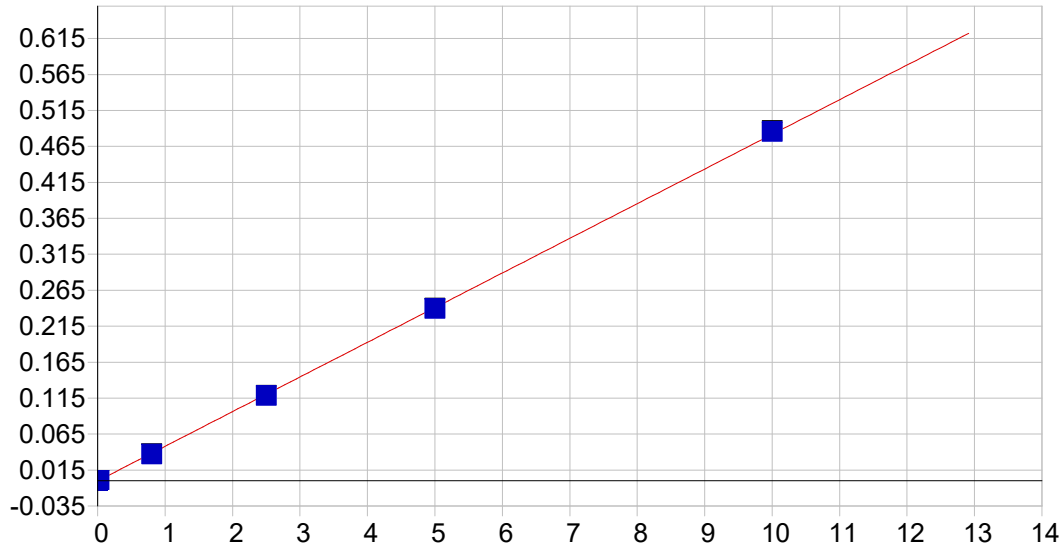
Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424



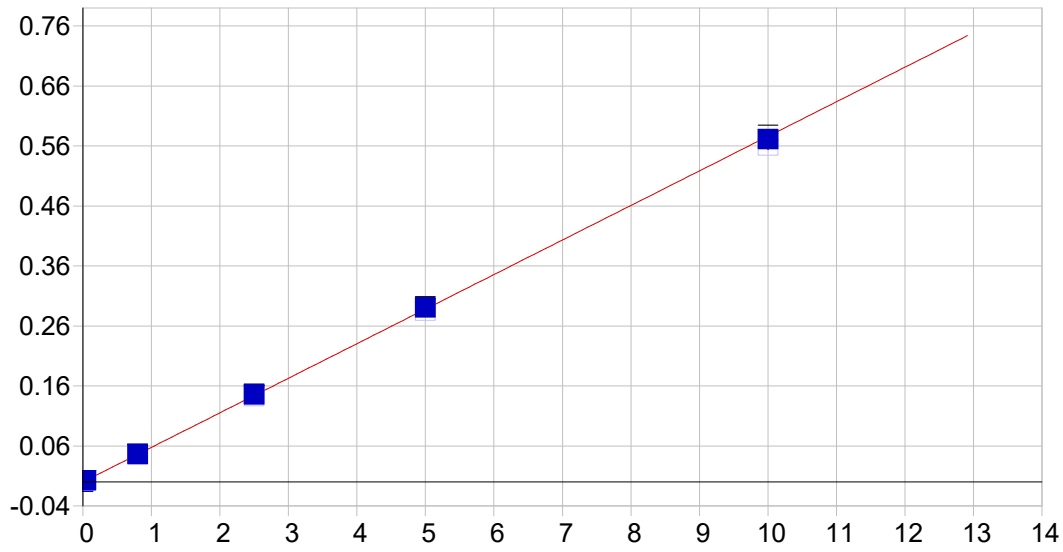
As 189.042 {479}

Date of Fit:	4/14/2025 13:39:04	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000202	Re-Slope:	1.000000
A1 (Gain):	0.048194	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999926	Status:	OK.
Std Error of Est:	0.000014		
Predicted MDL:	0.003056		
Predicted MQL:	0.010185		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00020	.000	1
S1	.02000	.02387	.004	19.4	.00094	.000	1
S3	2.5000	2.4638	-.036	-1.45	.11841	.000	1
S4	5.0000	4.9731	-.027	-.537	.23922	.001	1
S5	10.000	10.082	.082	.817	.48516	.001	1
S2	.80000	.77750	-.022	-2.81	.03723	.000	1

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424



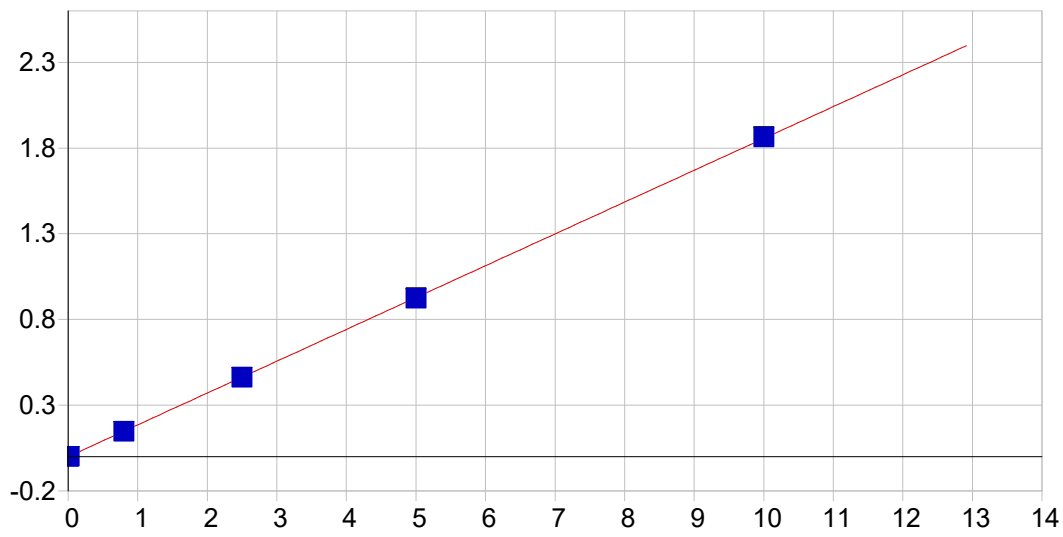
Tl 190.856 {477}

Date of Fit:	4/14/2025 13:39:04	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000072	Re-Slope:	1.000000
A1 (Gain):	0.057613	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999949	Status:	OK.
Std Error of Est:	0.000019		
Predicted MDL:	0.002115		
Predicted MQL:	0.007050		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00007	.000	1
S1	.04000	.04322	.003	8.06	.00227	.000	1
S3	2.5000	2.5326	.033	1.30	.14319	.001	1
S4	5.0000	5.0451	.045	.902	.28529	.002	1
S5	10.000	9.9156	-.084	-.844	.56059	.007	1
S2	.80000	.80359	.004	.448	.04538	.000	1

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424



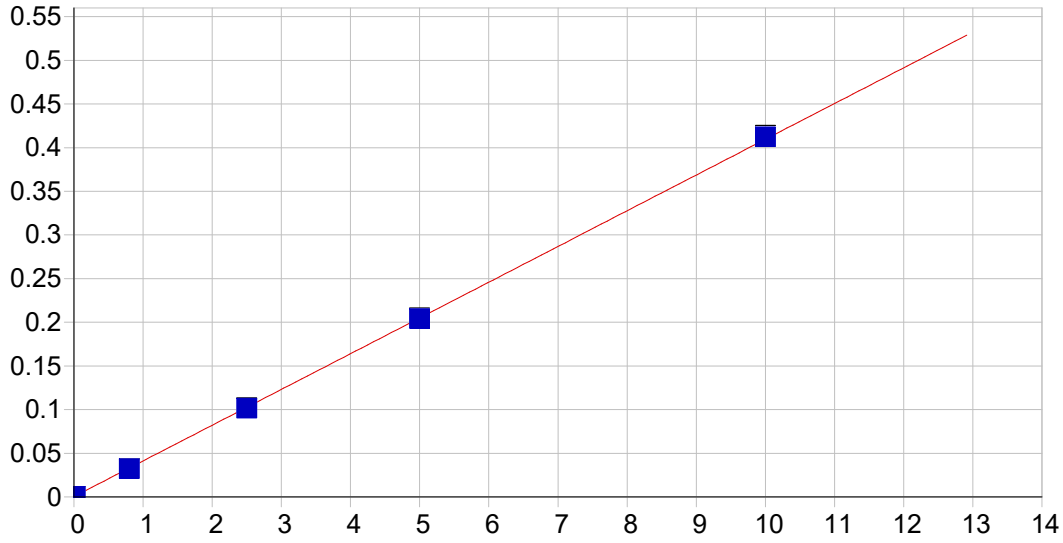
Pb 220.353 {453}

Date of Fit:	4/14/2025 13:39:04	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000280	Re-Slope:	1.000000
A1 (Gain):	0.185627	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999982	Status:	OK.
Std Error of Est:	0.000020		
Predicted MDL:	0.001586		
Predicted MQL:	0.005286		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00028	.000	1
S1	.01200	.01009	-.002	-15.9	.00155	.000	1
S3	2.5000	2.4891	-.011	-.434	.46126	.001	1
S4	5.0000	4.9775	-.023	-.451	.92265	.002	1
S5	10.000	10.041	.041	.411	1.8616	.002	1
S2	.80000	.79413	-.006	-.733	.14697	.000	1

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424



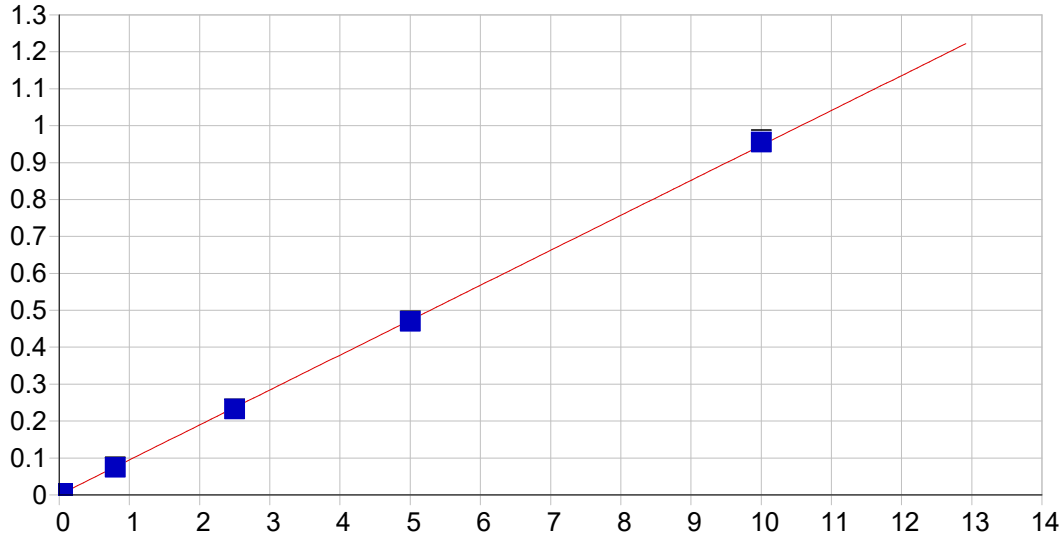
Se 196.090 {472}

Date of Fit:	4/14/2025 13:39:04	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000318	Re-Slope:	1.000000
A1 (Gain):	0.040927	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999953	Status:	OK.
Std Error of Est:	0.000009		
Predicted MDL:	0.003974		
Predicted MQL:	0.013246		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00032	.000	1
S1	.02000	.01786	-.002	-10.7	.00105	.000	1
S3	2.5000	2.4760	-.024	-.961	.10161	.000	1
S4	5.0000	4.9806	-.019	-.389	.20408	.001	1
S5	10.000	10.070	.070	.695	.41228	.002	1
S2	.80000	.77610	-.024	-2.99	.03207	.000	1

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424



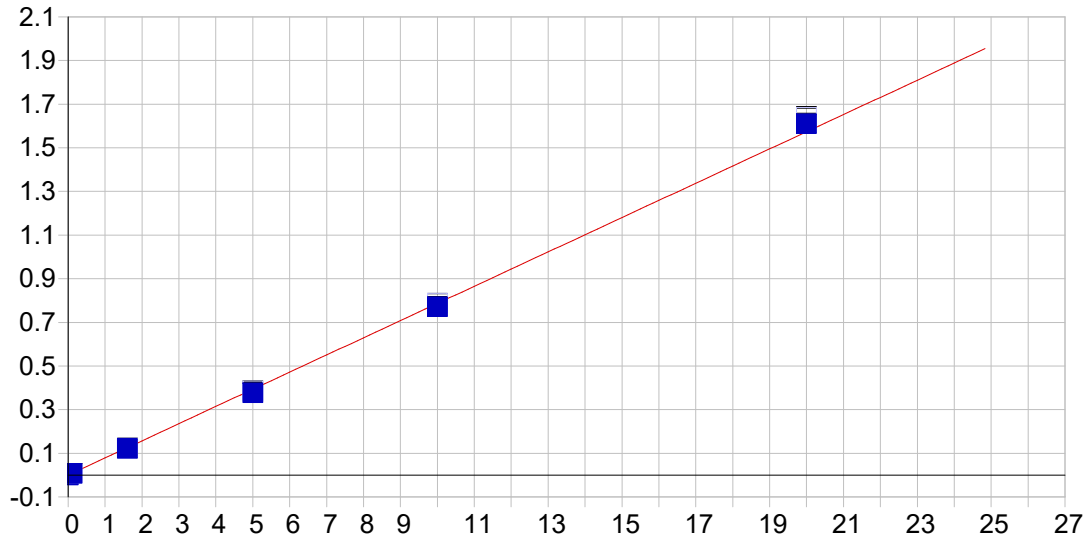
Sb 206.833 {463}

Date of Fit:	4/14/2025 13:39:04	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000236	Re-Slope:	1.000000
A1 (Gain):	0.094612	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999928	Status:	OK.
Std Error of Est:	0.000042		
Predicted MDL:	0.002572		
Predicted MQL:	0.008574		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00024	.000	1
S1	.05000	.05426	.004	8.52	.00538	.000	1
S3	2.5000	2.4523	-.048	-1.91	.23289	.001	1
S4	5.0000	4.9608	-.039	-.783	.47087	.000	1
S5	10.000	10.095	.095	.950	.95791	.004	1
S2	.80000	.78762	-.012	-1.55	.07496	.000	1

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424



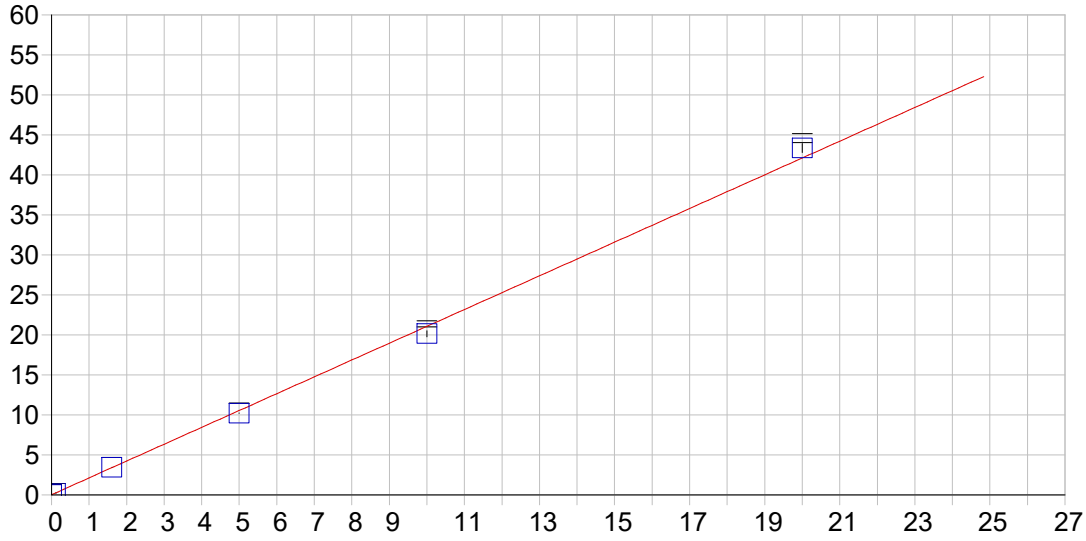
Al 396.152 { 85}

Date of Fit:	4/14/2025 13:39:04	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000143	Re-Slope:	1.000000
A1 (Gain):	0.078693	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999679	Status:	OK.
Std Error of Est:	0.000151		
Predicted MDL:	0.006320		
Predicted MQL:	0.021068		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	-.00014	.000	1
S1	.10000	.09667	-.003	-3.33	.00808	.000	1
S3	5.0000	4.7971	-.203	-4.06	.38499	.000	1
S4	10.000	9.8067	-.193	-1.93	.78685	.001	1
S5	20.000	20.456	.456	2.28	1.6402	.003	1
S2	1.6000	1.5435	-.056	-3.53	.12376	.000	1

