.362325	.1178646
#3	.0134745	1.289235	1.167851	.0360934	7.321353	.1155080

Elem	Sr4077
Units	ppm
Avg	.3132208
Stddev	.0014530
%RSD	.4638862
#1	.3126370
#2	.3148749
#3	.3121506

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4417.461	92065.62	14696.10	3151.111	3807.987
Stddev	7.741	291.91	41.00	12.184	5.969
%RSD	.1752310	.3170682	.2789923	.3866701	.1567554
#1	4421.866	92151.92	14716.20	3164.925	3814.139
#2	4421.993	92304.64	14723.17	3146.513	3807.603
#3	4408.523	91740.29	14648.93	3141.894	3802.219

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: CCV019 Acquired: 1/24/2025 22:21:12 Type: Unk
Method: EPA SFAM01.0(v55) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV019 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**4.600548**	**4.572203**	**23.16124**	**4.645098**	**4.746009**	**401.1992**
Stddev	.017417	.051308	.01401	.018841	.017522	.7999
%RSD	.3785798	1.122169	.0604715	.4056097	.3691941	.1993655
#1	4.591883	4.555417	23.16379	4.635136	4.734733	401.0568
#2	4.589163	4.531392	23.14613	4.633330	4.737099	400.4801
#3	4.620597	4.629802	23.17380	4.666829	4.766196	402.0607

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**10.20909**	**.4639310**	**2.318138**	**393.4840**	**14.74233**	**2.361049**
Stddev	.03310	.0026516	.004056	4.0687	.02980	.003220
%RSD	.3242671	.5715508	.1749644	1.034013	.2021057	.1363855
#1	10.24540	.4661631	2.317829	389.4382	14.73946	2.360130
#2	10.18058	.4646300	2.314246	393.4387	14.71408	2.358388
#3	10.20128	.4609999	2.322340	397.5752	14.77346	2.364629

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**14.53816**	**402.4726**	**14.98459**	**391.2887**	**2.350998**	**1.244930**
Stddev	.02893	1.8775	.09172	1.9789	.002552	.000906
%RSD	.1990259	.4664873	.6120671	.5057309	.1085626	.0727482
#1	14.56657	401.1968	14.92845	389.8401	2.348813	1.244852
#2	14.53917	401.5925	14.93489	390.4827	2.350378	1.244066
#3	14.50873	404.6285	15.09043	393.5434	2.353803	1.245872

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**375.1373**	**2.364608**	**15.23699**	**148.9562**	**4.700528**	F **5.687841**
Stddev	.9682	.005975	.03536	.6403	.022465	.015542
%RSD	.2581002	.2526644	.2320583	.4298413	.4779322	.2732559
#1	376.2298	2.365231	15.25167	148.5875	4.689660	5.693760
#2	374.3852	2.370246	15.19666	148.5856	4.685562	5.699555
#3	374.7970	2.358346	15.26264	149.6956	4.726360	5.670209

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: CCV019 Acquired: 1/24/2025 22:21:12 Type: Unk
Method: EPA SFAM01.0(v55) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV019 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**4.646976**	**4.686700**	**4.804648**	**4.677577**	**4.808884**	**4.940489**
Stddev	.014103	.018252	.007304	.010285	.016424	.027257
%RSD	.3034935	.3894476	.1520200	.2198748	.3415414	.5516983
#1	4.637474	4.670861	4.805398	4.677417	4.825401	4.937328
#2	4.640274	4.682578	4.796998	4.667374	4.808696	4.914951
#3	4.663181	4.706660	4.811548	4.687942	4.792554	4.969189

Elem	Sr4077
Units	ppm
Avg	**5.059916**
Stddev	.079270
%RSD	1.566633
#1	5.119089
#2	4.969850
#3	5.090808

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**2834.709**	**60324.01**	**10177.27**	**2045.289**	**3312.142**
Stddev	8.080	199.26	39.36	5.619	5.360
%RSD	.2850286	.3303214	.3867872	.2747261	.1618435
#1	2841.138	60438.40	10149.51	2041.947	3314.689
#2	2837.349	60439.71	10159.97	2051.776	3315.755
#3	2825.639	60093.92	10222.32	2042.144	3305.983

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: CCB019 Acquired: 1/24/2025 22:29:49 Type: Unk
Method: EPA SFAM01.0(v55) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB019 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0004817**	**-.000257**	**.0009734**	**.0003747**	**-.000058**	**.0193802**	**-.006596**
Stddev	.0020502	.000427	.0009151	.0015792	.000490	.0085013	.000505
%RSD	425.6171	166.3878	94.01291	421.4104	848.2473	43.86571	7.651025
#1	.0011636	-.000586	.0013134	-.001448	.000425	.0147418	-.006608
#2	-.001823	.000226	-.000063	.001326	-.000554	.0142071	-.007094
#3	.002104	-.000411	.001670	.001246	-.000044	.0291918	-.006085

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000031**	**.0001185**	**.0185435**	**.0013249**	**.0000325**	**-.004109**	**.0260433**
Stddev	.000111	.0000190	.0068317	.0001500	.0002556	.002149	.0098406
%RSD	352.9709	16.01488	36.84165	11.31950	786.4591	52.29206	37.78562
#1	.000092	.0000976	.0180448	.0014928	.0001992	-.006183	.0219739
#2	-.000124	.0001346	.0119748	.0012778	.0001601	-.004252	.0188901
#3	-.000062	.0001232	.0256109	.0012042	-.000262	-.001893	.0372659

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0002924**	**.0055981**	**.0005717**	**.0003097**	**-.032072**	**.0008702**	**-.000643**
Stddev	.0003161	.0145688	.0002385	.0003387	.149984	.0010459	.001587
%RSD	108.0916	260.2445	41.72205	109.3879	467.6453	120.1989	246.6361
#1	.0003592	-.001501	.0007186	.0000911	-.132276	-.000243	.000500
#2	-.000052	-.004061	.0002965	.0006999	-.104301	.001833	-.002455
#3	.000570	.022356	.0007001	.0001380	.140360	.001021	.000025

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0696166**	**.0029686**	**-.006781**	**.0002940**	**.0071569**	**.0011689**	**.0008423**
Stddev	.0580256	.0003774	.000973	.0000330	.0029664	.0027089	.0003010
%RSD	83.35019	12.71411	14.35298	11.22795	41.44760	231.7440	35.73286
#1	.0665831	.0034042	-.005737	.0002621	.0104577	.0025613	.0009498
#2	.0131673	.0027395	-.007663	.0002918	.0062992	.0028985	.0010747
#3	.1290994	.0027621	-.006945	.0003280	.0047139	-.001953	.0005023

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: CCB019 Acquired: 1/24/2025 22:29:49 Type: Unk
Method: EPA SFAM01.0(v55) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB019 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	**-.000426**	**-.002252**	**.0002303**
Stddev	.000952	.000282	.0001376
%RSD	223.2227	12.52700	59.76651
#1	-.001375	-.002187	.0001255
#2	.000528	-.002008	.0001792
#3	-.000432	-.002561	.0003861

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**3523.321**	**72186.22**	**10837.58**	**2524.898**	**4341.896**
Stddev	3.050	283.43	22.72	5.620	5.711
%RSD	.0865709	.3926350	.2096616	.2225778	.1315434
#1	3520.954	71889.88	10841.39	2519.628	4347.458
#2	3526.763	72214.13	10813.20	2524.256	4342.184
#3	3522.247	72454.67	10858.16	2530.812	4336.046

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: Q1135-10 Acquired: 1/24/2025 22:33:59 Type: Unk
Method: EPA SFAM01.0(v55) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: YE8J1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1226541**	**-.009780**	**.1119536**	**.0990909**	**.0493293**	**169.5256**
Stddev	.0025099	.003858	.0017085	.0009240	.0013617	.2749
%RSD	2.046318	39.44365	1.526109	.9324774	2.760416	.1621318
#1	.1249517	-.014053	.1118709	.0995151	.0484508	169.3209
#2	.1199755	-.008734	.1137019	.0980310	.0508978	169.4180
#3	.1230352	-.006553	.1102879	.0997266	.0486391	169.8380

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.9580924**	**.0028411**	**.0123498**	**47.23694**	**.3412112**	**.3237069**
Stddev	.0006744	.0002042	.0000840	.06400	.0003500	.0010122
%RSD	.0703853	7.188440	.6802174	.1354908	.1025691	.3126844
#1	.9582398	.0027579	.0122535	47.21807	.3408071	.3242728
#2	.9586808	.0030738	.0123879	47.18450	.3414114	.3225384
#3	.9573565	.0026915	.0124080	47.30826	.3414150	.3243097

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.4434394**	**443.4646**	**5.642148**	**93.38898**	**.5460205**	**.0085967**
Stddev	.0028624	2.4823	.007771	.19527	.0012690	.0006271
%RSD	.6455006	.5597537	.1377374	.2090959	.2324115	7.294989
#1	.4454420	445.2819	5.649742	93.34907	.5471908	.0091585
#2	.4447154	440.6364	5.634210	93.21674	.5446717	.0079201
#3	.4401610	444.4756	5.642492	93.60112	.5461990	.0087115

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.7688232**	**.4633154**	**.8696779**	**17.27020**	**7.487428**	**1.793826**
Stddev	.0942130	.0018639	.0030444	.01761	.039683	.013069
%RSD	12.25418	.4022966	.3500608	.1019840	.5300015	.7285275
#1	.7713140	.4620077	.8724403	17.25893	7.496050	1.805621
#2	.8617662	.4654497	.8701796	17.26119	7.444142	1.779777
#3	.6733896	.4624889	.8664138	17.29050	7.522092	1.796080

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: Q1135-10 Acquired: 1/24/2025 22:33:59 Type: Unk
Method: EPA SFAM01.0(v55) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: YE8J1 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0101574**	**5.344300**	**1.600293**	**.0493451**	F **14.73283**	**.1706510**
Stddev	.0004924	.006062	.004178	.0002666	.00344	.0006132
%RSD	4.847344	.1134352	.2610572	.5402515	.0233502	.3593312
#1	.0103819	5.344771	1.595494	.0492291	14.72886	.1711337
#2	.0095928	5.338016	1.602264	.0496500	14.73495	.1708582
#3	.0104975	5.350113	1.603120	.0491561	14.73467	.1699610

Elem	Sr4077
Units	ppm
Avg	**.1421521**
Stddev	.0001601
%RSD	.1126079
#1	.1419682
#2	.1422598
#3	.1422283

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**3740.195**	**79508.94**	**12328.10**	**2708.819**	**3829.451**
Stddev	6.331	192.70	20.63	3.475	5.801
%RSD	.1692760	.2423617	.1673354	.1282907	.1514736
#1	3736.316	79510.72	12327.03	2704.869	3822.780
#2	3736.768	79700.74	12349.25	2711.407	3833.305
#3	3747.501	79315.35	12308.03	2710.181	3832.267

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: Q1135-11 Acquired: 1/24/2025 22:38:01 Type: Unk
Method: EPA SFAM01.0(v55) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: YE8E3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.795604**	**-.011004**	**1.908231**	**.0933424**	**.0551804**	**90.56111**	**1.463085**
Stddev	.000696	.001357	.006266	.0032624	.0018330	.58855	.009099
%RSD	.0387499	12.33476	.3283622	3.495138	3.321918	.6498910	.6218961
#1	1.796318	-.009484	1.907984	.0942367	.0554433	90.44206	1.459275
#2	1.794927	-.012095	1.914616	.0960643	.0568678	91.20009	1.473469
#3	1.795567	-.011431	1.902092	.0897260	.0532301	90.04120	1.456510

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0035371**	**.0143627**	**34.12129**	**.3282866**	**.2114084**	**.8683272**	**428.0116**
Stddev	.0001878	.0000881	.20093	.0011938	.0003936	.0022981	1.2472
%RSD	5.309107	.6136512	.5888722	.3636528	.1861916	.2646561	.2913962
#1	.0037446	.0143621	34.01929	.3290594	.2109620	.8667059	428.9121
#2	.0033789	.0142748	34.35277	.3288887	.2117056	.8709571	428.5346
#3	.0034878	.0144511	33.99182	.3269116	.2115577	.8673185	426.5880

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**10.93774**	**37.31616**	**.4277778**	**.0100399**	**.3959437**	**.4585032**	**1.424420**
Stddev	.06259	.23609	.0002974	.0003829	.2438515	.0062411	.007936
%RSD	.5722476	.6326690	.0695212	3.813855	61.58743	1.361183	.5571084
#1	10.89770	37.12993	.4277814	.0101388	.1157368	.4591124	1.419163
#2	11.00987	37.58169	.4274787	.0103637	.5600609	.4644173	1.433548
#3	10.90565	37.23687	.4280735	.0096172	.5120334	.4519798	1.420549

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**12.99429**	**7.010963**	**1.731154**	**.0190897**	**2.746037**	**1.686870**	**.8766272**
Stddev	.10630	.014353	.004036	.0001700	.008394	.013037	.0021880
%RSD	.8180337	.2047238	.2331313	.8907523	.3056906	.7728661	.2495979
#1	12.91286	7.027414	1.733548	.0189809	2.751585	1.701461	.8761390
#2	13.11454	7.004486	1.733418	.0190027	2.750147	1.676366	.8790181
#3	12.95547	7.000991	1.726494	.0192857	2.736380	1.682784	.8747244

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: Q1135-11 Acquired: 1/24/2025 22:38:01 Type: Unk
Method: EPA SFAM01.0(v55) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: YE8E3 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.088825	.0705981	.2887181
Stddev	.009638	.0001732	.0022253
%RSD	.8851883	.2453470	.7707473
#1	1.089550	.0704902	.2878203
#2	1.098080	.0705063	.2912520
#3	1.078844	.0707979	.2870819

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3746.236	75685.71	11814.25	2604.791	4064.326
Stddev	6.557	200.28	44.76	4.970	3.256
%RSD	.1750404	.2646182	.3788909	.1908146	.0801088
#1	3751.169	75894.00	11773.76	2600.427	4068.060
#2	3748.744	75494.54	11806.68	2603.745	4062.835
#3	3738.794	75668.60	11862.32	2610.201	4062.083

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: Q1135-12 Acquired: 1/24/2025 22:42:01 Type: Unk
Method: EPA SFAM01.0(v55) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: YE8E4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5916313	-.011021	.1160579	.1001617	.0569908	109.1283	1.729297
Stddev	.0017850	.002146	.0014011	.0019205	.0010207	.9645	.015175
%RSD	.3017081	19.46842	1.207212	1.917427	1.790955	.8838383	.8775079
#1	.5920360	-.010911	.1173258	.0979706	.0560212	109.6873	1.738608
#2	.5896787	-.013219	.1145537	.1009615	.0568952	109.6831	1.737496
#3	.5931792	-.008932	.1162941	.1015531	.0580558	108.0146	1.711786