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424



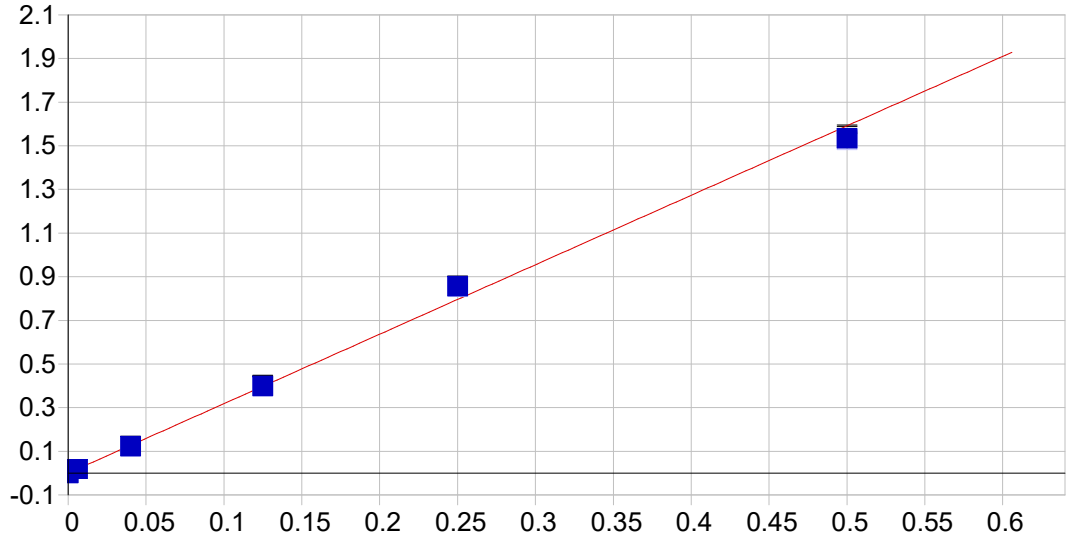
Ba 493.409 { 68}

Date of Fit:	4/14/2025 13:39:04	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.026285	Re-Slope:	1.000000
A1 (Gain):	2.104365	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999432	Status:	OK.
Std Error of Est:	0.005264		
Predicted MDL:	0.001018		
Predicted MQL:	0.003393		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.02630	.002	1
S1	.10000	.09732	-.003	-2.68	.23107	.002	1
S3	5.0000	4.8369	-.163	-3.26	10.205	.016	1
S4	10.000	9.5639	-.436	-4.36	20.152	.384	1
S5	20.000	20.586	.586	2.93	43.347	.555	1
S2	1.6000	1.6156	.016	.976	3.4261	.003	1

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424



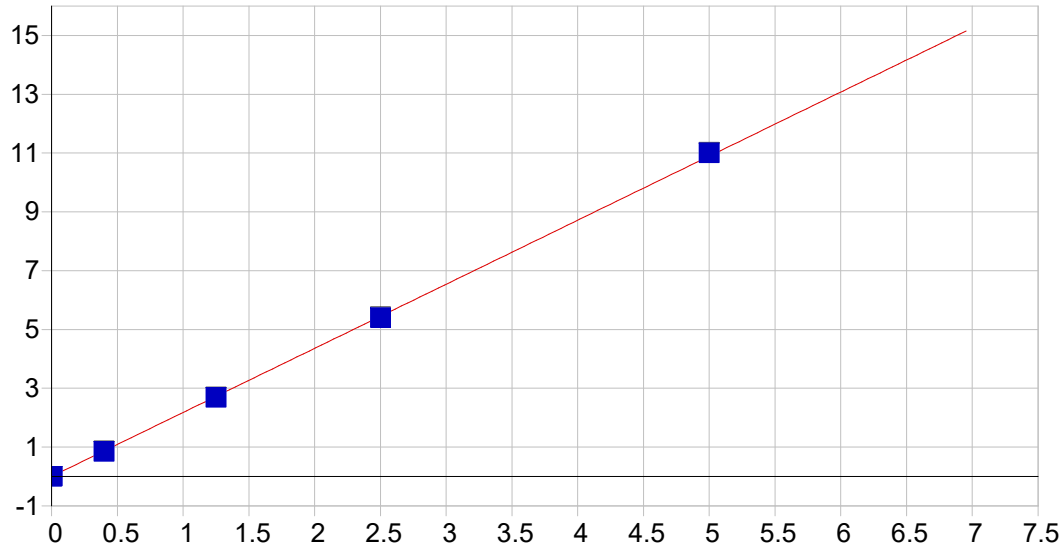
Be 234.861 {144}

Date of Fit:	4/14/2025 13:39:04	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000132	Re-Slope:	1.000000
A1 (Gain):	3.183422	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.998813	Status:	OK.
Std Error of Est:	0.000445		
Predicted MDL:	0.000062		
Predicted MQL:	0.000208		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00013	.000	1
S1	.00600	.00604	.000	.685	.01896	.000	1
S3	.12500	.12548	.000	.383	.39754	.003	1
S4	.25000	.26908	.019	7.63	.85290	.002	1
S5	.50000	.48192	-.018	-3.62	1.5269	.016	1
S2	.04000	.03849	-.002	-3.79	.12181	.001	1

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424



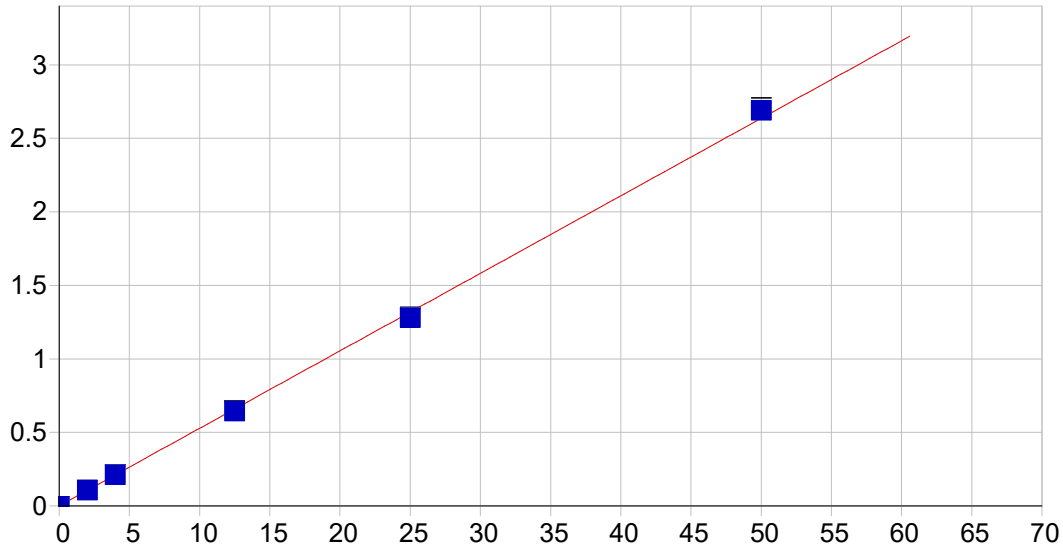
Cd 226.502 {449}

Date of Fit:	4/14/2025 13:39:04	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000053	Re-Slope:	1.000000
A1 (Gain):	2.179277	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999943	Status:	OK.
Std Error of Est:	0.000211		
Predicted MDL:	0.000092		
Predicted MQL:	0.000308		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00005	.000	1
S1	.00600	.00613	.000	2.10	.01347	.000	1
S3	1.2500	1.2334	-.017	-1.33	2.6904	.005	1
S4	2.5000	2.4773	-.023	-.910	5.4035	.019	1
S5	5.0000	5.0473	.047	.947	11.009	.016	1
S2	.40000	.39187	-.008	-2.03	.85481	.002	1

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424



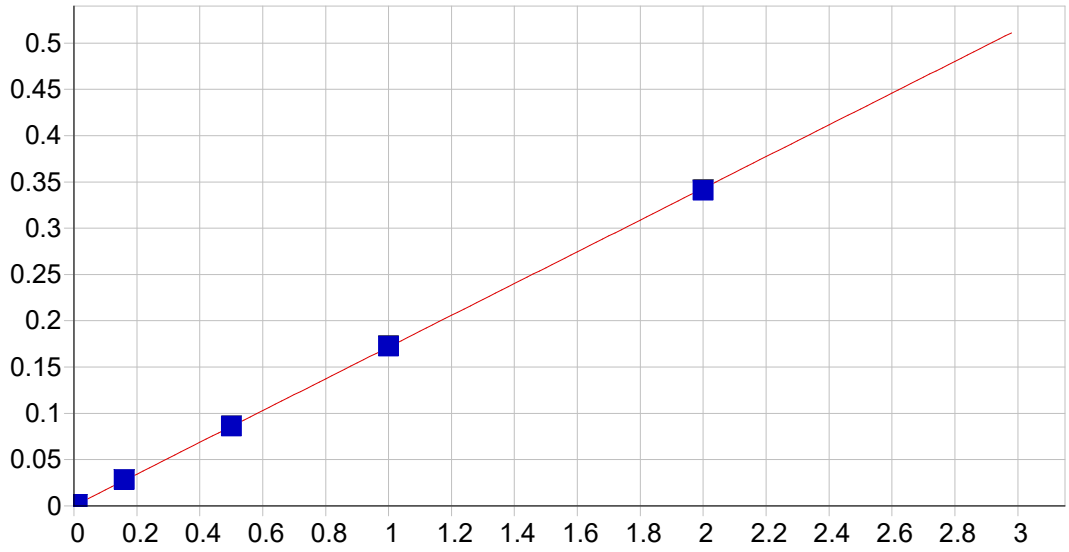
Ca 373.690 { 90}

Date of Fit:	4/14/2025 13:39:04	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000516	Re-Slope:	1.000000
A1 (Gain):	0.052718	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999739	Status:	OK.
Std Error of Est:	0.000637		
Predicted MDL:	0.008534		
Predicted MQL:	0.028447		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00006	.000	.000	.00052	.000	1
S2	4.0000	4.0120	.012	.300	.21202	.000	1
S3	12.500	12.229	-.271	-2.17	.64518	.002	1
S4	25.000	24.253	-.747	-2.99	1.2791	.004	1
S5	50.000	51.013	1.01	2.03	2.6898	.018	1
S1	2.0000	1.9931	-.007	-.343	.10559	.000	1

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424



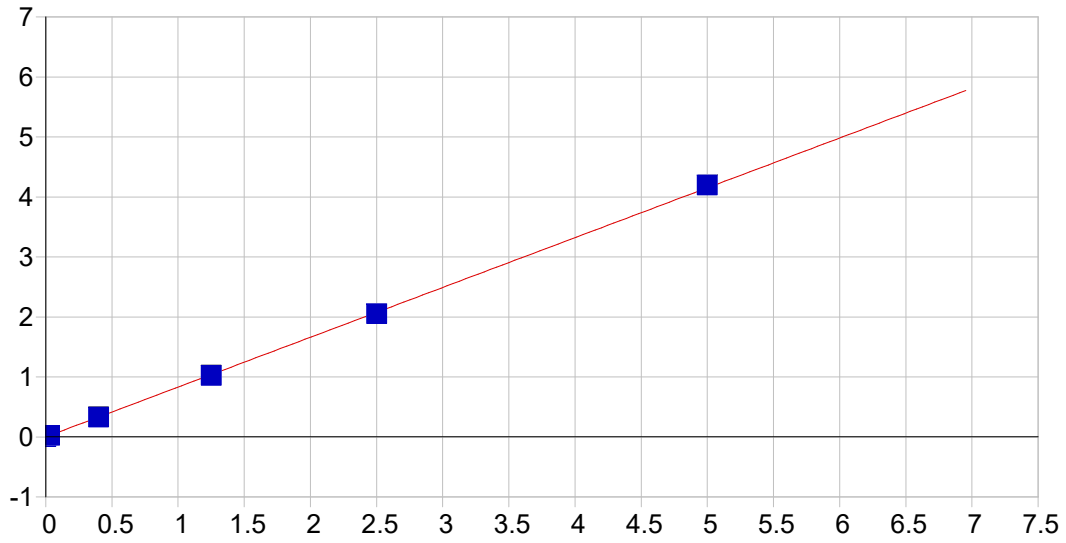
Cr 267.716 {126}

Date of Fit:	4/14/2025 13:39:04	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000100	Re-Slope:	1.000000
A1 (Gain):	0.171487	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999966	Status:	OK.
Std Error of Est:	0.000011		
Predicted MDL:	0.000393		
Predicted MQL:	0.001310		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00010	.000	1
S1	.01000	.00971	-.000	-2.90	.00177	.000	1
S3	.50000	.50229	.002	.458	.08626	.000	1
S4	1.0000	1.0058	.006	.576	.17263	.000	1
S5	2.0000	1.9878	-.012	-.611	.34108	.001	1
S2	.16000	.16447	.004	2.80	.02831	.000	1

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424



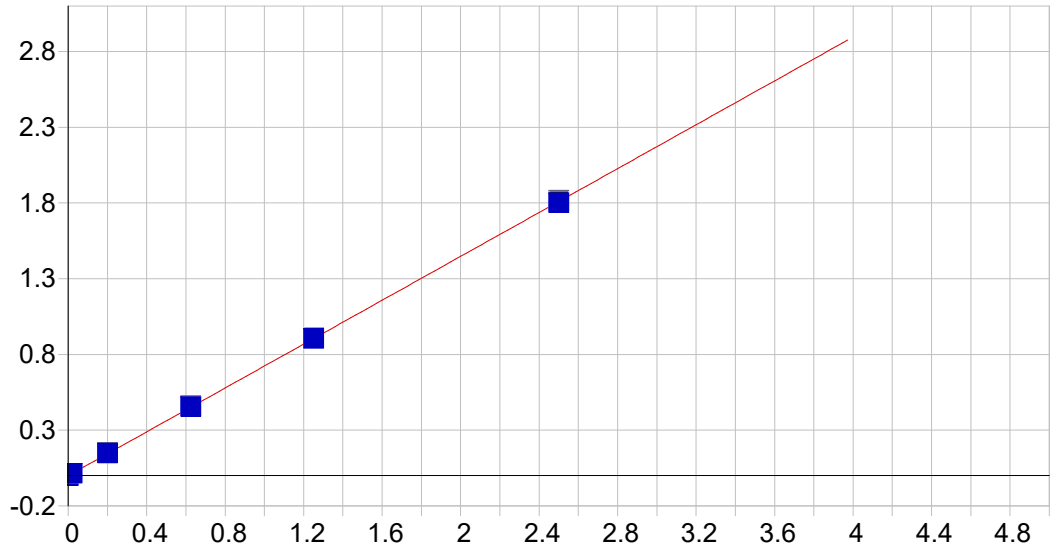
Co 228.616 {448}

Date of Fit:	4/14/2025 13:39:04	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000061	Re-Slope:	1.000000
A1 (Gain):	0.830255	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999931	Status:	OK.
Std Error of Est:	0.000199		
Predicted MDL:	0.000255		
Predicted MQL:	0.000850		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00006	.000	1
S1	.03000	.02949	-.001	-1.70	.02444	.000	1
S3	1.2500	1.2329	-.017	-1.37	1.0254	.001	1
S4	2.5000	2.4699	-.030	-1.21	2.0542	.004	1
S5	5.0000	5.0538	.054	1.08	4.2031	.005	1
S2	.40000	.39393	-.006	-1.52	.32769	.000	1

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424



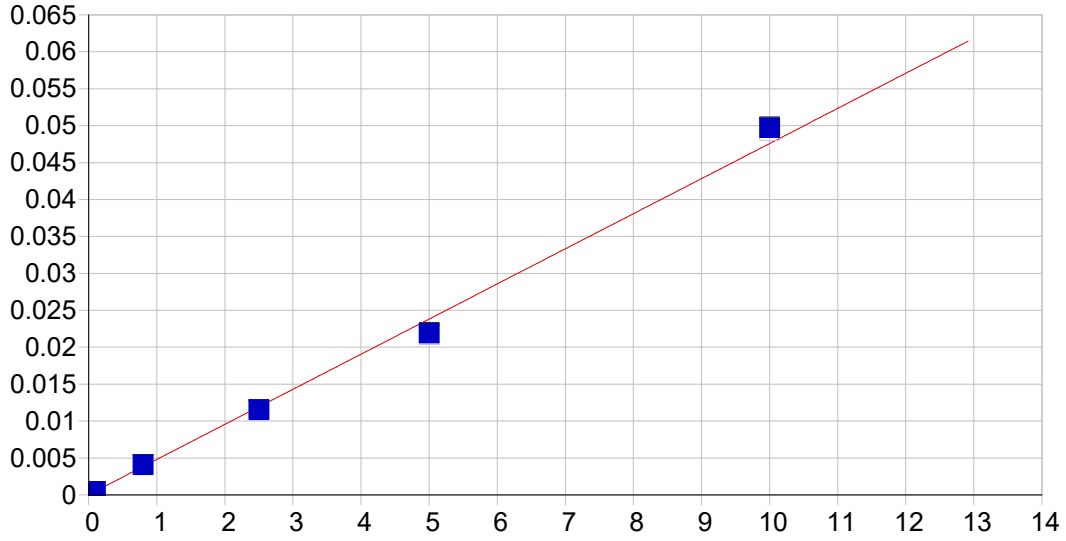
Cu 224.700 {450}

Date of Fit:	4/14/2025 13:39:04	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000707	Re-Slope:	1.000000
A1 (Gain):	0.724108	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999940	Status:	OK.
Std Error of Est:	0.000093		
Predicted MDL:	0.000424		
Predicted MQL:	0.001413		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00071	.000	1
S1	.02000	.02243	.002	12.2	.01568	.000	1
S3	.62500	.63045	.005	.872	.45902	.001	1
S4	1.2500	1.2498	-.000	-.019	.91067	.001	1
S5	2.5000	2.4870	-.013	-.520	1.8130	.004	1
S2	.20000	.20536	.005	2.68	.14902	.001	1

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424



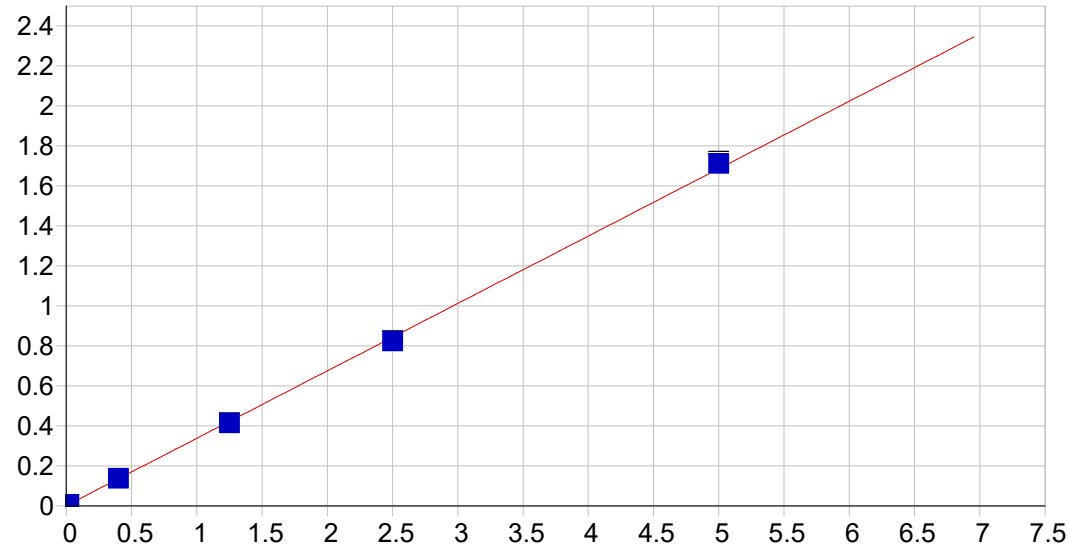
Fe 240.488 {140}

Date of Fit:	4/14/2025 13:39:04	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000041	Re-Slope:	1.000000
A1 (Gain):	0.004754	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.998368	Status:	OK.
Std Error of Est:	0.000014		
Predicted MDL:	0.004779		
Predicted MQL:	0.015930		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00004	.000	1
S1	.10000	.09654	-.003	-3.46	.00049	.000	1
S3	2.5000	2.4123	-.088	-3.51	.01141	.000	1
S4	5.0000	4.5940	-.406	-8.12	.02168	.000	1
S5	10.000	10.450	.450	4.50	.04932	.000	1
S2	.80000	.84684	.047	5.86	.00403	.000	1

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424



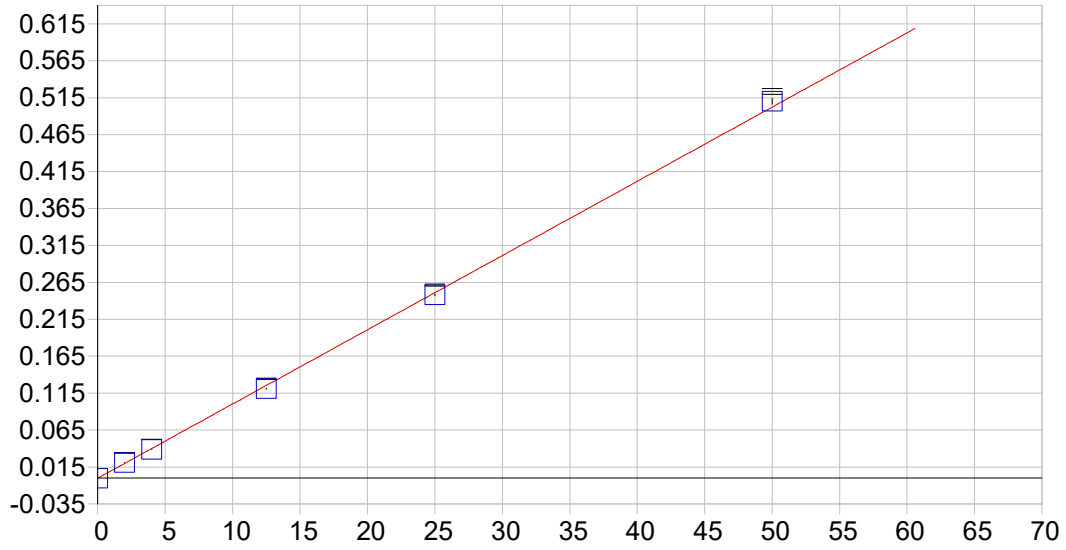
Mn 257.610 {131}

Date of Fit:	4/14/2025 13:39:04	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000884	Re-Slope:	1.000000
A1 (Gain):	0.337187	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999827	Status:	OK.
Std Error of Est:	0.000104		
Predicted MDL:	0.000471		
Predicted MQL:	0.001571		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00088	.000	1
S1	.02000	.02151	.002	7.54	.00814	.000	1
S3	1.2500	1.2257	-.024	-1.94	.41426	.002	1
S4	2.5000	2.4417	-.058	-2.33	.82435	.004	1
S5	5.0000	5.0768	.077	1.54	1.7130	.011	1
S2	.40000	.40433	.004	1.08	.13725	.000	1

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424



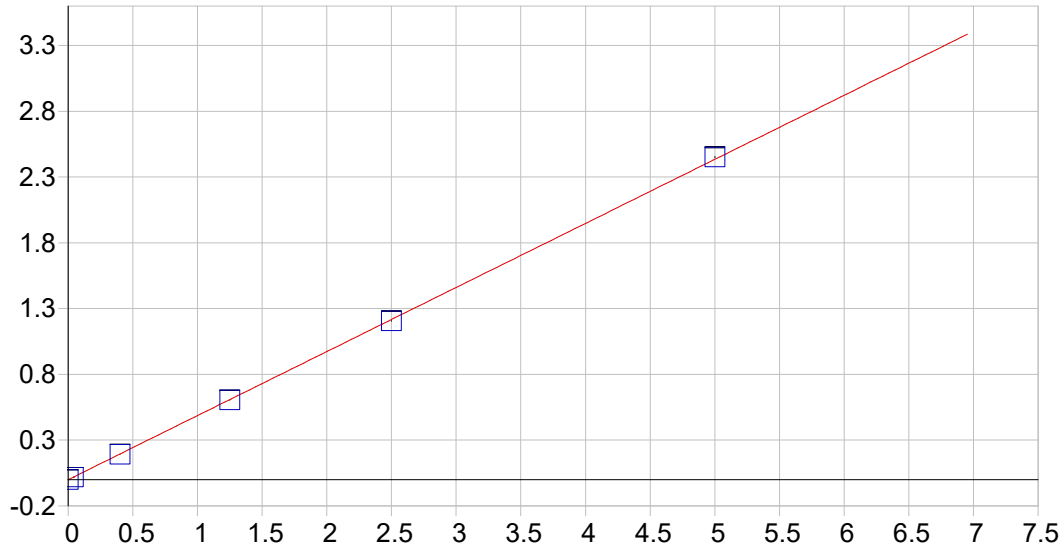
Mg 279.079 {121}

Date of Fit:	4/14/2025 13:39:04	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000275	Re-Slope:	1.000000
A1 (Gain):	0.010050	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999791	Status:	OK.
Std Error of Est:	0.000109		
Predicted MDL:	0.017684		
Predicted MQL:	0.058947		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00003	.000	.000	-.00027	.000	1
S2	4.0000	3.8932	-.107	-2.67	.03885	.000	1
S3	12.500	12.053	-.447	-3.57	.12086	.001	1
S4	25.000	24.686	-.314	-1.25	.24783	.001	1
S5	50.000	50.775	.775	1.55	.51002	.004	1
S1	2.0000	2.0926	.093	4.63	.02076	.000	1

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424



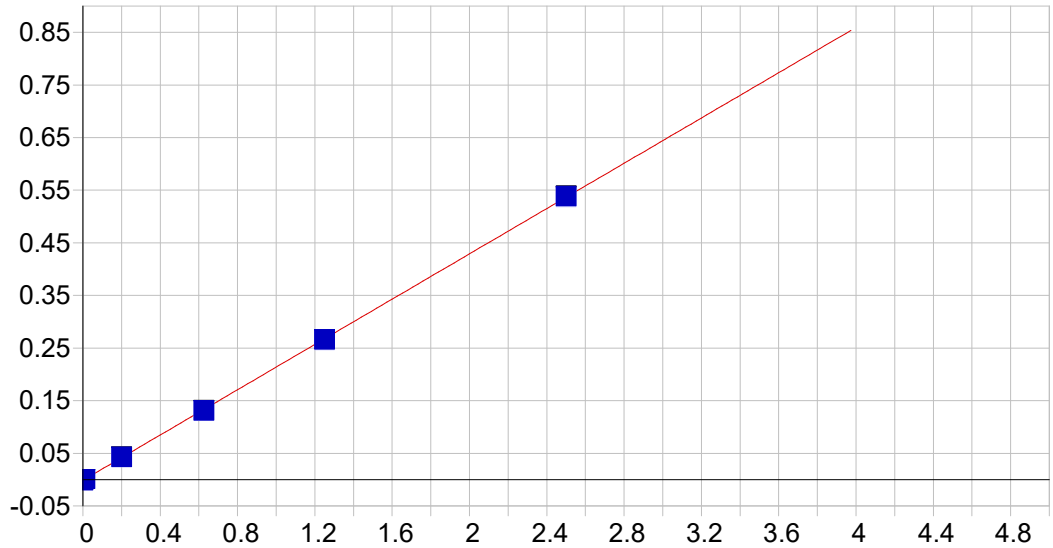
Ni 231.604 {446}

Date of Fit:	4/14/2025 13:39:04	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000303	Re-Slope:	1.000000
A1 (Gain):	0.486980	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999970	Status:	OK.
Std Error of Est:	0.000089		
Predicted MDL:	0.000376		
Predicted MQL:	0.001254		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00030	.000	1
S1	.04000	.03915	-.001	-2.11	.01876	.000	1
S3	1.2500	1.2424	-.008	-.610	.60471	.001	1
S4	2.5000	2.4771	-.023	-.916	1.2060	.003	1
S5	5.0000	5.0350	.035	.700	2.4516	.004	1
S2	.40000	.39638	-.004	-.905	.19273	.001	1

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424



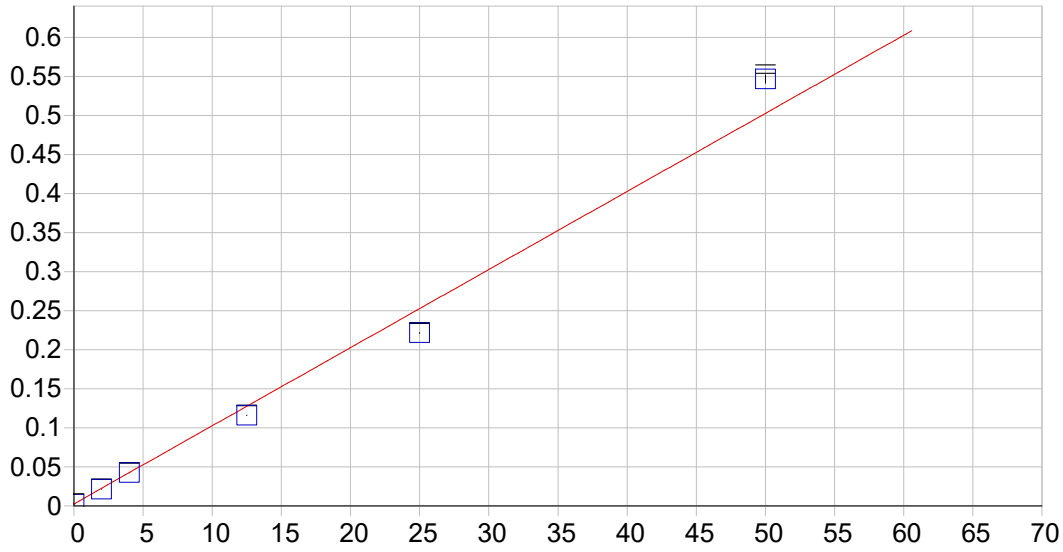
Ag 328.068 {103}

Date of Fit:	4/14/2025 13:39:04	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.001342	Re-Slope:	1.000000
A1 (Gain):	0.215193	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999964	Status:	OK.
Std Error of Est:	0.000015		
Predicted MDL:	0.000408		
Predicted MQL:	0.001360		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00134	.000	1
S1	.01000	.01026	.000	2.63	.00085	.000	1
S3	.62500	.61670	-.008	-1.33	.13083	.000	1
S4	1.2500	1.2431	-.007	-.551	.26510	.000	1
S5	2.5000	2.5098	.010	.391	.53661	.001	1
S2	.20000	.20515	.005	2.58	.04263	.000	1

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424



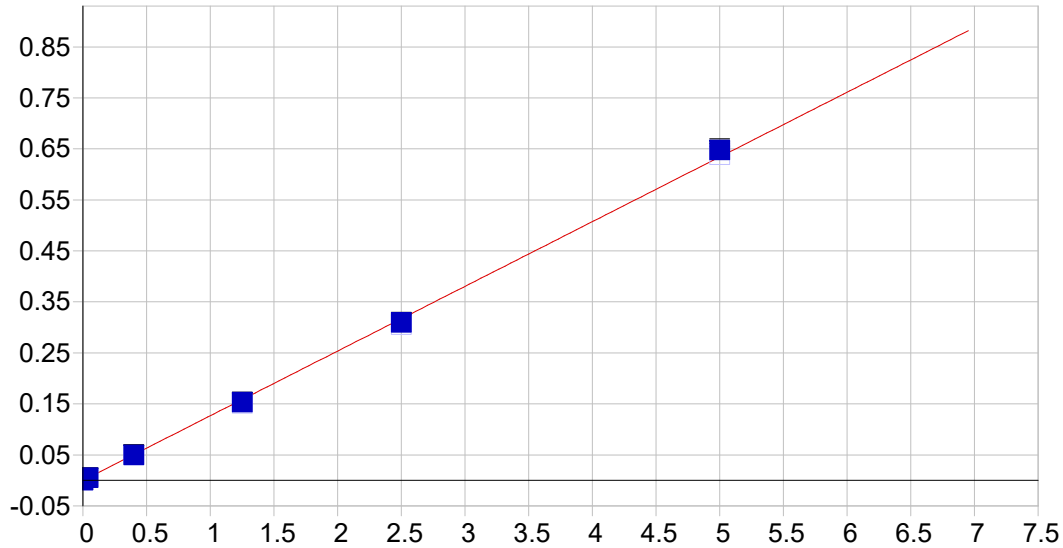
Na 589.592 { 57}

Date of Fit:	4/14/2025 13:39:04	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.002642	Re-Slope:	1.000000
A1 (Gain):	0.009999	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.995280	Status:	OK.
Std Error of Est:	0.000516		
Predicted MDL:	0.018614		
Predicted MQL:	0.062045		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00039	.000	.000	.00265	.000	1
S2	4.0000	3.9779	-.022	-.552	.04242	.000	1
S3	12.500	11.339	-1.16	-9.29	.11603	.001	1
S4	25.000	21.895	-3.11	-12.4	.22157	.001	1
S5	50.000	54.405	4.40	8.81	.54664	.005	1
S1	2.0000	1.8833	-.117	-5.84	.02147	.000	1