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0041679	.0106230	27.20537	.3518334	.2414445	.4683631	456.9217
Stddev	.0001481	.0001827	.18031	.0001913	.0003374	.0032256	.8867
%RSD	3.553441	1.719637	.6627781	.0543859	.1397646	.6887028	.1940621
#1	.0040000	.0104154	27.31236	.3520214	.2418245	.4656544	457.6848
#2	.0042241	.0107588	27.30656	.3518398	.2411799	.4719315	455.9490
#3	.0042797	.0106949	26.99719	.3516389	.2413291	.4675035	457.1314

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.906738	42.90130	.4819163	.0104708	.9002189	.5125661	.5869600
Stddev	.064231	.25779	.0019524	.0006125	.0346327	.0016479	.0023204
%RSD	.6483560	.6008965	.4051322	5.849743	3.847148	.3214944	.3953228
#1	9.955620	43.04603	.4840442	.0100053	.9359676	.5144379	.5885065
#2	9.930603	43.05420	.4802074	.0102423	.8668220	.5113338	.5880815
#3	9.833991	42.60366	.4814974	.0111647	.8978671	.5119268	.5842919

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.332559	5.041488	1.835801	.0260231	.9921648	.9589457	.0099450
Stddev	.056437	.013876	.004757	.0002122	.0025017	.0046361	.0015368
%RSD	1.302614	.2752349	.2591212	.8155157	.2521454	.4834591	15.45319
#1	4.327203	5.047833	1.841193	.0261340	.9950337	.9594445	.0105904
#2	4.391483	5.025574	1.834014	.0261569	.9910225	.9540804	.0081908
#3	4.278992	5.051057	1.832196	.0257784	.9904381	.9633123	.0110540

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: Q1135-12 Acquired: 1/24/2025 22:42:01 Type: Unk
Method: EPA SFAM01.0(v55) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: YE8E4 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.108539	.0961678	.2706074
Stddev	.000780	.0017213	.0024177
%RSD	.0703641	1.789860	.8934307
#1	1.108507	.0969684	.2722629
#2	1.109334	.0973429	.2717264
#3	1.107775	.0941920	.2678330

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3794.534	78702.57	12198.02	2719.095	3994.891
Stddev	10.914	143.68	93.51	1.639	5.864
%RSD	.2876221	.1825596	.7665915	.0602888	.1467872
#1	3795.129	78710.49	12270.75	2719.958	3993.402
#2	3805.137	78555.10	12230.77	2717.205	4001.356
#3	3783.334	78842.13	12092.54	2720.124	3989.915

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: Q1135-13 Acquired: 1/24/2025 22:46:06 Type: Unk
Method: EPA SFAM01.0(v55) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: YE8E5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4545377	.0002807	.0622390	.0744782	.0476625	93.37108	.3698651
Stddev	.0029868	.0008236	.0018436	.0012678	.0004903	.33690	.0012533
%RSD	.6571113	293.4459	2.962095	1.702255	1.028633	.3608186	.3388429
#1	.4563847	.0012311	.0615264	.0751121	.0472987	93.06268	.3684368
#2	.4510918	-.000166	.0608580	.0753041	.0474687	93.31992	.3707808
#3	.4561365	-.000223	.0643325	.0730185	.0482200	93.73063	.3703777

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006507	.0042213	32.03737	.2361872	.0140648	.3146697	323.2470
Stddev	.0000965	.0002053	.07198	.0007981	.0001799	.0045955	.8320
%RSD	14.83467	4.863414	.2246603	.3378918	1.278750	1.460406	.2573845
#1	.0006041	.0040454	31.98056	.2354451	.0140286	.3132914	322.5168
#2	.0007617	.0041715	32.01323	.2360852	.0142600	.3197966	323.0714
#3	.0005864	.0044469	32.11831	.2370314	.0139059	.3109212	324.1527

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.011951	41.22996	.1412814	.0090708	1.048914	.2557464	.3492697
Stddev	.004117	.08316	.0003265	.0004495	.092175	.0008443	.0022445
%RSD	.4068134	.2016952	.2310955	4.954937	8.787691	.3301373	.6426388
#1	1.007284	41.28736	.1412922	.0094956	1.116751	.2562808	.3466831
#2	1.015069	41.13459	.1409497	.0086002	.943968	.2547730	.3504223
#3	1.013500	41.26793	.1416024	.0091166	1.086022	.2561854	.3507039

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.826964	2.454590	1.309620	.0247511	.8507026	.7837643	.0029052
Stddev	.044952	.007314	.003841	.0002460	.0033703	.0053514	.0007945
%RSD	2.460467	.2979836	.2932687	.9940467	.3961806	.6827860	27.34858
#1	1.878870	2.453368	1.305822	.0244866	.8523966	.7872772	.0035830
#2	1.800786	2.447965	1.309537	.0247934	.8468214	.7864104	.0031018
#3	1.801237	2.462439	1.313502	.0249732	.8528899	.7776053	.0020308

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: Q1135-13 Acquired: 1/24/2025 22:46:06 Type: Unk
Method: EPA SFAM01.0(v55) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: YE8E5 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1849338	.0491678	.3022664
Stddev	.0016838	.0004900	.0011233
%RSD	.9104644	.9964996	.3716153
#1	.1859125	.0492195	.3009743
#2	.1858992	.0486540	.3028148
#3	.1829896	.0496298	.3030101

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3409.824	70320.50	11070.17	2443.237	4009.735
Stddev	10.296	63.54	71.54	10.064	12.912
%RSD	.3019561	.0903521	.6462222	.4119175	.3220131
#1	3412.995	70284.10	11004.43	2454.168	4014.077
#2	3418.161	70393.86	11059.73	2434.356	4019.916
#3	3398.315	70283.53	11146.36	2441.186	3995.211

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: Q1135-14 Acquired: 1/24/2025 22:50:04 Type: Unk
Method: EPA SFAM01.0(v55) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: YE8E6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.9157107**	**-.001762**	**.1141919**	**.0927822**	**.0399229**	**72.85821**
Stddev	.0004353	.000759	.0002057	.0045795	.0016009	.24556
%RSD	.0475382	43.09199	.1801398	4.935736	4.010043	.3370401
#1	.9159643	-.001343	.1139604	.0969147	.0392623	72.60122
#2	.9159596	-.002638	.1142620	.0878588	.0387580	72.88294
#3	.9152080	-.001305	.1143535	.0935732	.0417484	73.09047

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.3641147**	**-.000500**	**.0194985**	**31.35908**	**.1632974**	**.1900939**
Stddev	.0013485	.000178	.0001298	.09567	.0000731	.0003046
%RSD	.3703446	35.48200	.6659229	.3050888	.0447613	.1602551
#1	.3625896	-.000695	.0194759	31.26380	.1633818	.1897853
#2	.3646054	-.000459	.0193814	31.45514	.1632546	.1903944
#3	.3651492	-.000347	.0196381	31.35831	.1632559	.1901018

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.143706**	**319.6120**	**.9258064**	**44.04574**	**.8084365**	**.0109246**
Stddev	.019179	.7946	.0042542	.07768	.0012055	.0004253
%RSD	1.676916	.2486169	.4595136	.1763535	.1491095	3.892829
#1	1.123425	318.7299	.9211257	43.99079	.8080060	.0104359
#2	1.161550	319.8342	.9268559	44.13461	.8075053	.0112111
#3	1.146143	320.2719	.9294377	44.01182	.8097981	.0111266

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2621508**	**.1478088**	**.6445850**	**10.78829**	F **11.73472**	**1.302883**
Stddev	.2029694	.0032246	.0030634	.08364	.02489	.002728
%RSD	77.42466	2.181596	.4752580	.7752398	.2120948	.2093707
#1	.2364250	.1450089	.6429161	10.69867	11.76233	1.301357
#2	.4767567	.1513344	.6481205	10.80196	11.72781	1.301260
#3	.0732708	.1470831	.6427184	10.86426	11.71400	1.306032