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424



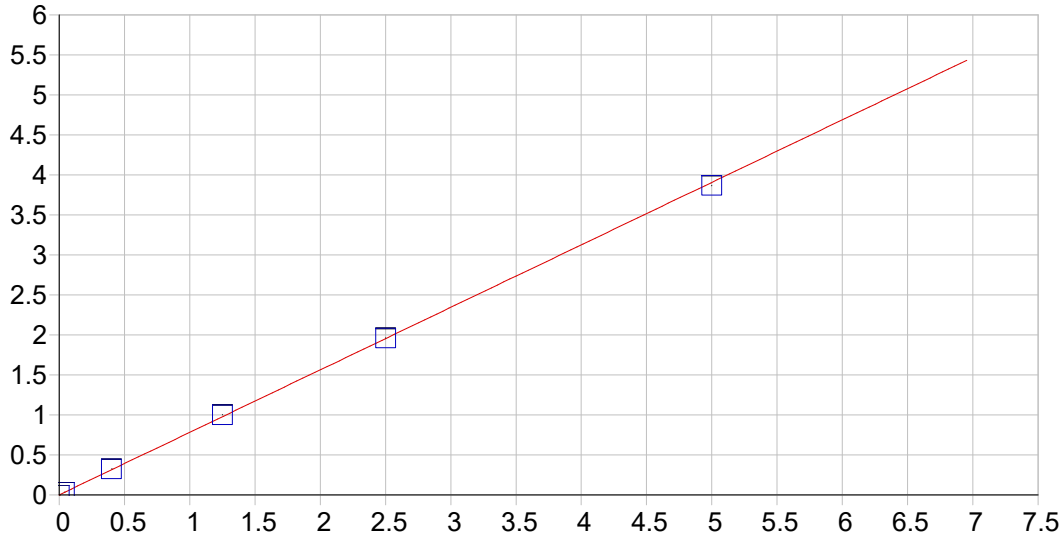
V 292.402 {115}

Date of Fit:	4/14/2025 13:39:04	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000109	Re-Slope:	1.000000
A1 (Gain):	0.126854	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999722	Status:	OK.
Std Error of Est:	0.000069		
Predicted MDL:	0.001647		
Predicted MQL:	0.005491		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00011	.000	1
S1	.04000	.03989	-.000	-.273	.00476	.000	1
S3	1.2500	1.2091	-.041	-3.27	.15096	.000	1
S4	2.5000	2.4420	-.058	-2.32	.30504	.001	1
S5	5.0000	5.1047	.105	2.09	.63819	.003	1
S2	.40000	.39431	-.006	-1.42	.04917	.000	1

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424



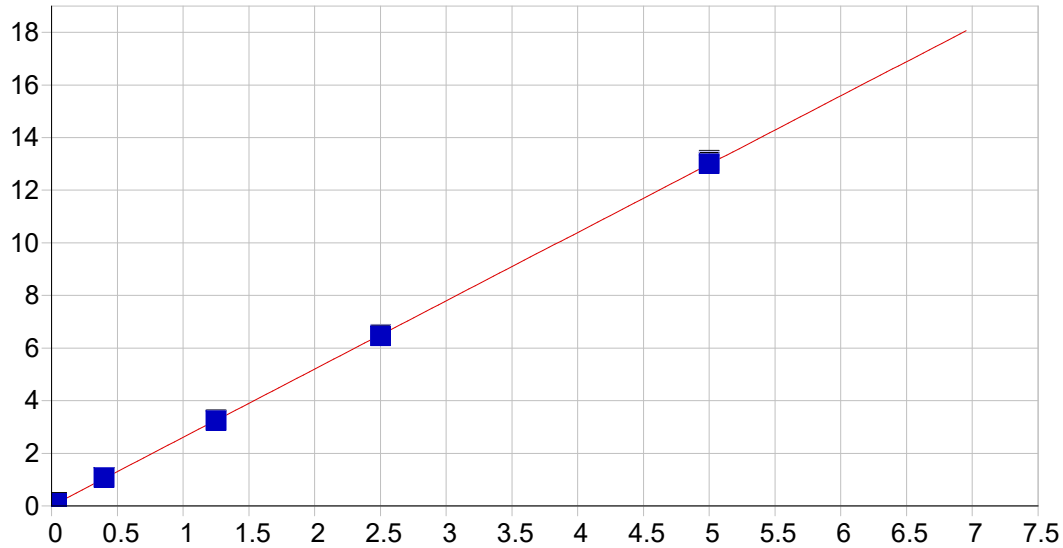
Zn 206.200 {464}

Date of Fit:	4/14/2025 13:39:04	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.001068	Re-Slope:	1.000000
A1 (Gain):	0.781147	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999895	Status:	OK.
Std Error of Est:	0.000266		
Predicted MDL:	0.000240		
Predicted MQL:	0.000799		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00107	.000	1
S1	.04000	.04233	.002	5.83	.03414	.000	1
S3	1.2500	1.2799	.030	2.39	1.0009	.002	1
S4	2.5000	2.5053	.005	.213	1.9581	.008	1
S5	5.0000	4.9479	-.052	-1.04	3.8661	.003	1
S2	.40000	.41451	.015	3.63	.32486	.000	1

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424



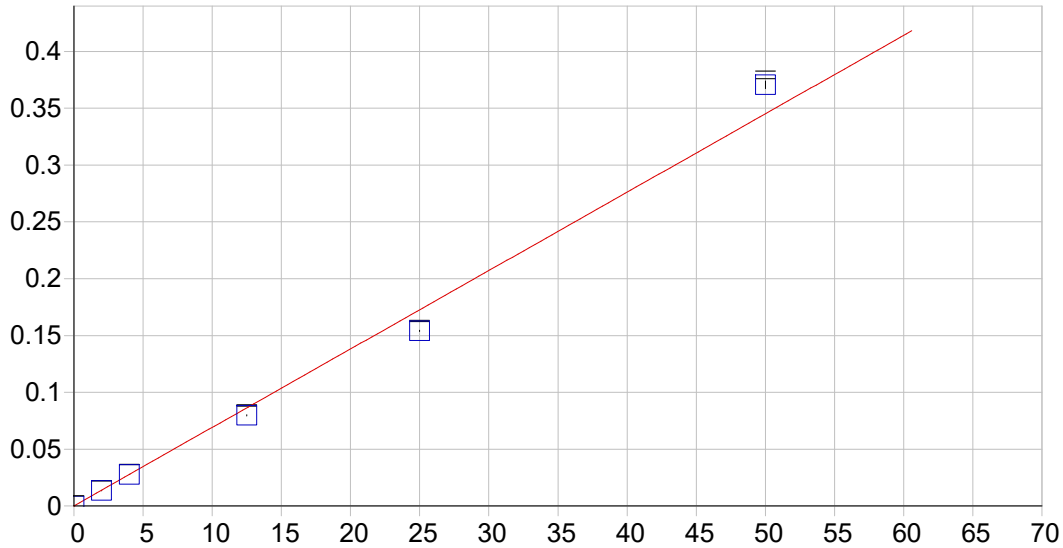
Zn 213.856 {158}

Date of Fit:	4/14/2025 13:39:04	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.005668	Re-Slope:	1.000000
A1 (Gain):	2.597141	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999973	Status:	OK.
Std Error of Est:	0.000453		
Predicted MDL:	0.000350		
Predicted MQL:	0.001165		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00566	.001	1
S1	.04000	.04188	.002	4.69	.11516	.002	1
S3	1.2500	1.2447	-.005	-.425	3.2609	.011	1
S4	2.5000	2.4868	-.013	-.528	6.5094	.015	1
S5	5.0000	5.0053	.005	.106	13.095	.046	1
S2	.40000	.41133	.011	2.83	1.0812	.005	1

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424



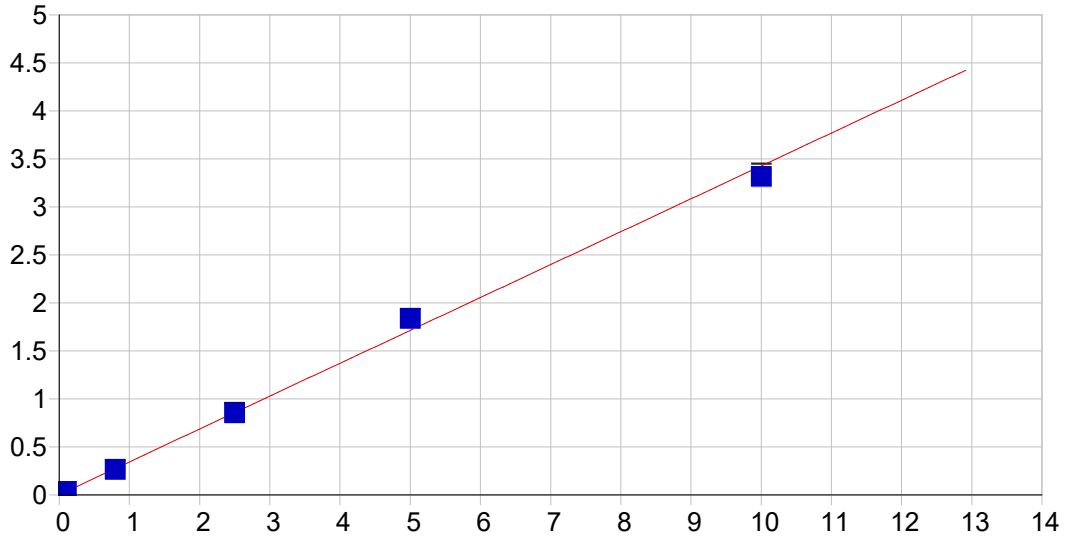
K 766.490 { 44}

Date of Fit:	4/14/2025 13:39:04	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000116	Re-Slope:	1.000000
A1 (Gain):	0.006901	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.996612	Status:	OK.
Std Error of Est:	0.000301		
Predicted MDL:	0.029480		
Predicted MQL:	0.098268		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00028	.000	.000	.00012	.000	1
S2	4.0000	4.0028	.003	.069	.02774	.000	1
S3	12.500	11.552	-.948	-7.58	.07983	.001	1
S4	25.000	22.312	-2.69	-10.8	.15409	.000	1
S5	50.000	53.698	3.70	7.40	.37068	.003	1
S1	2.0000	1.9350	-.065	-3.25	.01347	.000	1

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424



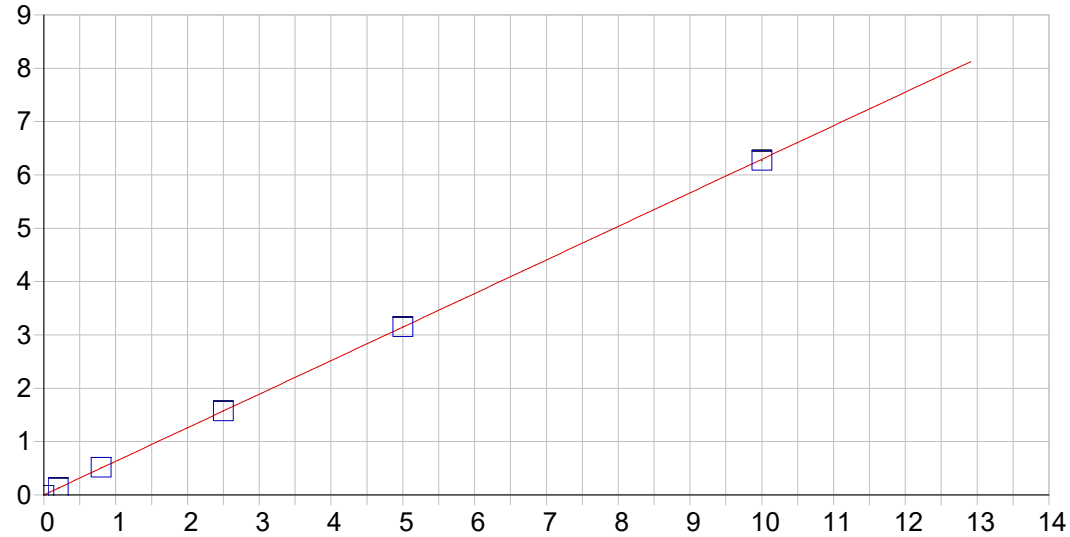
B 249.678 {135}

Date of Fit:	4/14/2025 13:39:04	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.001520	Re-Slope:	1.000000
A1 (Gain):	0.342479	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.998957	Status:	OK.
Std Error of Est:	0.000819		
Predicted MDL:	0.000724		
Predicted MQL:	0.002413		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00152	.000	1
S1	.10000	.10429	.004	4.29	.03706	.000	1
S3	2.5000	2.4885	-.012	-.462	.85123	.007	1
S4	5.0000	5.3617	.362	7.23	1.8327	.001	1
S5	10.000	9.6825	-.318	-3.18	3.3074	.037	1
S2	.80000	.76305	-.037	-4.62	.26204	.003	1

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424



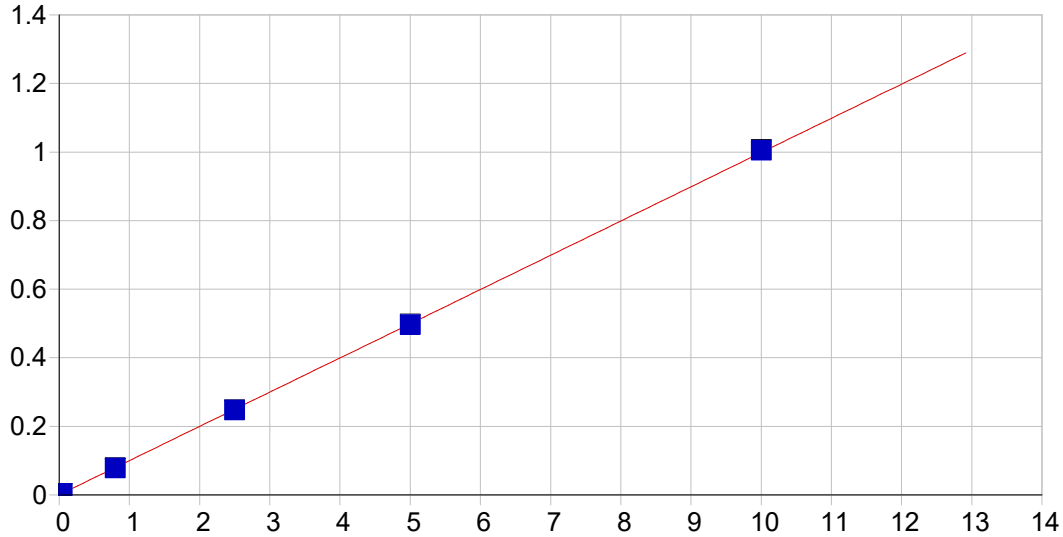
Mo 202.030 {467}

Date of Fit:	4/14/2025 13:39:04	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000321	Re-Slope:	1.000000
A1 (Gain):	0.629285	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999970	Status:	OK.
Std Error of Est:	0.000363		
Predicted MDL:	0.000311		
Predicted MQL:	0.001038		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	.00031	.000	1
S1	.20000	.21162	.012	5.81	.13349	.001	1
S3	2.5000	2.4999	-.000	-.005	1.5735	.003	1
S4	5.0000	5.0077	.008	.154	3.1516	.006	1
S5	10.000	9.9653	-.035	-.347	6.2713	.013	1
S2	.80000	.81549	.015	1.94	.51350	.000	1

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424



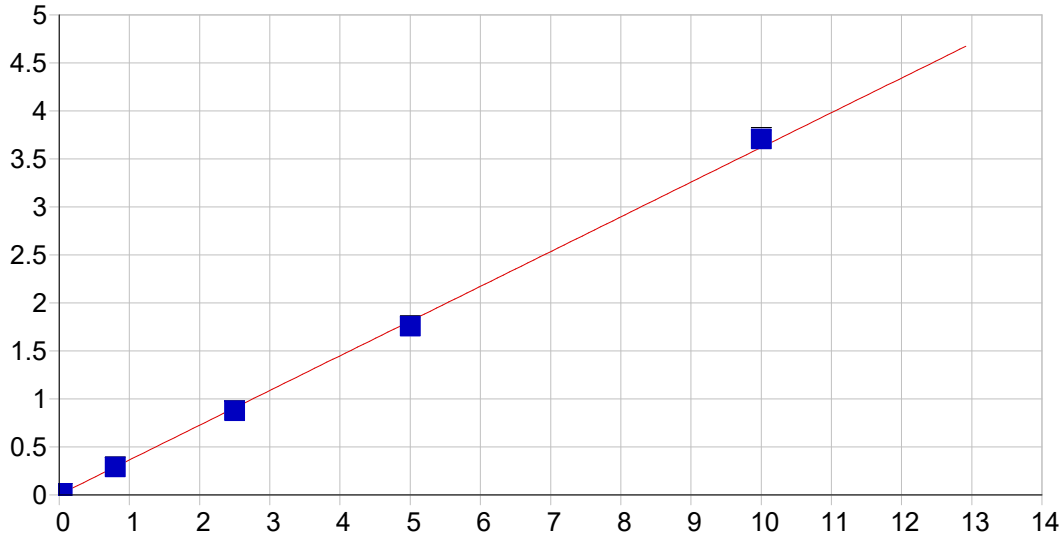
Sn 189.989 {478}

Date of Fit:	4/14/2025 13:39:04	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000173	Re-Slope:	1.000000
A1 (Gain):	0.099825	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999964	Status:	OK.
Std Error of Est:	0.000028		
Predicted MDL:	0.000940		
Predicted MQL:	0.003134		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00017	.000	1
S1	.04000	.04080	.001	2.00	.00424	.000	1
S3	2.5000	2.4780	-.022	-.881	.24728	.000	1
S4	5.0000	4.9738	-.026	-.525	.49617	.002	1
S5	10.000	10.068	.068	.677	1.0042	.002	1
S2	.80000	.77972	-.020	-2.54	.07793	.000	1

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424



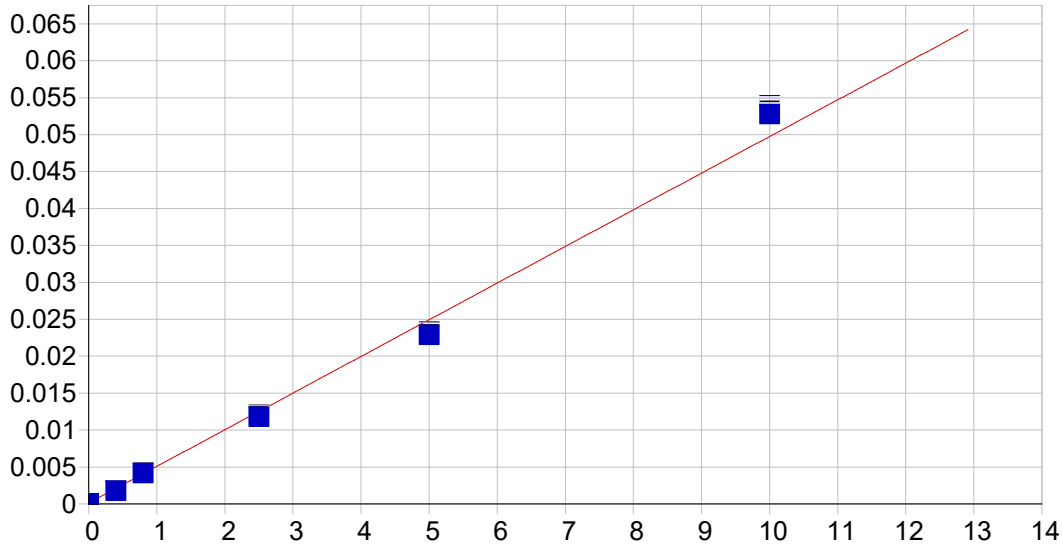
Ti 336.121 {100}

Date of Fit:	4/14/2025 13:39:04	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.002450	Re-Slope:	1.000000
A1 (Gain):	0.361690	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999632	Status:	OK.
Std Error of Est:	0.000325		
Predicted MDL:	0.000774		
Predicted MQL:	0.002582		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00245	.000	1
S1	.04000	.03993	-.000	-.172	.01688	.000	1
S3	2.5000	2.4131	-.087	-3.48	.87492	.001	1
S4	5.0000	4.8503	-.150	-2.99	1.7561	.005	1
S5	10.000	10.243	.243	2.43	3.7061	.016	1
S2	.80000	.79331	-.007	-.836	.28928	.000	1

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424



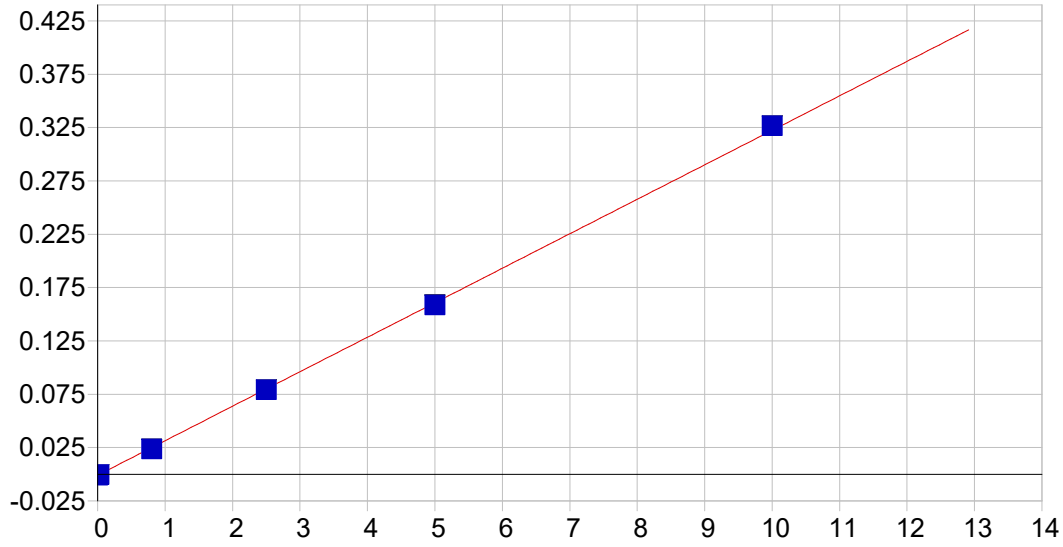
Si 288.158 {117}

Date of Fit:	4/14/2025 13:39:04	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000116	Re-Slope:	1.000000
A1 (Gain):	0.004963	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.997636	Status:	OK.
Std Error of Est:	0.000037		
Predicted MDL:	0.007692		
Predicted MQL:	0.025639		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00009	.000	.000	.00012	.000	1
S1	.40000	.33267	-.067	-16.8	.00177	.000	1
S3	2.5000	2.3524	-.148	-5.90	.01198	.000	1
S4	5.0000	4.5899	-.410	-8.20	.02327	.000	1
S5	10.000	10.612	.612	6.12	.05353	.000	1
S2	.80000	.81212	.012	1.51	.00421	.000	1

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424



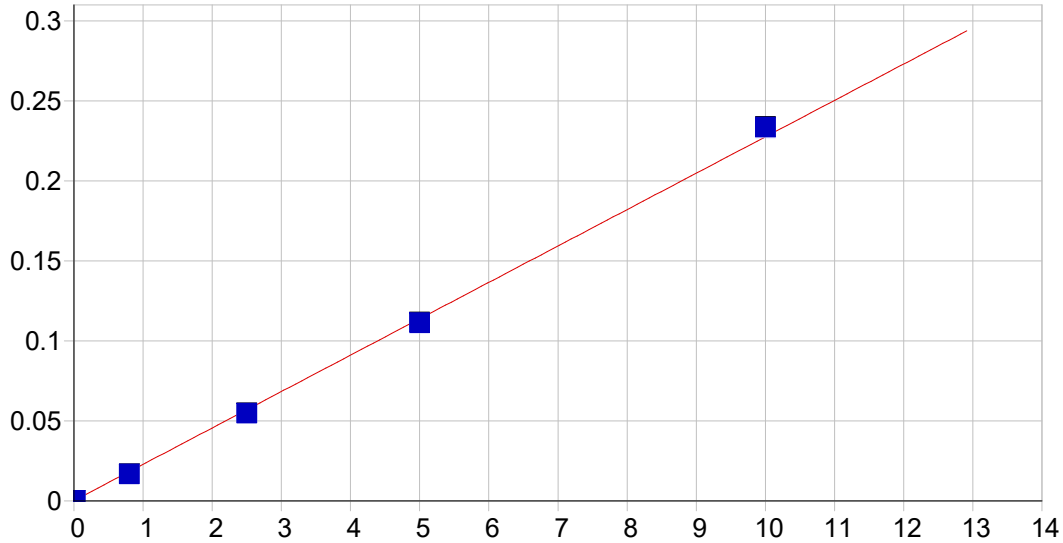
P 177.495 {490}

Date of Fit:	4/14/2025 13:39:04	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000890	Re-Slope:	1.000000
A1 (Gain):	0.032330	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999858	Status:	OK.
Std Error of Est:	0.000013		
Predicted MDL:	0.003105		
Predicted MQL:	0.010350		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00089	.000	1
S1	.02000	.01926	-.001	-3.70	-.00027	.000	1
S3	2.5000	2.4776	-.022	-.894	.07920	.000	1
S4	5.0000	4.9373	-.063	-1.25	.15871	.000	1
S5	10.000	10.130	.130	1.30	.32658	.000	1
S2	.80000	.75546	-.045	-5.57	.02353	.000	1

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424



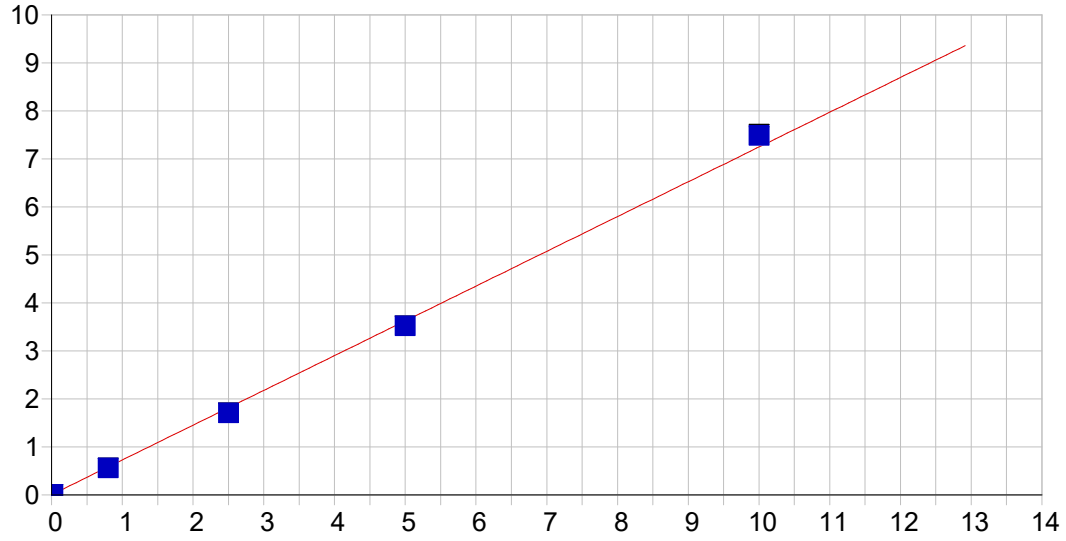
S 182.034 {485}

Date of Fit:	4/14/2025 13:39:04	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000123	Re-Slope:	1.000000
A1 (Gain):	0.022743	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999490	Status:	OK.
Std Error of Est:	0.000017		
Predicted MDL:	0.003911		
Predicted MQL:	0.013038		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00012	.000	1
S1	.02000	.02251	.003	12.6	.00062	.000	1
S3	2.5000	2.4076	-.092	-3.70	.05473	.000	1
S4	5.0000	4.8905	-.110	-2.19	.11105	.000	1
S5	10.000	10.265	.265	2.65	.23299	.000	1
S2	.80000	.73419	-.066	-8.23	.01677	.000	1

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424



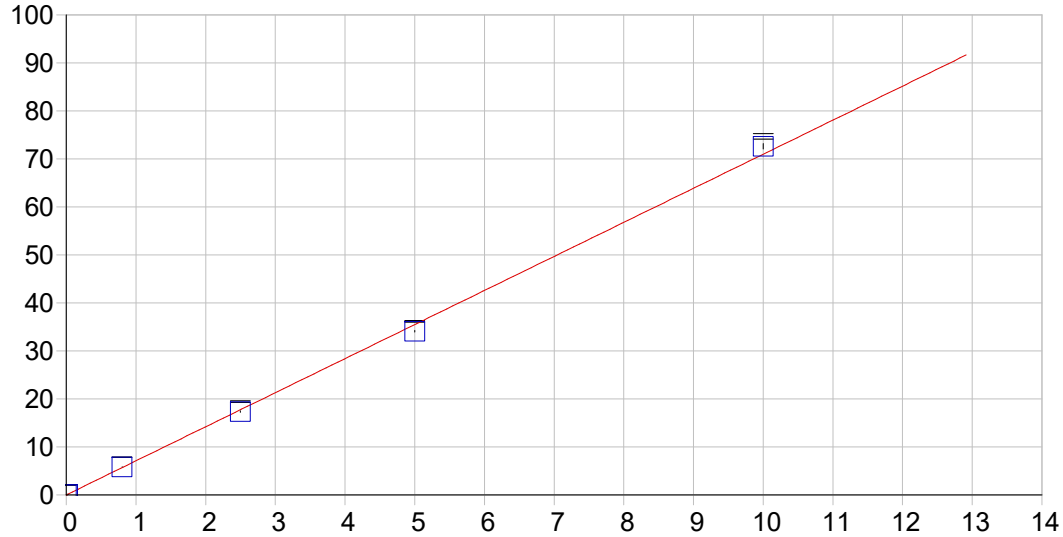
Li 670.784 { 50}

Date of Fit:	4/14/2025 13:39:04	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.004215	Re-Slope:	1.000000
A1 (Gain):	0.724353	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999307	Status:	OK.
Std Error of Est:	0.000632		
Predicted MDL:	0.001204		
Predicted MQL:	0.004015		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00422	.001	1
S5	10.000	10.329	.329	3.29	7.4900	.026	1
S4	5.0000	4.8547	-.145	-2.91	3.5225	.007	1
S3	2.5000	2.3520	-.148	-5.92	1.7088	.006	1
S1	.02000	.01937	-.001	-3.16	.01848	.001	1
S2	.80000	.76452	-.035	-4.44	.55828	.002	1

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424



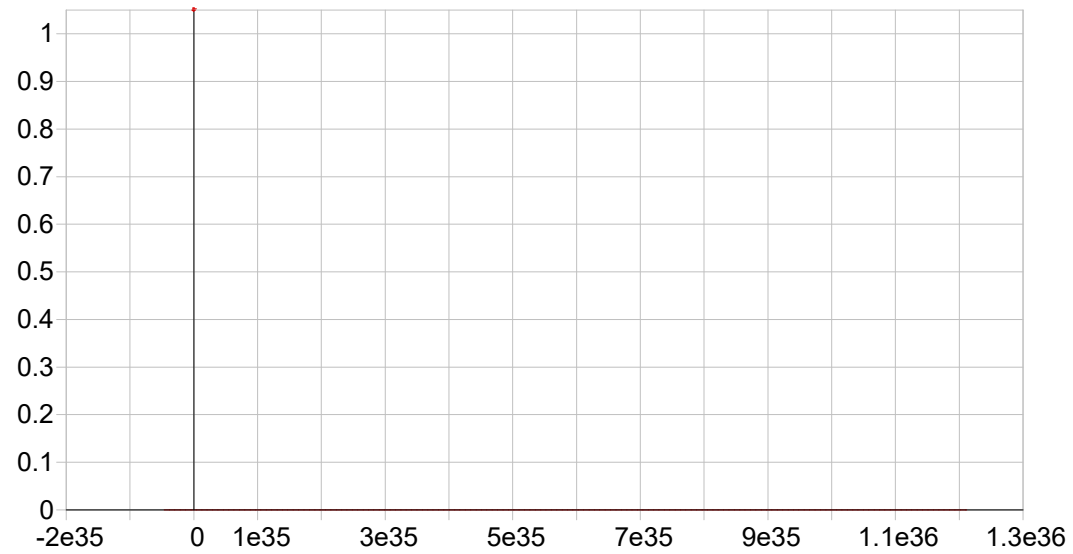
Sr 407.771 { 83}

Date of Fit:	4/14/2025 13:39:04	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000910	Re-Slope:	1.000000
A1 (Gain):	7.097195	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999594	Status:	OK.
Std Error of Est:	0.004739		
Predicted MDL:	0.000077		
Predicted MQL:	0.000258		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00091	.000	1
S1	.02000	.02023	.000	1.13	.14446	.001	1
S3	2.5000	2.4451	-.055	-2.20	17.354	.156	1
S4	5.0000	4.8027	-.197	-3.95	34.086	.175	1
S5	10.000	10.234	.234	2.34	72.630	.596	1
S2	.80000	.81848	.018	2.31	5.8098	.009	1

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

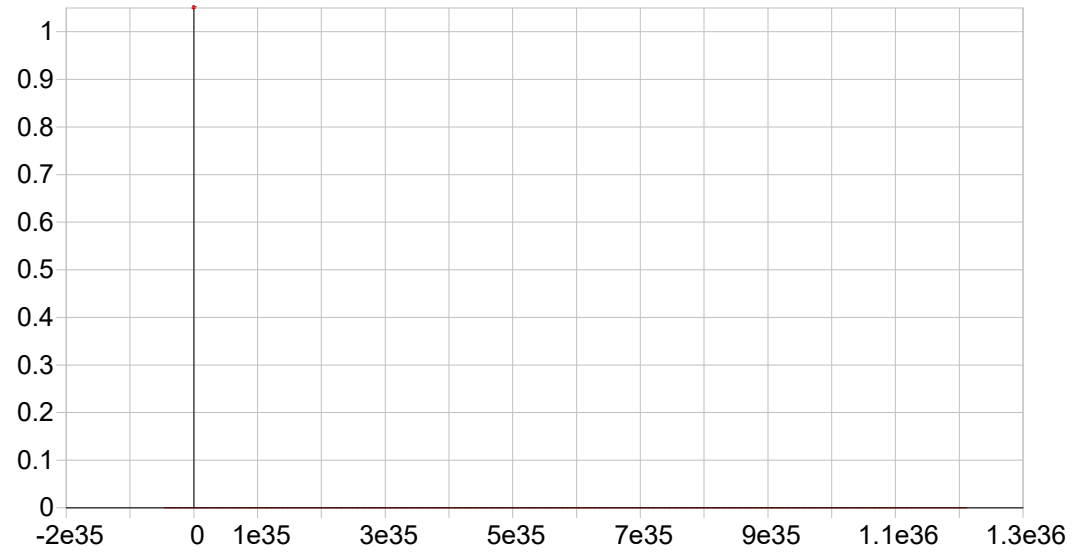


Y 224.306 {450}*

Date of Fit:	4/14/2025 11:19:38	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