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: Q1135-14 Acquired: 1/24/2025 22:50:04 Type: Unk
Method: EPA SFAM01.0(v55) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: YE8E6 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0421916	F 153.6287	2.411258	.0026651	.1018255	.1587452
Stddev	.0004462	.1038	.044816	.0011589	.0007202	.0008378
%RSD	1.057492	.0675343	1.858630	43.48395	.7073209	.5277567
#1	.0417059	153.7404	2.368200	.0013306	.1010246	.1579246
#2	.0425834	153.5352	2.457647	.0032462	.1024201	.1587117
#3	.0422854	153.6106	2.407927	.0034185	.1020317	.1595992

Elem	Sr4077
Units	ppm
Avg	.3577949
Stddev	.0017822
%RSD	.4981168
#1	.3558908
#2	.3580708
#3	.3594231

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3682.478	74707.96	11616.51	2585.370	4141.362
Stddev	9.251	189.96	172.53	4.188	7.117
%RSD	.2512091	.2542688	1.485180	.1619805	.1718595
#1	3671.958	74507.28	11730.81	2580.536	4134.266
#2	3689.345	74731.60	11418.05	2587.683	4148.501
#3	3686.131	74884.99	11700.66	2587.891	4141.319

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: Q1135-15 Acquired: 1/24/2025 22:54:00 Type: Unk
Method: EPA SFAM01.0(v55) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: YE8E7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.300788**	**-.002481**	**.1099212**	**.0943528**	**.0401149**	**131.2617**
Stddev	.005845	.001164	.0005158	.0025931	.0011221	.6291
%RSD	.4493060	46.92486	.4692161	2.748292	2.797194	.4792729
#1	1.294095	-.003484	.1102404	.0933123	.0388199	131.7048
#2	1.303379	-.002755	.1101971	.0924416	.0407240	131.5388
#3	1.304888	-.001204	.1093262	.0973046	.0408006	130.5417

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.3131177**	**.0007686**	**.0275517**	**28.11333**	**.4239799**	**.2001617**
Stddev	.0019265	.0001575	.0000309	.18542	.0003046	.0008718
%RSD	.6152767	20.49662	.1120037	.6595366	.0718398	.4355369
#1	.3149181	.0006990	.0275186	28.23387	.4236465	.1997770
#2	.3133491	.0006578	.0275569	28.20630	.4240495	.1995485
#3	.3110859	.0009490	.0275797	27.89982	.4242436	.2011597

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.6410864**	**371.3963**	**1.691289**	**90.35372**	**.9550806**	**.0096774**
Stddev	.0033256	1.6768	.011361	.50341	.0035637	.0004833
%RSD	.5187460	.4514803	.6717299	.5571599	.3731348	4.993684
#1	.6376148	372.3345	1.696241	90.37669	.9535332	.0097323
#2	.6442436	372.3940	1.699333	90.84526	.9525520	.0101308
#3	.6414008	369.4604	1.678292	89.83921	.9591564	.0091690

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.4852750**	**.3570017**	**2.128665**	**6.901171**	F **10.36785**	**1.508129**
Stddev	.2962619	.0002890	.018571	.059021	.01170	.010365
%RSD	61.05032	.0809553	.8724430	.8552257	.1128688	.6872526
#1	.6552064	.3569214	2.148735	6.925083	10.35712	1.514861
#2	.1431836	.3567614	2.125172	6.944484	10.36611	1.513334
#3	.6574349	.3573224	2.112089	6.833947	10.38033	1.496194

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: Q1135-15 Acquired: 1/24/2025 22:54:00 Type: Unk
Method: EPA SFAM01.0(v55) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: YE8E7 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0234974	F 77.78837	1.473844	.0035820	.1892432	.2431485
Stddev	.0001992	.14229	.006811	.0013500	.0009962	.0021705
%RSD	.8478922	.1829236	.4621321	37.68837	.5263937	.8926494
#1	.0235643	77.65968	1.480464	.0020257	.1884675	.2424071
#2	.0236546	77.76424	1.474211	.0042832	.1888955	.2455925
#3	.0232734	77.94119	1.466856	.0044372	.1903666	.2414458

Elem	Sr4077
Units	ppm
Avg	.2039013
Stddev	.0013281
%RSD	.6513376
#1	.2050982
#2	.2041330
#3	.2024726

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3702.985	75686.13	11996.07	2625.218	4006.923
Stddev	6.889	128.84	54.07	5.501	10.626
%RSD	.1860317	.1702344	.4507043	.2095588	.2651868
#1	3709.037	75753.72	12051.48	2620.789	4010.041
#2	3704.431	75537.55	11993.29	2631.377	4015.642
#3	3695.489	75767.11	11943.45	2623.489	3995.088

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: Q1135-16 Acquired: 1/24/2025 22:58:01 Type: Unk
Method: EPA SFAM01.0(v55) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: YE8E8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1566257**	**-.004822**	**.1224123**	**.0998991**	**.0373490**	**128.1674**
Stddev	.0011363	.001312	.0012475	.0018185	.0021196	1.5601
%RSD	.7254875	27.21549	1.019055	1.820367	5.675215	1.217268
#1	.1572789	-.005536	.1215551	.0978148	.0379317	129.1808
#2	.1553136	-.003308	.1218384	.1007200	.0391164	128.9506
#3	.1572845	-.005623	.1238434	.1011624	.0349990	126.3708

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.5306361**	**.0010257**	**.0255405**	**27.27265**	**.3273286**	**.1618607**
Stddev	.0055872	.0001055	.0005552	.32310	.0043083	.0015658
%RSD	1.052922	10.28392	2.173724	1.184708	1.316190	.9673712
#1	.5336184	.0009563	.0253184	27.48759	.3284646	.1615972
#2	.5340994	.0009737	.0251307	27.42927	.3309551	.1604434
#3	.5241906	.0011471	.0261723	26.90109	.3225662	.1635415

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.6001745**	**358.7955**	**2.814159**	**82.35846**	**.7556758**	**.0112497**
Stddev	.0041785	3.9372	.028933	1.00717	.0069551	.0005566
%RSD	.6962151	1.097333	1.028126	1.222906	.9203768	4.947805
#1	.6049991	361.0889	2.834475	82.92779	.7525561	.0115228
#2	.5977094	361.0482	2.826971	82.95202	.7508268	.0106093
#3	.5978152	354.2493	2.781032	81.19557	.7636445	.0116171

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.6284499**	**.2759031**	**1.664588**	**12.33526**	**8.587277**	**1.464936**
Stddev	.2526702	.0029457	.016637	.12201	.085063	.018860
%RSD	40.20531	1.067650	.9994944	.9891193	.9905664	1.287439
#1	.3912320	.2763093	1.678518	12.43874	8.544672	1.475824
#2	.5999601	.2727754	1.669081	12.36631	8.531935	1.475826
#3	.8941575	.2786246	1.646166	12.20072	8.685223	1.443158

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: Q1135-16 Acquired: 1/24/2025 22:58:01 Type: Unk
Method: EPA SFAM01.0(v55) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: YE8E8 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0343197	F 81.45331	1.770209	.0127537	2.781450	.1832449
Stddev	.0004349	.74477	.006060	.0001681	.005581	.0023376
%RSD	1.267188	.9143480	.3423085	1.317772	.2006422	1.275654
#1	.0347323	81.08977	1.768176	.0129316	2.785970	.1838497
#2	.0343611	80.96013	1.765427	.0125976	2.775212	.1852206
#3	.0338655	82.31003	1.777024	.0127320	2.783167	.1806643