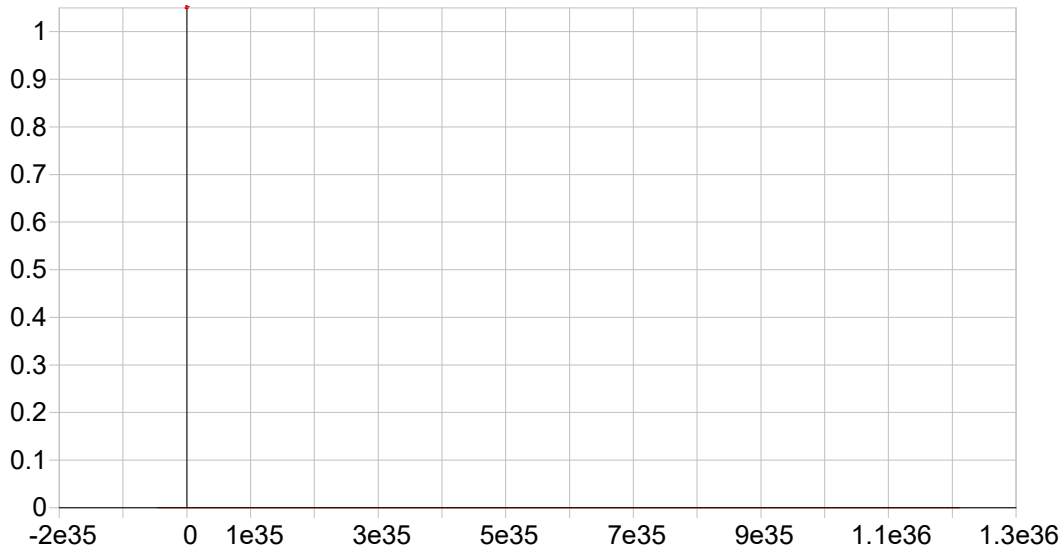
Y 360.073 { 94}*

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:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

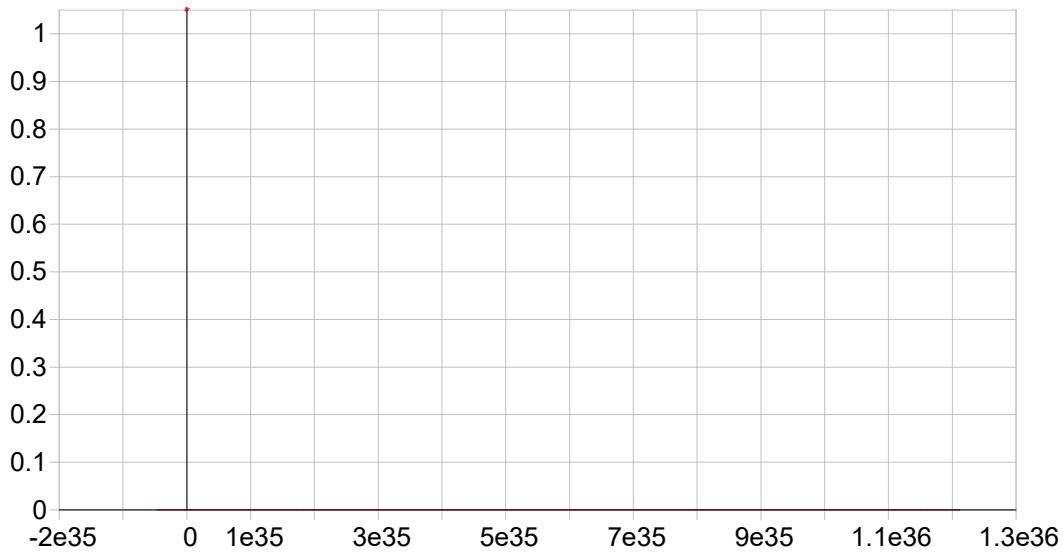
A2 (Curvature):		0.000000					
n (Exponent):		1.000000					
Correlation:		0.000000		Status:	Warning	Zero Gain	
Std Error of Est:		0.000000					
Predicted MDL:		n/a					
Predicted MQL:		n/a					
Std. Name	**Stated Conc.**	**Found Conc.**	**Difference**	**% Diff.**	**(S)IR**	**Std Dev**	**Emphasis**



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:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

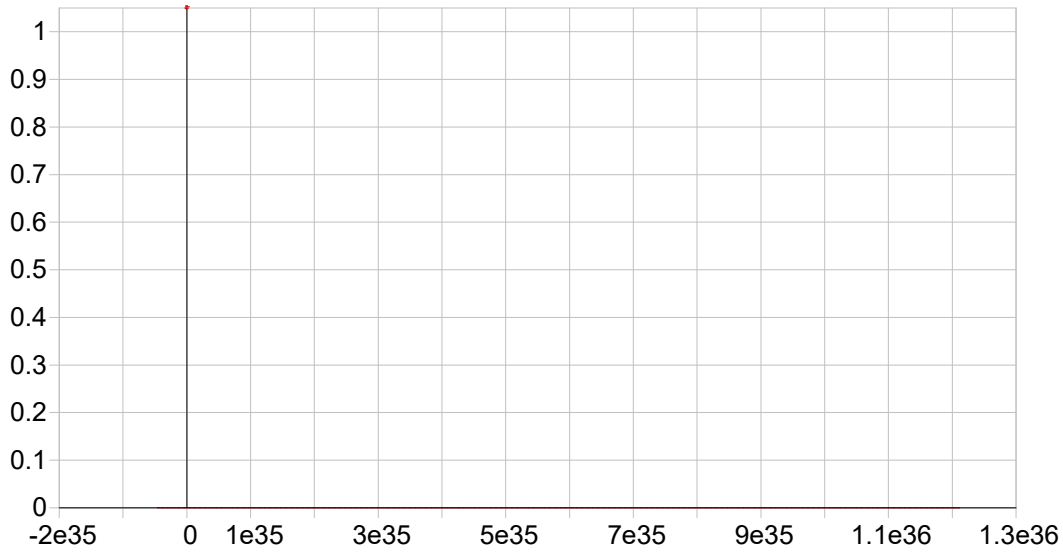


Y 224.306 {150}*

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:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

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:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: S0 Acquired: 4/14/2025 13:13:33 Type: Cal
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: IR Corr. Factor: 1.000000
User: Kareem Custom ID1: 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	-.00020	-.00007	-.00028	.00032	.00024	-.00014	.02630	-.00013
Stddev	.00012	.00013	.00018	.00014	.00006	.00027	.00250	.00007
%RSD	60.262	173.97	64.521	45.435	24.298	193.00	9.5024	49.889
#1	-.00029	-.00015	-.00046	.00027	.00030	.00008	.02535	-.00006
#2	-.00025	.00007	-.00028	.00048	.00020	-.00006	.02913	-.00020
#3	-.00006	-.00014	-.00010	.00021	.00021	-.00045	.02441	-.00014

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.00005	.00052	.00010	.00006	-.00071	.00004	.00088	-.00027
Stddev	.00016	.00014	.00002	.00007	.00019	.00001	.00006	.00012
%RSD	301.11	26.091	21.614	119.68	26.320	19.547	7.0244	45.481
#1	.00023	.00066	.00008	.00014	-.00052	.00004	.00093	-.00032
#2	-.00009	.00051	.00010	.00005	-.00089	.00004	.00091	-.00037
#3	.00002	.00039	.00012	-.00000	-.00072	.00005	.00081	-.00013

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.00030	-.00134	.00265	-.00011	.00566	.00012	.00152	.00031
Stddev	.00006	.00004	.00008	.00017	.00062	.00007	.00005	.00016
%RSD	19.864	3.2870	3.1609	156.23	11.038	59.998	3.5055	50.922
#1	-.00023	-.00137	.00255	-.00030	.00533	.00020	.00146	.00013
#2	-.00034	-.00129	.00270	.00003	.00638	.00010	.00153	.00040
#3	-.00033	-.00137	.00269	-.00006	.00527	.00006	.00157	.00040

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707	Sr4077
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.00017	.00245	.00012	-.00089	.00012	.00422	.00091
Stddev	.00004	.00015	.00002	.00007	.00004	.00052	.00050
%RSD	22.352	6.1684	16.173	7.6124	30.231	12.289	54.521
#1	.00017	.00235	.00014	-.00081	.00012	.00422	.00061
#2	.00013	.00238	.00010	-.00094	.00009	.00370	.00064
#3	.00021	.00263	.00011	-.00092	.00016	.00473	.00148

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: S0 Acquired: 4/14/2025 13:13:33 Type: Cal
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: IR Corr. Factor: 1.000000
User: Kareem Custom ID1: 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	2738.5	66672.	12366.	1781.5	4398.4
Stddev	12.3	193.	54.	11.8	17.7
%RSD	.44870	.29019	.43359	.66085	.40196
#1	2724.4	66884.	12398.	1771.7	4378.1
#2	2743.8	66504.	12304.	1778.3	4406.1
#3	2747.2	66628.	12396.	1794.6	4410.9

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: S1 Acquired: 4/14/2025 13:17:56 Type: Cal
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: IR Corr. Factor: 1.000000
User: Kareem Custom ID1: 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	.00094	.00227	.00155	.00105	.00538	.00808	.23107	.01896
Stddev	.00017	.00012	.00028	.00011	.00010	.00029	.00162	.00022
%RSD	18.364	5.1968	18.078	10.523	1.8488	3.5414	.70104	1.1386
#1	.00114	.00240	.00146	.00114	.00527	.00791	.23292	.01871
#2	.00083	.00225	.00186	.00093	.00546	.00791	.23037	.01907
#3	.00086	.00217	.00132	.00108	.00541	.00841	.22992	.01909

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.01347	.10559	.00177	.02444	.01568	.00049	.00814	.02076
Stddev	.00026	.00009	.00007	.00010	.00009	.00001	.00003	.00019
%RSD	1.9527	.08173	3.9123	.39726	.58344	2.5606	.34854	.91200
#1	.01358	.10568	.00182	.02433	.01574	.00051	.00816	.02063
#2	.01317	.10551	.00178	.02447	.01557	.00049	.00811	.02097
#3	.01366	.10558	.00169	.02452	.01572	.00048	.00815	.02066

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.01876	.00085	.02147	.00476	.11516	.01347	.03706	.13349
Stddev	.00002	.00007	.00034	.00009	.00155	.00014	.00040	.00051
%RSD	.08381	8.0474	1.5947	1.8218	1.3496	1.0128	1.0756	.38202
#1	.01878	.00078	.02186	.00471	.11469	.01362	.03726	.13401
#2	.01876	.00091	.02122	.00471	.11689	.01336	.03660	.13299
#3	.01875	.00087	.02134	.00486	.11389	.01343	.03732	.13348

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707	Sr4077
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.00424	.01688	.00177	-.00027	.00062	.01848	.14446
Stddev	.00006	.00005	.00001	.00005	.00001	.00056	.00068
%RSD	1.3453	.29305	.66054	19.575	1.1077	3.0450	.46874
#1	.00422	.01683	.00178	-.00033	.00061	.01797	.14472
#2	.00420	.01690	.00176	-.00024	.00062	.01908	.14369
#3	.00431	.01692	.00178	-.00023	.00062	.01837	.14496

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: S1 Acquired: 4/14/2025 13:17:56 Type: Cal
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: IR Corr. Factor: 1.000000
User: Kareem Custom ID1: 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	2787.1	66644.	13141.	1840.1	4420.1
Stddev	8.9	242.	16.	6.2	6.4
%RSD	.31760	.36246	.12084	.33440	.14426
#1	2777.4	66544.	13148.	1836.1	4412.7
#2	2794.7	66467.	13122.	1836.9	4424.0
#3	2789.2	66919.	13151.	1847.2	4423.5

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: S2 Acquired: 4/14/2025 13:22:20 Type: Cal
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: IR Corr. Factor: 1.000000
User: Kareem Custom ID1: 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	.03723	.04538	.14697	.03207	.07496	.12376	3.4261	.12181
Stddev	.00017	.00017	.00049	.00027	.00034	.00014	.0032	.00053
%RSD	.45372	.38566	.33084	.83182	.44918	.10947	.09397	.43841
#1	.03704	.04522	.14697	.03215	.07499	.12362	3.4232	.12177
#2	.03737	.04534	.14745	.03228	.07528	.12389	3.4296	.12237
#3	.03727	.04557	.14648	.03177	.07461	.12379	3.4256	.12130

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.85481	.21202	.02831	.32769	.14902	.00403	.13725	.03885
Stddev	.00162	.00043	.00003	.00020	.00058	.00004	.00036	.00005
%RSD	.18962	.20202	.11873	.06229	.38680	.90501	.26554	.13229
#1	.85663	.21157	.02833	.32778	.14848	.00400	.13688	.03879
#2	.85425	.21242	.02827	.32783	.14963	.00402	.13726	.03888
#3	.85354	.21207	.02833	.32745	.14896	.00408	.13760	.03888

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.19273	.04263	.04242	.04917	1.0812	.02774	.26204	.51350
Stddev	.00051	.00014	.00013	.00025	.0051	.00025	.00289	.00014
%RSD	.26629	.33724	.30451	.51028	.47110	.89693	1.1027	.02634
#1	.19332	.04247	.04254	.04909	1.0771	.02799	.25877	.51334
#2	.19248	.04268	.04228	.04945	1.0795	.02773	.26424	.51355
#3	.19238	.04275	.04243	.04897	1.0869	.02749	.26312	.51359

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707	Sr4077
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.07793	.28928	.00421	.02353	.01677	.55828	5.8098
Stddev	.00015	.00028	.00003	.00013	.00009	.00167	.0091
%RSD	.18751	.09779	.68203	.56086	.52553	.29893	.15693
#1	.07777	.28896	.00424	.02349	.01668	.55700	5.8010
#2	.07806	.28936	.00418	.02342	.01679	.56017	5.8192
#3	.07795	.28951	.00420	.02368	.01685	.55768	5.8094

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: S2 Acquired: 4/14/2025 13:22:20 Type: Cal
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: IR Corr. Factor: 1.000000
User: Kareem Custom ID1: 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	2819.5	67175.	13823.	1846.2	4431.1
Stddev	3.6	219.	32.	9.0	8.5
%RSD	.12930	.32635	.23156	.48961	.19126
#1	2816.3	67070.	13857.	1844.2	4421.4
#2	2818.6	67427.	13794.	1856.0	4436.1
#3	2823.5	67028.	13816.	1838.3	4435.9

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: S3 Acquired: 4/14/2025 13:26:29 Type: Cal
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: IR Corr. Factor: 1.000000
User: Kareem Custom ID1: 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	.11841	.14319	.46126	.10161	.23289	.38499	10.205	.39754
Stddev	.00031	.00104	.00138	.00018	.00065	.00019	.016	.00304
%RSD	.25988	.72373	.29954	.17487	.28051	.05024	.15524	.76489
#1	.11854	.14426	.46094	.10164	.23215	.38506	10.203	.39533
#2	.11806	.14310	.46008	.10143	.23313	.38514	10.221	.39628
#3	.11863	.14219	.46278	.10178	.23339	.38477	10.190	.40101

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2.6904	.64518	.08626	1.0254	.45902	.01141	.41426	.12086
Stddev	.0050	.00243	.00016	.0014	.00091	.00003	.00159	.00094
%RSD	.18786	.37605	.18116	.13267	.19717	.25391	.38401	.77972
#1	2.6880	.64699	.08620	1.0252	.45821	.01142	.41272	.12086
#2	2.6870	.64243	.08615	1.0242	.45884	.01143	.41415	.11993
#3	2.6962	.64614	.08644	1.0269	.46000	.01138	.41590	.12181

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.60471	.13083	.11603	.15096	3.2609	.07983	.85123	1.5735
Stddev	.00081	.00019	.00053	.00023	.0106	.00055	.00740	.0028
%RSD	.13371	.14547	.45520	.15179	.32429	.68543	.86910	.17693
#1	.60432	.13071	.11641	.15098	3.2593	.08021	.84727	1.5719
#2	.60417	.13074	.11624	.15072	3.2722	.08009	.84666	1.5718
#3	.60564	.13105	.11542	.15118	3.2512	.07921	.85977	1.5767

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707	Sr4077
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.24728	.87492	.01198	.07920	.05473	1.7088	17.354
Stddev	.00020	.00108	.00005	.00013	.00007	.0059	.156
%RSD	.08211	.12336	.38431	.16271	.13602	.34335	.90104
#1	.24731	.87385	.01193	.07918	.05472	1.7131	17.462
#2	.24707	.87490	.01202	.07934	.05466	1.7112	17.175
#3	.24747	.87601	.01198	.07909	.05481	1.7021	17.425