Elem	Sr4077
Units	ppm
Avg	.1000038
Stddev	.0010844
%RSD	1.084332
#1	.1009475
#2	.1002445
#3	.0988193

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3648.716	75316.96	11994.64	2619.851	3927.500
Stddev	25.594	809.58	11.70	24.599	31.480
%RSD	.7014439	1.074892	.0975039	.9389469	.8015373
#1	3651.226	74960.62	12007.62	2604.316	3932.214
#2	3672.961	74746.68	11991.36	2607.024	3956.357
#3	3621.959	76243.58	11984.93	2648.212	3893.928

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: Q1135-17 Acquired: 1/24/2025 23:01:55 Type: Unk
Method: EPA SFAM01.0(v55) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: YE8D2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0442722	.0002793	.1082739	.0486434	.0209689	98.67590	.2978408
Stddev	.0013395	.0008958	.0011758	.0035214	.0010187	.28264	.0023092
%RSD	3.025483	320.7415	1.085923	7.239300	4.857904	.2864330	.7753073
#1	.0456634	.0012845	.1072894	.0526658	.0197937	98.57499	.2993767
#2	.0441620	-.000435	.1095758	.0471479	.0215988	98.99514	.2989605
#3	.0429913	-.000012	.1079565	.0461165	.0215143	98.45756	.2951852

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000205	.0033023	9.637099	.0547861	.0580619	.2681084	191.2992
Stddev	.0000840	.0001562	.009416	.0001213	.0003108	.0022563	.5340
%RSD	409.6057	4.728559	.0977065	.2213528	.5353347	.8415453	.2791180
#1	.0001165	.0032478	9.627142	.0548671	.0577282	.2703281	190.9931
#2	-.000016	.0031807	9.645860	.0548446	.0581142	.2658173	191.9157
#3	-.000039	.0034784	9.638295	.0546467	.0583432	.2681796	190.9888

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8406517	76.75772	.1796751	.0045365	-.140685	.0207423	.7995132
Stddev	.0030334	.18234	.0004272	.0001130	.528887	.0015173	.0035438
%RSD	.3608333	.2375582	.2377480	2.491601	375.9378	7.314818	.4432393
#1	.8439308	76.61261	.1791964	.0044687	.400445	.0190501	.8008992
#2	.8400782	76.96240	.1798118	.0046669	-.166084	.0211954	.8021544
#3	.8379460	76.69816	.1800172	.0044737	-.656415	.0219814	.7954859

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.494668	2.547187	.7714441	.0172750	8.136075	1.553348	.0021056
Stddev	.057263	.010126	.0024340	.0001237	.021761	.014936	.0005724
%RSD	1.274026	.3975370	.3155111	.7160970	.2674688	.9615264	27.18731
#1	4.459566	2.535573	.7708389	.0171835	8.118917	1.570087	.0027646
#2	4.560747	2.551825	.7741236	.0174157	8.128756	1.548576	.0017314
#3	4.463691	2.554164	.7693699	.0172257	8.160553	1.541382	.0018208

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: Q1135-17 Acquired: 1/24/2025 23:01:55 Type: Unk
Method: EPA SFAM01.0(v55) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: YE8D2 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0961446	.2170581	.0631429
Stddev	.0016799	.0016319	.0003980
%RSD	1.747218	.7518177	.6303795
#1	.0972366	.2151738	.0631643
#2	.0942102	.2180073	.0635299
#3	.0969869	.2179932	.0627347

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3460.510	71539.45	11095.81	2492.182	3980.813
Stddev	4.397	170.64	31.16	7.680	5.307
%RSD	.1270507	.2385320	.2807857	.3081651	.1333094
#1	3464.937	71682.66	11101.89	2495.705	3984.738
#2	3460.450	71350.64	11123.48	2483.373	3982.926
#3	3456.144	71585.06	11062.06	2497.469	3974.775

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: Q1135-18 Acquired: 1/24/2025 23:05:53 Type: Unk
Method: EPA SFAM01.0(v55) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: YE8D4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.3948402**	**-.006338**	**.1599108**	**.0840084**	**.0523526**	**107.0972**	**1.111996**
Stddev	.0018774	.003566	.0016144	.0040396	.0014300	.6171	.005746
%RSD	.4754939	56.27083	1.009549	4.808520	2.731422	.5762018	.5167014
#1	.3968864	-.002336	.1616945	.0884716	.0539591	107.6609	1.114873
#2	.3944374	-.007498	.1585498	.0829507	.0512190	106.4379	1.105380
#3	.3931969	-.009179	.1594883	.0806030	.0518796	107.1926	1.115734

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0036545**	**.0077989**	**24.88925**	**.2838937**	**.4537234**	**.5494527**	**375.6039**
Stddev	.0001921	.0001034	.07581	.0000565	.0014008	.0005027	1.9291
%RSD	5.255775	1.326308	.3046025	.0198997	.3087297	.0914910	.5136066
#1	.0034370	.0076797	24.93492	.2838818	.4537840	.5499219	377.3542
#2	.0037259	.0078517	24.80174	.2839552	.4522932	.5489221	373.5355
#3	.0038007	.0078654	24.93110	.2838441	.4550928	.5495142	375.9219

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**4.581678**	**48.87200**	**.5587074**	**.0097585**	**.3372406**	**.2719758**	**.7002460**
Stddev	.018824	.14798	.0011474	.0005321	.3787054	.0019198	.0032102
%RSD	.4108493	.3027963	.2053717	5.452548	112.2953	.7058868	.4584338
#1	4.584252	49.01695	.5584111	.0100964	.6139950	.2741861	.6973504
#2	4.561700	48.72116	.5577371	.0091451	-.094348	.2707231	.7036980
#3	4.599083	48.87791	.5599739	.0100339	.492075	.2710183	.6996896

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.425496**	**4.183430**	**1.513498**	**.0106683**	**.4924694**	**1.189264**	**.0055849**
Stddev	.027684	.022656	.012089	.0004000	.0073163	.003723	.0008973
%RSD	1.942087	.5415612	.7987593	3.749494	1.485632	.3130303	16.06733
#1	1.393929	4.179259	1.525317	.0108657	.4861342	1.185109	.0061925
#2	1.436909	4.163150	1.501156	.0102080	.4907968	1.190386	.0045542
#3	1.445649	4.207882	1.514021	.0109312	.5004771	1.192297	.0060078

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: Q1135-18 Acquired: 1/24/2025 23:05:53 Type: Unk
Method: EPA SFAM01.0(v55) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: YE8D4 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.3577928	.1034870	.2048586
Stddev	.0026838	.0015001	.0011352
%RSD	.7501039	1.449513	.5541569
#1	.3553136	.1038279	.2054909
#2	.3574221	.1018459	.2035480
#3	.3606427	.1047874	.2055368

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3683.692	76020.90	11864.33	2648.350	4007.431
Stddev	5.008	253.50	31.32	3.529	7.085
%RSD	.1359613	.3334646	.2639670	.1332483	.1767853
#1	3682.120	75857.09	11898.77	2646.489	4007.593
#2	3689.298	76312.90	11837.56	2652.420	4014.433
#3	3679.659	75892.72	11856.66	2646.142	4000.267

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: Q1135-19 Acquired: 1/24/2025 23:09:57 Type: Unk
Method: EPA SFAM01.0(v55) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: YE8C3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4512682	-.005535	.1725738	.1284163	.0730814	165.3673	.6134213
Stddev	.0036829	.000987	.0008565	.0037461	.0014191	1.0094	.0042336
%RSD	.8161184	17.83972	.4963166	2.917146	1.941740	.6103859	.6901534
#1	.4536552	-.005672	.1720346	.1290693	.0745880	165.8770	.6169730
#2	.4470267	-.004487	.1735615	.1243866	.0717701	164.2047	.6087365
#3	.4531228	-.006447	.1721254	.1317929	.0728862	166.0202	.6145544

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002151	.0130040	26.89793	.3063630	.2314801	.6446458	508.2930
Stddev	.0001648	.0000773	.18072	.0013767	.0004593	.0015490	3.1406
%RSD	76.65130	.5942958	.6718588	.4493842	.1984378	.2402946	.6178776
#1	.0000261	.0129199	27.08705	.3078276	.2310935	.6461719	511.6474
#2	.0003293	.0130720	26.72699	.3061660	.2313589	.6430748	507.8095
#3	.0002897	.0130199	26.87975	.3050953	.2319879	.6446908	505.4222

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.617022	78.55931	.7827849	.0127310	.6940899	.2620895	1.081662
Stddev	.035313	.46219	.0013261	.0007268	.4297022	.0018879	.002123
%RSD	.7648487	.5883325	.1694056	5.709200	61.90872	.7203132	.1962345
#1	4.653333	78.98677	.7815654	.0132503	1.142845	.2612050	1.083312
#2	4.582800	78.06885	.7841966	.0130424	.653039	.2642572	1.079268
#3	4.614934	78.62232	.7825928	.0119004	.286387	.2608063	1.082408

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.037903	8.864045	2.061017	.0304958	.6971995	1.479116	.0059335
Stddev	.100242	.017700	.014575	.0004349	.0063757	.009986	.0003207
%RSD	1.247119	.1996791	.7071896	1.426081	.9144748	.6751644	5.404567
#1	8.092088	8.874007	2.077578	.0309738	.7020794	1.490645	.0062567
#2	7.922230	8.843609	2.055337	.0301235	.6995334	1.473151	.0056154
#3	8.099391	8.874518	2.050138	.0303902	.6899857	1.473552	.0059284

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: Q1135-19 Acquired: 1/24/2025 23:09:57 Type: Unk
Method: EPA SFAM01.0(v55) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: YE8C3 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1961406	.2630622	.2526687
Stddev	.0019563	.0016439	.0023919
%RSD	.9973851	.6249278	.9466625
#1	.1964308	.2640040	.2546026
#2	.1940554	.2611640	.2499940
#3	.1979355	.2640187	.2534094

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3792.741	76001.38	12003.24	2625.725	4011.016
Stddev	2.074	295.36	90.85	3.794	3.199
%RSD	.0546719	.3886292	.7568599	.1444895	.0797523
#1	3791.289	75664.25	11999.92	2623.505	4014.075
#2	3795.116	76214.61	11914.09	2623.564	4007.694
#3	3791.819	76125.30	12095.70	2630.106	4011.279

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: Q1135-21 Acquired: 1/24/2025 23:14:00 Type: Unk
Method: EPA SFAM01.0(v55) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: YE8D0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0838700	.0001701	.1637529	.0709697	.0401244	143.5921	.8195557
Stddev	.0034651	.0022371	.0006850	.0041262	.0024053	.0510	.0026172
%RSD	4.131507	1314.822	.4183032	5.814034	5.994557	.0354884	.3193454
#1	.0877089	.0023114	.1645230	.0739180	.0408894	143.5755	.8166638
#2	.0809737	.0003510	.1632116	.0662542	.0420541	143.6493	.8202418
#3	.0829274	-.002152	.1635242	.0727368	.0374296	143.5515	.8217615

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0009122	.0049380	29.51429	.3430516	.1266449	.3066076	307.4698
Stddev	.0001083	.0000772	.09305	.0006667	.0005971	.0010253	.4880
%RSD	11.87564	1.564302	.3152860	.1943467	.4714640	.3344037	.1587151
#1	.0008105	.0049790	29.41427	.3424890	.1265237	.3057504	306.9313
#2	.0008999	.0049861	29.53028	.3437880	.1272933	.3063290	307.5954
#3	.0010261	.0048489	29.59830	.3428778	.1261177	.3077434	307.8828

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.410214	75.95992	.4601379	.0089310	.9344547	.2647651	.5999837
Stddev	.012902	.05230	.0025140	.0002013	.0424814	.0027850	.0009913
%RSD	.5353195	.0688483	.5463480	2.254481	4.546121	1.051873	.1652145
#1	2.395518	75.90028	.4616574	.0087787	.9485012	.2620234	.6001540
#2	2.415440	75.98156	.4615202	.0088551	.9681340	.2675914	.5989184
#3	2.419683	75.99793	.4572361	.0091593	.8867290	.2646806	.6008788

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.042717	3.530301	1.249040	.0044236	4.324314	1.700858	.0052287
Stddev	.048722	.002617	.001797	.0004339	.005750	.010595	.0005066
%RSD	1.205181	.0741180	.1439010	9.809319	.1329607	.6229325	9.689776
#1	4.002238	3.527289	1.247133	.0044300	4.317816	1.688626	.0058137
#2	4.029121	3.532013	1.249283	.0048543	4.328740	1.707141	.0049274
#3	4.096793	3.531601	1.250703	.0039865	4.326386	1.706809	.0049451

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: Q1135-21 Acquired: 1/24/2025 23:14:00 Type: Unk
Method: EPA SFAM01.0(v55) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: YE8D0 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1834949	.1753298	.6063917
Stddev	.0016059	.0004645	.0016064
%RSD	.8751453	.2649200	.2649081
#1	.1821290	.1750012	.6045550
#2	.1852639	.1751271	.6075340
#3	.1830918	.1758612	.6070863

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3535.546	72061.10	11439.70	2510.900	3963.765
Stddev	16.176	168.34	30.43	2.222	19.594
%RSD	.4575390	.2336044	.2660235	.0884859	.4943385
#1	3527.630	71979.80	11438.93	2508.751	3952.741
#2	3524.851	71948.84	11409.66	2510.761	3952.165
#3	3554.155	72254.65	11470.51	2513.188	3986.388

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: Q1135-22 Acquired: 1/24/2025 23:17:55 Type: Unk
Method: EPA SFAM01.0(v55) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: YE8D5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**3.137829**	**-.003683**	**.1029417**	**.0543917**	**.0202178**	**6.979196**
Stddev	.008588	.001427	.0028682	.0024163	.0014484	.004870
%RSD	.2736959	38.74346	2.786202	4.442363	7.163859	.0697733
#1	3.128566	-.004941	.1018075	.0559142	.0216977	6.979698
#2	3.139393	-.002133	.1008141	.0556552	.0201524	6.974096
#3	3.145527	-.003974	.1062036	.0516056	.0188032	6.983796

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0725811**	**-.000644**	**.0031320**	**85.23718**	**.0170010**	**.0192076**
Stddev	.0000343	.000030	.0000383	.14978	.0000852	.0002673
%RSD	.0472499	4.708315	1.222809	.1757212	.5014261	1.391792
#1	.0725621	-.000630	.0030888	85.31994	.0169028	.0193386
#2	.0726207	-.000679	.0031618	85.06428	.0170555	.0193842
#3	.0725606	-.000623	.0031453	85.32731	.0170447	.0189001

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2701414**	**186.2884**	**2.104468**	**25.31232**	**.0947333**	**.0071826**
Stddev	.0010457	.4312	.007929	.06988	.0000807	.0001803
%RSD	.3871024	.2314508	.3767839	.2760623	.0851954	2.510154
#1	.2693036	186.3032	2.113526	25.28627	.0946512	.0070591
#2	.2698071	185.8500	2.098782	25.25921	.0948125	.0070993
#3	.2713134	186.7119	2.101097	25.39148	.0947361	.0073895