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: S3 Acquired: 4/14/2025 13:26:29 Type: Cal
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: IR Corr. Factor: 1.000000
User: Kareem Custom ID1: 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	2708.8	66416.	12797.	1792.6	4141.6
Stddev	5.5	192.	93.	3.0	3.7
%RSD	.20189	.28966	.72625	.16531	.09039
#1	2713.0	66441.	12818.	1793.3	4145.0
#2	2710.6	66594.	12878.	1789.3	4142.3
#3	2702.6	66212.	12696.	1795.1	4137.6

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: S4 Acquired: 4/14/2025 13:30:39 Type: Cal
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: IR Corr. Factor: 1.000000
User: Kareem Custom ID1: 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	.23922	.28529	.92265	.20408	.47087	.78685	20.152	.85290
Stddev	.00063	.00181	.00229	.00073	.00030	.00097	.384	.00165
%RSD	.26145	.63354	.24856	.35964	.06295	.12391	1.9077	.19314
#1	.23849	.28321	.92013	.20329	.47108	.78580	19.779	.85249
#2	.23954	.28646	.92321	.20474	.47053	.78773	20.131	.85149
#3	.23961	.28620	.92462	.20422	.47101	.78700	20.547	.85471

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5.4035	1.2791	.17263	2.0542	.91067	.02168	.82435	.24783
Stddev	.0193	.0043	.00006	.0039	.00139	.00007	.00382	.00141
%RSD	.35702	.33386	.03763	.19146	.15212	.33827	.46345	.56949
#1	5.3842	1.2745	.17264	2.0513	.90907	.02161	.82168	.24722
#2	5.4034	1.2798	.17268	2.0527	.91153	.02167	.82264	.24683
#3	5.4228	1.2829	.17256	2.0587	.91141	.02176	.82872	.24944

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1.2060	.26510	.22157	.30504	6.5094	.15409	1.8327	3.1516
Stddev	.0032	.00033	.00053	.00052	.0148	.00044	.0009	.0065
%RSD	.26722	.12518	.24009	.16896	.22702	.28588	.05099	.20463
#1	1.2027	.26472	.22096	.30445	6.5001	.15360	1.8318	3.1442
#2	1.2062	.26535	.22194	.30538	6.5265	.15446	1.8327	3.1554
#3	1.2091	.26522	.22182	.30530	6.5017	.15421	1.8337	3.1552

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707	Sr4077
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.49617	1.7561	.02327	.15871	.11105	3.5225	34.086
Stddev	.00151	.0050	.00002	.00040	.00038	.0068	.175
%RSD	.30485	.28482	.07968	.24921	.34203	.19406	.51458
#1	.49449	1.7518	.02325	.15864	.11072	3.5167	34.229
#2	.49659	1.7549	.02327	.15913	.11097	3.5208	33.890
#3	.49743	1.7616	.02329	.15835	.11146	3.5300	34.140

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: S4 Acquired: 4/14/2025 13:30:39 Type: Cal
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: IR Corr. Factor: 1.000000
User: Kareem Custom ID1: 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	2659.5	64016.	11716.	1719.7	4025.8
Stddev	5.3	120.	34.	4.3	3.0
%RSD	.19746	.18727	.28953	.25065	.07515
#1	2655.4	64058.	11729.	1724.0	4022.3
#2	2657.8	64110.	11741.	1719.6	4027.7
#3	2665.4	63881.	11677.	1715.4	4027.3

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: S5 Acquired: 4/14/2025 13:34:53 Type: Cal
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: IR Corr. Factor: 1.000000
User: Kareem Custom ID1: 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	.48516	.56059	1.8616	.41228	.95791	1.6402	43.347	1.5269
Stddev	.00109	.00707	.0019	.00169	.00383	.0033	.555	.0161
%RSD	.22568	1.2606	.10441	.40917	.39998	.20080	1.2811	1.0527
#1	.48612	.56867	1.8616	.41423	.96218	1.6439	43.909	1.5454
#2	.48397	.55559	1.8635	.41132	.95478	1.6389	42.799	1.5170
#3	.48539	.55750	1.8596	.41130	.95677	1.6377	43.335	1.5182

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	11.009	2.6898	.34108	4.2031	1.8130	.04932	1.7130	.51002
Stddev	.016	.0181	.00063	.0046	.0041	.00010	.0109	.00398
%RSD	.14725	.67434	.18420	.11073	.22739	.20467	.63873	.78035
#1	11.008	2.7105	.34070	4.2008	1.8177	.04921	1.7252	.51459
#2	11.026	2.6825	.34074	4.2084	1.8109	.04934	1.7040	.50726
#3	10.994	2.6766	.34180	4.2000	1.8103	.04941	1.7100	.50823

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2.4516	.53661	.54664	.63819	13.095	.37068	3.3074	6.2713
Stddev	.0042	.00070	.00533	.00274	.046	.00343	.0372	.0132
%RSD	.17121	.12993	.97556	.42877	.35037	.92482	1.1241	.21029
#1	2.4512	.53667	.54140	.64126	13.086	.36713	3.3501	6.2866
#2	2.4560	.53588	.54646	.63600	13.055	.37094	3.2816	6.2637
#3	2.4477	.53727	.55206	.63732	13.145	.37397	3.2907	6.2638

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707	Sr4077
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1.0042	3.7061	.05353	.32658	.23299	7.4900	72.630
Stddev	.0019	.0156	.00041	.00041	.00046	.0259	.596
%RSD	.18543	.42163	.76833	.12679	.19625	.34593	.82031
#1	1.0055	3.7227	.05307	.32699	.23349	7.4936	73.296
#2	1.0050	3.6916	.05366	.32616	.23259	7.4624	72.148
#3	1.0020	3.7039	.05386	.32659	.23290	7.5139	72.447

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: S5 Acquired: 4/14/2025 13:34:53 Type: Cal
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: IR Corr. Factor: 1.000000
User: Kareem Custom ID1: 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	2580.5	62712.	12814.	1654.3	3804.9
Stddev	1.1	71.	136.	2.9	3.6
%RSD	.04452	.11391	1.0590	.17584	.09498
#1	2579.2	62728.	12657.	1657.2	3805.6
#2	2581.2	62774.	12889.	1654.3	3800.9
#3	2581.2	62634.	12895.	1651.4	3808.1

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: ICV01 Acquired: 4/14/2025 13:56:56 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.057501	1.033241	1.000260	1.049246	1.044857	2.359020
Stddev	.006374	.009677	.000990	.004158	.005366	.006183
%RSD	.6027784	.9365734	.0989945	.3963053	.5135640	.2620798
#1	1.064828	1.041615	.999594	1.053731	1.051051	2.357756
#2	1.054442	1.035461	1.001398	1.048488	1.041891	2.365737
#3	1.053232	1.022647	.999788	1.045519	1.041629	2.353567

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5337391	.4957363	.5069134	9.362105	.5073903	.4903304
Stddev	.0032763	.0011893	.0007934	.043412	.0014087	.0012222
%RSD	.6138471	.2399127	.1565100	.4636988	.2776399	.2492690
#1	.5300053	.4943736	.5063590	9.316887	.5086323	.4899676
#2	.5361337	.4965655	.5078222	9.365974	.5058596	.4916930
#3	.5350782	.4962699	.5065589	9.403452	.5076789	.4893307

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5127434	9.383237	.4829514	5.994581	.4938373	.2457877
Stddev	.0029749	.032489	.0039747	.047699	.0005068	.0010944
%RSD	.5801919	.3462404	.8230095	.7957089	.1026157	.4452708
#1	.5161616	9.346434	.4783785	5.940471	.4932659	.2458881
#2	.5107389	9.395343	.4848990	6.030542	.4940140	.2446466
#3	.5113299	9.407935	.4855768	6.012730	.4942321	.2468285

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.08781	.4742714	.9935412	9.741589	F -.009678	F -.000363
Stddev	.03358	.0032535	.0031673	.049355	.000859	.000132
%RSD	.3329041	.6859951	.3187904	.5066414	8.871460	36.28653
#1	10.04905	.4708516	.9971322	9.782832	-.009594	-.000427
#2	10.10839	.4746343	.9923463	9.686906	-.010576	-.000451
#3	10.10598	.4773281	.9911452	9.755030	-.008865	-.000212

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: ICV01 Acquired: 4/14/2025 13:56:56 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICV01 Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F -.001595	F -.001002	F -.001296	F .0053613	F .0016229	F .0019115
Stddev	.001296	.000563	.005290	.0017797	.0031990	.0002192
%RSD	81.25814	56.23780	408.2052	33.19552	197.1160	11.46817
#1	-.001765	-.001506	.004343	.0038666	.0040768	.0016755
#2	-.000222	-.001106	-.002081	.0073300	-.001995	.0021089
#3	-.002798	-.000394	-.006149	.0048872	.002787	.0019499

Elem	Sr4077
Units	ppm
Avg	F .0011184
Stddev	.0000302
%RSD	2.696014
#1	.0011507
#2	.0011133
#3	.0010911

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2718.615	65862.08	13031.76	1775.639	4258.600
Stddev	12.151	246.48	14.96	7.525	6.006
%RSD	.4469658	.3742432	.1147814	.4237920	.1410328
#1	2704.663	65683.26	13048.49	1769.232	4257.783
#2	2726.880	66143.25	13027.09	1783.926	4253.045
#3	2724.302	65759.73	13019.69	1773.760	4264.973

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: LLICV01 Acquired: 4/14/2025 14:01:08 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LLICV Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0227893	.0418343	.0123649	.0190461	.0532142	.0975031	.0960501
Stddev	.0015849	.0007695	.0005014	.0014662	.0018150	.0025698	.0007404
%RSD	6.954646	1.839480	4.054936	7.698244	3.410707	2.635587	.7708721
#1	.0223958	.0418524	.0127023	.0195539	.0514324	.0972468	.0952069
#2	.0214382	.0410558	.0117887	.0201909	.0550606	.0950710	.0963490
#3	.0245338	.0425946	.0126036	.0173935	.0531494	.1001914	.0965943

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0060014	.0061218	1.978376	.0098072	.0295510	.0226213	.0994245
Stddev	.0000963	.0000265	.005711	.0000368	.0001172	.0002042	.0045739
%RSD	1.604031	.4324787	.2886888	.3756752	.3964366	.9024496	4.600396
#1	.0058905	.0061445	1.973767	.0098164	.0295345	.0227871	.0941474
#2	.0060497	.0061281	1.976596	.0098386	.0294430	.0226836	.1022504
#3	.0060639	.0060927	1.984765	.0097666	.0296756	.0223933	.1018757

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0205692	2.080715	.0395081	.0100375	1.838124	.0404484	.0416406
Stddev	.0006205	.016312	.0001840	.0001132	.026267	.0006190	.0003608
%RSD	3.016518	.7839730	.4657026	1.127332	1.429030	1.530381	.8664781
#1	.0201527	2.074314	.0396748	.0101600	1.867350	.0406460	.0419939
#2	.0202726	2.068575	.0395389	.0100156	1.816487	.0409445	.0412727
#3	.0212823	2.099257	.0393107	.0099369	1.830535	.0397547	.0416553

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.921338	.1080123	.2116963	.0395785	.0397798	.3221741	.0218066
Stddev	.022532	.0010407	.0014531	.0007899	.0002400	.0065921	.0007453
%RSD	1.172709	.9634554	.6863906	1.995861	.6033634	2.046129	3.417654
#1	1.944608	.1068109	.2132731	.0404827	.0395349	.3250910	.0212511
#2	1.919782	.1085952	.2104111	.0390227	.0400146	.3268046	.0215152
#3	1.899625	.1086309	.2114048	.0392300	.0397899	.3146268	.0226536

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: LLICV01 Acquired: 4/14/2025 14:01:08 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LLICV Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0195826	.0187333	.0200304
Stddev	.0010927	.0008088	.0000366
%RSD	5.580062	4.317229	.1826557
#1	.0203363	.0178097	.0200461
#2	.0200822	.0193150	.0199886
#3	.0183294	.0190751	.0200565

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2778.742	66985.72	13128.46	1834.829	4408.992
Stddev	9.135	215.68	53.63	9.817	5.945
%RSD	.3287416	.3219836	.4084725	.5350359	.1348435
#1	2769.650	66758.12	13188.37	1825.701	4402.419
#2	2778.655	67011.95	13084.95	1833.573	4413.994
#3	2787.920	67187.09	13112.05	1845.214	4410.562

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: ICB01 Acquired: 4/14/2025 14:05:27 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0009095	-.000535	.0002753	.0001565	-.000541	.0028645	.0000981
Stddev	.0009381	.001648	.0003458	.0018769	.001822	.0056359	.0003041
%RSD	103.1414	307.6805	125.5998	1199.442	336.8530	196.7513	310.0664
#1	.0015356	-.001274	.0000340	-.001506	.001561	.0031071	-.000205
#2	.0013620	.001352	.0001204	-.000216	-.001517	-.002889	.000404
#3	-.000169	-.001684	.0006714	.002192	-.001667	.008375	.000095

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000286	-.000125	-.015658	-.000119	-.000017	.0001345	-.000760
Stddev	.0000247	.000069	.001546	.000113	.000051	.0002971	.003334
%RSD	86.24025	55.13202	9.875477	94.59249	307.1495	220.8575	438.9243
#1	.0000570	-.000046	-.015450	.000001	-.000008	.0004201	.002895
#2	.0000122	-.000169	-.014226	-.000223	-.000071	.0001565	-.003635
#3	.0000167	-.000159	-.017298	-.000135	.000030	-.000173	-.001539

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007962	.0051026	-.000013	-.000216	-.005808	.0017189	-.000342
Stddev	.0002033	.0134907	.000207	.000184	.010896	.0019767	.000123
%RSD	25.53490	264.3899	1617.616	85.14773	187.6121	115.0036	35.88194
#1	.0006459	.0093755	.000213	-.000349	-.012871	.0022768	-.000239
#2	.0007152	-.010007	-.000192	-.000006	-.011294	-.000477	-.000478
#3	.0010275	.015939	-.000059	-.000292	.006741	.003357	-.000309

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.026630	.0018003	-.000207	-.000421	-.000757	.0121277	-.000072
Stddev	.011795	.0000971	.000081	.000805	.000238	.0017364	.001522
%RSD	44.29062	5.394015	39.08526	191.2611	31.39717	14.31764	2126.021
#1	-.027151	.0019109	-.000115	-.000897	-.000566	.0137013	-.000127
#2	-.014584	.0017291	-.000265	-.000874	-.000681	.0124170	.001478
#3	-.038156	.0017609	-.000243	.000509	-.001023	.0102648	-.001566

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: ICB01 Acquired: 4/14/2025 14:05:27 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICB01 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001035	-.002146	-.000171
Stddev	.001747	.000404	.000043
%RSD	168.8088	18.81450	25.21411
#1	-.001796	-.002504	-.000205
#2	-.002273	-.002224	-.000187
#3	.000964	-.001708	-.000123

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2774.118	67685.07	13187.78	1851.767	4428.802
Stddev	5.871	144.30	87.13	6.252	7.696
%RSD	.2116224	.2131994	.6606580	.3376390	.1737613
#1	2769.439	67667.29	13217.76	1858.946	4426.215
#2	2780.706	67837.44	13089.63	1848.845	4437.458
#3	2772.210	67550.48	13255.96	1847.512	4422.734

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: CRI01 Acquired: 4/14/2025 14:09:48 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CRI Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0223440	.0418003	.0122450	.0196346	.0517182	.0917469	.0956099
Stddev	.0006660	.0007114	.0006646	.0005770	.0021955	.0077840	.0009149
%RSD	2.980470	1.701963	5.427379	2.938500	4.245120	8.484176	.9568792
#1	.0230573	.0423138	.0116235	.0191081	.0493237	.0999648	.0965041
#2	.0217385	.0420988	.0121660	.0202514	.0536366	.0907906	.0946757
#3	.0222362	.0409883	.0129456	.0195444	.0521942	.0844852	.0956499

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0057582	.0060793	1.970634	.0096748	.0293443	.0226546	.1016313
Stddev	.0000623	.0000468	.006751	.0001391	.0002479	.0002872	.0046421
%RSD	1.081396	.7700938	.3425750	1.437363	.8446659	1.267657	4.567538
#1	.0057934	.0061039	1.975518	.0098143	.0295802	.0224279	.1042061
#2	.0056863	.0061088	1.962931	.0096739	.0290860	.0229775	.1044154
#3	.0057948	.0060253	1.973454	.0095362	.0293665	.0225583	.0962725

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0204159	2.058943	.0393922	.0098755	1.839906	.0407478	.0410169
Stddev	.0002783	.012017	.0003591	.0002946	.028182	.0003444	.0004100
%RSD	1.362908	.5836480	.9117026	2.983284	1.531698	.8452538	.9994606
#1	.0203228	2.071557	.0390678	.0101996	1.860565	.0410299	.0409819
#2	.0207288	2.047628	.0397781	.0098031	1.851351	.0408495	.0414432
#3	.0201962	2.057644	.0393305	.0096239	1.807802	.0403640	.0406255