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.023239**	**-.006780**	**.1654776**	**.4903638**	**1.400085**	**.7495982**
Stddev	.349818	.000547	.0011483	.0192622	.007612	.0031736
%RSD	1505.283	8.069181	.6939486	3.928136	.5437098	.4233759
#1	-.258535	-.007389	.1645304	.4682048	1.402933	.7496134
#2	-.189932	-.006622	.1651476	.5031058	1.391459	.7464169
#3	.378749	-.006330	.1667548	.4997810	1.405862	.7527641

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: Q1135-22 Acquired: 1/24/2025 23:17:55 Type: Unk
Method: EPA SFAM01.0(v55) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: YE8D5 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005640	F 104.8791	1.216351	.0006958	.0126333	.0027829
Stddev	.0002389	.4305	.006768	.0003876	.0006398	.0011633
%RSD	42.36112	.4104935	.5564436	55.70040	5.064406	41.80128
#1	.0004270	104.7515	1.222452	.0007726	.0132102	.0034637
#2	.0004250	104.5267	1.217532	.0010393	.0127446	.0014397
#3	.0008398	105.3589	1.209070	.0002756	.0119452	.0034453

Elem	Sr4077
Units	ppm
Avg	.9788624
Stddev	.0043208
%RSD	.4414089
#1	.9835414
#2	.9750231
#3	.9780228

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3515.286	72077.60	11174.08	2482.880	4139.228
Stddev	5.540	77.35	39.27	4.976	8.287
%RSD	.1575981	.1073105	.3514735	.2004090	.2002184
#1	3521.465	72025.97	11208.93	2483.472	4147.580
#2	3513.630	72166.53	11131.52	2477.634	4139.098
#3	3510.762	72040.31	11181.78	2487.533	4131.007

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: PB166196BL Acquired: 1/24/2025 23:21:54 Type: Unk
Method: EPA SFAM01.0(v55) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: PBS196 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000927**	**-.000859**	**-.000679**	**.0019280**	**-.000276**	**.0003802**
Stddev	.002217	.000542	.000889	.0018683	.001382	.0040288
%RSD	239.1631	63.09938	130.9444	96.90341	500.5378	1059.587
#1	-.002388	-.001125	-.000822	.0030761	.000164	-.001551
#2	.001624	-.001216	-.001489	-.000228	-.001825	-.002319
#3	-.002016	-.000235	.000273	.002936	.000833	.005011

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.008321**	**-.000010**	**.0000282**	**.0069590**	**-.000126**	**-.000168**
Stddev	.000548	.000042	.0000385	.0020872	.000234	.000197
%RSD	6.581736	413.6223	136.4533	29.99266	186.0954	117.4616
#1	-.007690	-.000023	.0000725	.0093634	-.000250	-.000188
#2	-.008676	.000037	.0000033	.0058987	-.000271	-.000353
#3	-.008597	-.000043	.0000088	.0056147	.000144	.000039

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.001661**	**.0011832**	**-.000452**	**-.007680**	**.0000640**	**.0002584**
Stddev	.002031	.0012286	.000079	.009916	.0001264	.0001321
%RSD	122.2437	103.8413	17.54771	129.1142	197.5259	51.11940
#1	-.000174	.0020292	-.000396	-.006026	-.000025	.0001434
#2	-.000835	-.000226	-.000417	.001305	.000008	.0004026
#3	-.003975	.001746	-.000543	-.018320	.000209	.0002291

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0408781**	**-.000538**	**-.000704**	**-.254344**	**.0033326**	F **-.013423**
Stddev	.1998919	.001253	.000649	.080136	.0012917	.000158
%RSD	488.9951	233.0004	92.10714	31.50687	38.75857	1.178769
#1	-.095521	.000074	-.000010	-.253335	.0019479	-.013595
#2	-.052178	-.001980	-.000807	-.334979	.0045049	-.013285
#3	.270333	.000292	-.001296	-.174717	.0035449	-.013387

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: PB166196BL Acquired: 1/24/2025 23:21:54 Type: Unk
Method: EPA SFAM01.0(v55) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: PBS196 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000431**	**.0107301**	**.0005754**	**.0000059**	**-.000387**	**-.003393**
Stddev	.000092	.0029202	.0013100	.0005799	.000981	.001301
%RSD	21.32345	27.21459	227.6690	9840.370	253.7534	38.33160
#1	-.000386	.0112824	-.000884	.0001539	.000744	-.004158
#2	-.000536	.0133347	.001650	-.000634	-.000891	-.001891
#3	-.000370	.0075733	.000960	.000497	-.001013	-.004130

Elem	Sr4077
Units	ppm
Avg	**.0000159**
Stddev	.0000223
%RSD	140.3655
#1	.0000417
#2	.0000034
#3	.0000027

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**3521.588**	**72403.44**	**10632.16**	**2518.989**	**4332.570**
Stddev	6.020	157.10	19.35	7.881	8.898
%RSD	.1709425	.2169852	.1819577	.3128753	.2053695
#1	3519.392	72222.65	10616.94	2523.237	4333.614
#2	3516.974	72506.78	10625.60	2523.835	4323.196
#3	3528.397	72480.90	10653.93	2509.895	4340.900

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: PB166196BS Acquired: 1/24/2025 23:26:04 Type: Unk
Method: EPA SFAM01.0(v55) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCS196 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0176968	.0499861	.0175701	.0610394	.1038807	.3540356	.3488141
Stddev	.0003300	.0004062	.0006574	.0019141	.0009225	.0088692	.0023311
%RSD	1.864855	.8125784	3.741507	3.135812	.8880028	2.505160	.6682940
#1	.0179053	.0502640	.0176299	.0605478	.1032181	.3450969	.3493782
#2	.0173163	.0501743	.0168849	.0594191	.1034897	.3541763	.3462527
#3	.0178688	.0495200	.0181956	.0631514	.1049343	.3628336	.3508114

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0097618	.0096854	9.145477	.0206408	.0947238	.0492391	.1997412
Stddev	.0000547	.0000682	.052628	.0001271	.0003207	.0003511	.0078385
%RSD	.5606600	.7038260	.5754587	.6159354	.3385143	.7130164	3.924302
#1	.0097726	.0096444	9.177161	.0206231	.0944586	.0496436	.2087685
#2	.0098102	.0096478	9.084725	.0205235	.0946328	.0490135	.1946595
#3	.0097024	.0097641	9.174544	.0207759	.0950802	.0490602	.1957957

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0280950	8.262993	.0772021	.0182301	9.543151	.1004538	.1112109
Stddev	.0000986	.020586	.0001851	.0002624	.267720	.0019649	.0002608
%RSD	.3508284	.2491394	.2397185	1.439507	2.805364	1.956022	.2345240
#1	.0280025	8.253010	.0771551	.0179427	9.771163	.0985002	.1115113
#2	.0281987	8.249301	.0770450	.0182906	9.609925	.1004314	.1110426
#3	.0280839	8.286667	.0774061	.0184570	9.248363	.1024298	.1110788

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.250220	.0189686	-.012195	.0184285	.1746504	.4455238	.0129904
Stddev	.026356	.0017677	.000159	.0002556	.0039301	.0020434	.0005911
%RSD	.3194526	9.319129	1.305331	1.387140	2.250280	.4586542	4.550449
#1	8.275402	.0209876	-.012023	.0181476	.1702059	.4477752	.0136728
#2	8.222830	.0176994	-.012225	.0186475	.1760784	.4450094	.0126392
#3	8.252430	.0182189	-.012337	.0184905	.1776669	.4437867	.0126591

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: PB166196BS Acquired: 1/24/2025 23:26:04 Type: Unk
Method: EPA SFAM01.0(v55) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCS196 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1992805	.0232487	.1648969
Stddev	.0008001	.0009386	.0011411
%RSD	.4015105	4.037229	.6920278
#1	.1996037	.0225567	.1652239
#2	.1998685	.0228722	.1636280
#3	.1983693	.0243171	.1658389

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3493.522	72592.55	10760.37	2518.312	4232.129
Stddev	6.022	163.34	54.88	2.648	8.329
%RSD	.1723773	.2250096	.5100423	.1051631	.1967960
#1	3498.797	72582.52	10774.30	2519.283	4241.734
#2	3494.809	72760.67	10699.86	2520.337	4227.752
#3	3486.961	72434.46	10806.94	2515.315	4226.901

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: CCV020 Acquired: 1/24/2025 23:30:08 Type: Unk
Method: EPA SFAM01.0(v55) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV020 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**4.568586**	**4.556735**	**23.12205**	**4.587920**	**4.679051**	**392.7964**
Stddev	.019189	.049006	.02918	.022220	.017712	3.3876
%RSD	.4200255	1.075468	.1262112	.4843164	.3785488	.8624211
#1	4.554341	4.542704	23.09289	4.571193	4.672211	389.1290
#2	4.561010	4.516274	23.12200	4.579434	4.665777	393.4518
#3	4.590407	4.611226	23.15126	4.613132	4.699163	395.8084

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**10.08021**	**.4679158**	**2.323809**	**389.5227**	**14.74579**	**2.354047**
Stddev	.13153	.0024392	.004479	3.6083	.03838	.004509
%RSD	1.304816	.5212887	.1927504	.9263386	.2602687	.1915462
#1	9.94744	.4671053	2.320756	385.4789	14.73021	2.349677
#2	10.08273	.4706571	2.321719	392.4137	14.71765	2.353783
#3	10.21047	.4659851	2.328951	390.6756	14.78951	2.358683

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**14.47230**	**398.9029**	**14.77300**	**388.1560**	**2.343307**	**1.238727**
Stddev	.04786	1.1765	.02847	1.3962	.002861	.002770
%RSD	.3306933	.2949311	.1926885	.3596984	.1221134	.2235814
#1	14.51719	398.2555	14.77972	387.6821	2.340618	1.240451
#2	14.47778	398.1923	14.74177	387.0584	2.342989	1.235533
#3	14.42194	400.2609	14.79750	389.7274	2.346315	1.240199

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**371.5762**	**2.362641**	**14.90870**	**146.5510**	**4.720055**	F **5.708254**
Stddev	1.1889	.006719	.05769	.2572	.017798	.011982
%RSD	.3199691	.2843647	.3869373	.1755057	.3770618	.2099034
#1	371.8304	2.369721	14.89561	146.7384	4.703165	5.714324
#2	372.6175	2.361847	14.85868	146.2577	4.718363	5.715987
#3	370.2807	2.356355	14.97180	146.6568	4.738639	5.694452

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: CCV020 Acquired: 1/24/2025 23:30:08 Type: Unk
Method: EPA SFAM01.0(v55) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV020 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**4.610956**	**4.667837**	**4.784476**	**4.680641**	**4.804644**	**4.826273**
Stddev	.016035	.029827	.014813	.010723	.013033	.011888
%RSD	.3477652	.6389922	.3096106	.2290952	.2712604	.2463219
#1	4.599230	4.643818	4.788232	4.669679	4.807184	4.835550
#2	4.604409	4.658469	4.797049	4.681135	4.816221	4.812872
#3	4.629229	4.701223	4.768146	4.691108	4.790528	4.830397

Elem	Sr4077
Units	ppm
Avg	**4.990492**
Stddev	.035773
%RSD	.7168206
#1	5.005839
#2	4.949606
#3	5.016030

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**2870.580**	**60764.79**	**10136.09**	**2079.744**	**3339.230**
Stddev	7.419	112.79	30.21	6.235	4.042
%RSD	.2584366	.1856107	.2980187	.2997890	.1210407
#1	2877.163	60811.15	10136.86	2082.802	3343.684
#2	2872.036	60847.00	10105.50	2083.860	3338.209
#3	2862.541	60636.21	10165.90	2072.571	3335.796

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: CCB020 Acquired: 1/24/2025 23:38:45 Type: Unk
Method: EPA SFAM01.0(v55) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB020 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0011514**	**-.001616**	**-.000454**	**-.000644**	**.0007473**	**.0079301**	**-.007591**
Stddev	.0014475	.001015	.000293	.002549	.0003865	.0070330	.000383
%RSD	125.7180	62.78556	64.57459	396.0561	51.71437	88.68796	5.049932
#1	.0014253	-.002725	-.000333	.001796	.0006886	.0152441	-.007823
#2	.0024423	-.000734	-.000788	-.000437	.0003936	.0012166	-.007149
#3	-.000413	-.001388	-.000240	-.003290	.0011598	.0073295	-.007802

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0000515**	**.0000832**	**.0122226**	**.0001480**	**.0000564**	**.0031007**	**.0134988**
Stddev	.0000573	.0000412	.0029531	.0000566	.0000954	.0015938	.0024835
%RSD	111.3263	49.46428	24.16067	38.21532	169.3524	51.39980	18.39767
#1	.0001170	.0000742	.0139652	.0000940	.0000507	.0028141	.0162539
#2	.0000267	.0001281	.0088130	.0001431	.0001545	.0016697	.0114323
#3	.0000107	.0000473	.0138896	.0002068	-.000036	.0048184	.0128103

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000321**	**.0006182**	**.0002620**	**.0000908**	**.1195228**	**.0015009**	**.0004501**
Stddev	.000401	.0028501	.0001178	.0001409	.0904295	.0006110	.0006927
%RSD	124.7537	461.0745	44.94771	155.1550	75.65881	40.70967	153.9003
#1	-.000335	-.000949	.0003225	.0001957	.0208088	.0010150	.0011296
#2	.000086	-.001105	.0001263	-.000069	.1393983	.0013008	-.000255
#3	-.000715	.003908	.0003373	.000146	.1983612	.0021868	.000476

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.100076**	**.0023447**	**-.007046**	**.0000592**	**.0052375**	**.0031660**	**-.000487**
Stddev	.066373	.0022055	.000184	.0002506	.0031238	.0026631	.000589
%RSD	66.32237	94.06075	2.612652	423.5883	59.64346	84.11556	121.0016
#1	-.095961	.0014244	-.006985	-.000051	.0078594	.0024837	-.001094
#2	-.168411	.0048613	-.006901	-.000118	.0017812	.0009104	.000083
#3	-.035857	.0007485	-.007253	.000346	.0060719	.0061038	-.000450

Reviewed By:Mohan
On:1/27/2025 6:21:46 AM
Inst Id :P4

Sample Name: CCB020 Acquired: 1/24/2025 23:38:45 Type: Unk
Method: EPA SFAM01.0(v55) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB020 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	**-.000737**	**-.002274**	**.0000603**
Stddev	.000363	.000449	.0000304
%RSD	49.21939	19.74910	50.36300
#1	-.000463	-.002775	.0000949
#2	-.001149	-.001908	.0000379
#3	-.000600	-.002140	.0000481

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**3519.734**	**71481.56**	**10626.13**	**2511.986**	**4321.957**
Stddev	5.963	226.73	43.81	.746	5.511
%RSD	.1694285	.3171822	.4122779	.0297167	.1275159
#1	3514.783	71696.61	10577.53	2512.616	4317.292
#2	3518.066	71503.35	10662.59	2512.179	4320.540
#3	3526.355	71244.73	10638.28	2511.161	4328.038