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.932960	.1005690	.2134214	.0399294	.0401463	.3405009	.0206699
Stddev	.031462	.0009768	.0001174	.0005473	.0003875	.0075690	.0029763
%RSD	1.627655	.9713120	.0550188	1.370679	.9651880	2.222912	14.39938
#1	1.908096	.1011101	.2132967	.0393011	.0397029	.3484475	.0175778
#2	1.968331	.0994413	.2134376	.0403027	.0404202	.3333765	.0235151
#3	1.922453	.1011554	.2135298	.0401844	.0403157	.3396787	.0209167

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: CRI01 Acquired: 4/14/2025 14:09:48 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CRI Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0201602	.0187081	.0200434
Stddev	.0057891	.0006850	.0000878
%RSD	28.71576	3.661694	.4379598
#1	.0135414	.0194869	.0201240
#2	.0226586	.0181989	.0199499
#3	.0242805	.0184385	.0200565

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2777.124	67546.73	13662.85	1825.250	4436.871
Stddev	2.092	129.66	39.14	3.300	7.093
%RSD	.0753157	.1919593	.2865068	.1807805	.1598751
#1	2778.279	67610.34	13623.69	1824.740	4440.905
#2	2778.383	67397.55	13701.98	1822.234	4441.028
#3	2774.709	67632.30	13662.87	1828.775	4428.681

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: ICSA01 Acquired: 4/14/2025 14:14:07 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICSA Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0107698	.0054923	.0050291	-.000723	.0013839	235.8746
Stddev	.0015933	.0007631	.0029832	.005372	.0016963	4.0153
%RSD	14.79396	13.89463	59.31844	743.1900	122.5750	1.702305
#1	.0101949	.0051087	.0028753	-.006731	.0008762	235.7283
#2	.0125707	.0063711	.0084342	.000946	-.000001	239.9611
#3	.0095437	.0049970	.0037780	.003617	.003276	231.9345

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0046882	.0013175	-.001943	226.3098	.0551878	.0017709
Stddev	.0004501	.0000285	.000127	.6132	.0006032	.0002353
%RSD	9.600306	2.162489	6.511892	.2709351	1.093013	13.28796
#1	.0050399	.0013132	-.001854	226.1325	.0549448	.0017786
#2	.0048438	.0012914	-.001887	226.9921	.0558746	.0015318
#3	.0041810	.0013479	-.002088	225.8048	.0547439	.0020022

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0092615	99.02089	-.000134	242.4424	.0012000	-.003742
Stddev	.0003791	.63602	.000190	.9961	.0004278	.000103
%RSD	4.093701	.6423135	141.9187	.4108678	35.65096	2.739669
#1	.0093991	98.42049	-.000279	242.6579	.0016498	-.003727
#2	.0095526	98.95482	.000082	243.3132	.0011522	-.003648
#3	.0088328	99.68738	-.000205	241.3562	.0007981	-.003851

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0814294	.0037803	.0041033	.0118367	-.090423	-.000029
Stddev	.0045592	.0010517	.0006489	.0247439	.002310	.000436
%RSD	5.598921	27.82074	15.81333	209.0442	2.554862	1508.872
#1	.0794157	.0027500	.0048296	.0139640	-.091405	.000226
#2	.0866487	.0048522	.0035808	-.013902	-.092080	.000219
#3	.0782237	.0037387	.0038996	.035448	-.087784	-.000533

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: ICSA01 Acquired: 4/14/2025 14:14:07 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICSA Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.005979	-.001346	.0196425	.0025661	-.014142	.0038594
Stddev	.001361	.000291	.0034961	.0036469	.006563	.0008416
%RSD	22.76577	21.58686	17.79855	142.1221	46.41138	21.80718
#1	-.007100	-.001195	.0231331	.0065394	-.019426	.0033321
#2	-.006373	-.001681	.0161409	.0017875	-.006795	.0048300
#3	-.004464	-.001162	.0196535	-.000629	-.016204	.0034161

Elem	Sr4077
Units	ppm
Avg	F .0951038
Stddev	.0002469
%RSD	.2595768
#1	.0948239
#2	.0952905
#3	.0951971

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2456.379	58835.46	13170.88	1581.638	3562.561
Stddev	5.546	151.96	75.26	.834	7.799
%RSD	.2257797	.2582793	.5714185	.0527429	.2189193
#1	2452.344	59010.93	13152.96	1580.732	3565.663
#2	2462.703	58748.45	13106.19	1582.375	3568.333
#3	2454.090	58747.02	13253.48	1581.807	3553.689

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: ICSAB01 Acquired: 4/14/2025 14:18:32 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICSAB Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1138412	.1032843	.0538474	.0470558	.6462207	236.4107
Stddev	.0053064	.0031155	.0016875	.0015543	.0044182	1.3978
%RSD	4.661206	3.016485	3.133945	3.303148	.6837038	.5912665
#1	.1162706	.1068074	.0553787	.0454051	.6495870	238.0226
#2	.1077551	.1021529	.0520381	.0472711	.6412176	235.6768
#3	.1174980	.1008924	.0541253	.0484913	.6478574	235.5327

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4787595	.4932019	1.042878	226.1740	.5525692	.5070907
Stddev	.0015257	.0017049	.001882	.3493	.0018313	.0011848
%RSD	.3186798	.3456716	.1804490	.1544258	.3314111	.2336391
#1	.4804703	.4923329	1.040718	226.2682	.5505840	.5061930
#2	.4782685	.4921066	1.044167	225.7873	.5529312	.5066456
#3	.4775398	.4951662	1.043747	226.4666	.5541925	.5084336

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5063698	95.22607	.4705768	242.9648	.9999994	.1793076
Stddev	.0015019	.04718	.0003346	.5371	.0018794	.0002930
%RSD	.2966045	.0495471	.0711097	.2210533	.1879442	.1634177
#1	.5073053	95.17272	.4703371	243.3512	.9987756	.1790992
#2	.5046373	95.24321	.4704343	242.3515	.9990593	.1791810
#3	.5071667	95.26229	.4709591	243.1917	1.002163	.1796426

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0665623	.4730783	1.039448	-.012325	F -.110759	F -.000417
Stddev	.0061096	.0028366	.006139	.007811	.001709	.000490
%RSD	9.178758	.5996024	.5906102	63.37931	1.542993	117.5905
#1	.0660365	.4762247	1.033579	-.003863	-.111213	-.000730
#2	.0729178	.4722935	1.038938	-.019261	-.108868	.000148
#3	.0607326	.4707168	1.045826	-.013851	-.112194	-.000669

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: ICSAB01 Acquired: 4/14/2025 14:18:32 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICSAB Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F -.004811	F -.002715	F .0119298	F .0028129	F -.009537	F .0014784
Stddev	.000571	.000454	.0020671	.0021506	.008513	.0010637
%RSD	11.86408	16.73289	17.32730	76.45530	89.26457	71.94955
#1	-.004951	-.003222	.0106683	.0003812	-.019171	.0004567
#2	-.005299	-.002346	.0108057	.0035924	-.003031	.0025797
#3	-.004183	-.002576	.0143154	.0044650	-.006408	.0013988

Elem	Sr4077
Units	ppm
Avg	F .0954914
Stddev	.0004858
%RSD	.5086865
#1	.0960513
#2	.0952389
#3	.0951838

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2447.426	59645.68	12692.71	1610.678	3541.487
Stddev	2.335	96.32	34.21	4.518	1.642
%RSD	.0953870	.1614838	.2695515	.2805207	.0463710
#1	2444.885	59746.50	12703.95	1615.868	3543.063
#2	2449.476	59635.94	12719.89	1607.615	3539.785
#3	2447.918	59554.61	12654.29	1608.553	3541.613

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: ICSADLX20 Acquired: 4/14/2025 14:22:47 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICSADLX20 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0020450	-.000729	.0005994	-.001710	-.000070	11.60726
Stddev	.0032550	.000187	.0006533	.000550	.000735	.03043
%RSD	159.1651	25.64271	108.9988	32.17951	1056.772	.2621330
#1	.0029896	-.000513	-.000042	-.002026	.000474	11.61762
#2	-.001578	-.000824	.001264	-.002028	.000224	11.63116
#3	.004723	-.000848	.000576	-.001074	-.000906	11.57301

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001168	.0001106	-.000136	11.50165	.0025300	-.000034
Stddev	.000367	.0000705	.000048	.01534	.0003901	.000114
%RSD	31.43750	63.72421	35.20607	.1334053	15.41683	332.3748
#1	-.001541	.0000330	-.000081	11.48435	.0023648	.000012
#2	-.001156	.0001282	-.000166	11.51363	.0022498	.000049
#3	-.000807	.0001706	-.000160	11.50697	.0029755	-.000165

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006675	F 4.246804	.0003854	11.92901	-.000175	-.000298
Stddev	.0001695	.019268	.0005746	.01099	.000182	.000236
%RSD	25.39102	.4536986	149.1016	.0921196	103.6912	79.36423
#1	.0005620	4.266220	-.000210	11.91717	-.000002	-.000542
#2	.0005775	4.227688	.000430	11.93099	-.000160	-.000070
#3	.0008630	4.246505	.000936	11.93888	-.000364	-.000281

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.050530	.0012037	-.000180	-.036655	-.008794	-.000100
Stddev	.008417	.0009095	.000088	.017400	.000675	.000215
%RSD	16.65763	75.55907	49.17170	47.47012	7.673818	214.7116
#1	-.054412	.0011104	-.000280	-.049186	-.008342	.000139
#2	-.056306	.0021563	-.000149	-.043992	-.008469	-.000278
#3	-.040872	.0003445	-.000111	-.016788	-.009570	-.000161

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: ICSADLX20 Acquired: 4/14/2025 14:22:47 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICSADLX20 Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001486	-.000599	.0058004	.0013857	.0010042	-.001254
Stddev	.000876	.000626	.0008703	.0019162	.0034118	.000269
%RSD	58.99304	104.4197	15.00433	138.2842	339.7668	21.45351
#1	-.000627	-.000053	.0056760	-.000820	.0037437	-.001514
#2	-.002379	-.000462	.0067263	.002644	-.002817	-.000976
#3	-.001451	-.001282	.0049990	.002333	.002086	-.001271

Elem	Sr4077
Units	ppm
Avg	.0046682
Stddev	.0000383
%RSD	.8202797
#1	.0047012
#2	.0046772
#3	.0046262

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2770.707	67067.76	11782.25	1827.213	4319.386
Stddev	7.588	288.55	29.67	7.977	6.338
%RSD	.2738611	.4302390	.2518127	.4365535	.1467347
#1	2763.325	66894.91	11806.60	1822.282	4314.545
#2	2778.485	67400.87	11749.20	1836.416	4326.560
#3	2770.313	66907.50	11790.94	1822.940	4317.054

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: ICSABDLX20 Acquired: 4/14/2025 14:27:04 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICSABDLX20 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0100480	.0051612	.0033170	.0005228	.0318619	11.49939	.0250976
Stddev	.0023004	.0030984	.0017315	.0041753	.0009733	.02421	.0002310
%RSD	22.89432	60.03280	52.20018	798.6092	3.054716	.2105240	.9202444
#1	.0112479	.0030072	.0052444	.0041412	.0307553	11.49068	.0248531
#2	.0073957	.0037642	.0018931	.0014730	.0322452	11.48073	.0253121
#3	.0115005	.0087121	.0028135	-.004046	.0325851	11.52674	.0251274

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0249502	.0509936	11.63855	.0277591	.0242464	.0260972	4.663872
Stddev	.0002731	.0000693	.05251	.0000648	.0001994	.0003586	.021955
%RSD	1.094671	.1358722	.4511869	.2332564	.8222763	1.373897	.4707461
#1	.0246371	.0509855	11.58053	.0278286	.0244732	.0261222	4.672897
#2	.0251395	.0509288	11.68283	.0277481	.0241670	.0257268	4.679877
#3	.0250740	.0510666	11.65229	.0277005	.0240989	.0264426	4.638843

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0250007	11.81450	.0492001	.0081455	-.018578	.0243027	.0503069
Stddev	.0005571	.08343	.0001991	.0003008	.004802	.0006825	.0002994
%RSD	2.228239	.7061809	.4046141	3.693380	25.84705	2.808346	.5952407
#1	.0245341	11.71880	.0490683	.0079650	-.022195	.0237804	.0499620
#2	.0256175	11.85271	.0491029	.0084927	-.020410	.0250750	.0504577
#3	.0248507	11.87198	.0494291	.0079786	-.013130	.0240529	.0505009

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.089602	-.007070	-.000055	-.001786	-.000456	.0080257	.0004681
Stddev	.007036	.000338	.000260	.000219	.000608	.0019976	.0016775
%RSD	7.852746	4.785149	469.3809	12.28094	133.3230	24.89016	358.3760
#1	-.096234	-.006696	-.000274	-.001730	-.001088	.0071059	.0019027
#2	-.082221	-.007161	-.000124	-.002027	-.000404	.0103175	-.001376
#3	-.090351	-.007354	.000232	-.001600	.000124	.0066536	.000878

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: ICSABDLX20 Acquired: 4/14/2025 14:27:04 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICSABDLX20 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0031549	-.000742	.0047736
Stddev	.0018412	.000510	.0000321
%RSD	58.36020	68.75959	.6717526
#1	.0052245	-.001223	.0047369
#2	.0025412	-.000795	.0047877
#3	.0016989	-.000207	.0047963

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2742.309	68029.49	13300.55	1850.099	4279.235
Stddev	2.899	53.04	67.50	6.944	5.944
%RSD	.1056966	.0779668	.5075306	.3753150	.1389019
#1	2739.394	67968.60	13376.47	1857.453	4275.177
#2	2745.190	68065.65	13277.89	1843.656	4286.058
#3	2742.343	68054.22	13247.29	1849.189	4276.470

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: CCV01 Acquired: 4/14/2025 14:31:20 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.907529	5.047399	4.937839	4.925506	4.923125	9.747603	9.640581
Stddev	.012662	.035068	.016657	.013711	.010959	.005053	.056457
%RSD	.2580169	.6947716	.3373249	.2783700	.2225931	.0518389	.5856228
#1	4.896389	5.007155	4.919749	4.922761	4.913598	9.744679	9.623694
#2	4.904897	5.063639	4.941226	4.913374	4.920675	9.744692	9.703555
#3	4.921300	5.071403	4.952541	4.940382	4.935101	9.753438	9.594494

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2557222	2.462789	24.39178	1.001308	2.462000	1.243287	4.829014
Stddev	.0007898	.007938	.08045	.001783	.006749	.003474	.014301
%RSD	.3088677	.3222976	.3298404	.1780382	.2741312	.2794186	.2961479
#1	.2566254	2.455163	24.42090	.999271	2.455472	1.240606	4.823668
#2	.2551608	2.462198	24.30082	1.002073	2.461578	1.242043	4.818156
#3	.2553804	2.471005	24.45361	1.002581	2.468950	1.247211	4.845218

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.440414	24.36680	2.461376	1.246640	23.81924	2.444548	2.512587
Stddev	.007227	.13520	.007500	.001895	.05383	.006234	.011877
%RSD	.2961338	.5548335	.3047008	.1520430	.2259742	.2550004	.4727177
#1	2.446009	24.29602	2.455470	1.246323	23.84630	2.451347	2.499450
#2	2.432255	24.28169	2.458844	1.248674	23.85417	2.439101	2.522567
#3	2.442978	24.52269	2.469815	1.244923	23.75725	2.443198	2.515745

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.80082	5.094817	4.999308	4.955782	4.854846	4.767152	4.936648
Stddev	.06759	.016847	.012778	.025349	.007224	.024712	.014304
%RSD	.2839616	.3306617	.2555879	.5115044	.1487987	.5183803	.2897573
#1	23.79959	5.114130	4.988712	4.933909	4.863078	4.748808	4.934097
#2	23.86901	5.087174	4.995713	4.949872	4.851896	4.757394	4.923792
#3	23.73386	5.083146	5.013498	4.983563	4.849565	4.795253	4.952057

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: CCV01 Acquired: 4/14/2025 14:31:20 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV01 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.865845	4.868245	4.894648
Stddev	.019477	.010174	.036500
%RSD	.4002781	.2089890	.7457221
#1	4.845352	4.877773	4.896636
#2	4.884115	4.869432	4.857194
#3	4.868069	4.857529	4.930114

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2689.929	64107.09	12420.37	1724.308	4063.001
Stddev	6.257	101.10	21.25	9.442	11.179
%RSD	.2325992	.1576990	.1710573	.5475759	.2751536
#1	2692.136	64222.33	12405.25	1734.557	4070.537
#2	2694.783	64033.35	12444.66	1715.964	4068.311
#3	2682.868	64065.58	12411.19	1722.404	4050.157

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: CCB01 Acquired: 4/14/2025 14:35:31 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0035805	.0000334	.0006423	-.002423	.0010170	-.000434	-.000714
Stddev	.0005409	.0004532	.0012852	.001588	.0008246	.000808	.000638
%RSD	15.10593	1357.608	200.1000	65.53085	81.07985	186.0715	89.27533
#1	.0037790	-.000145	.0009802	-.000603	.0008180	.000147	-.000051
#2	.0039941	-.000303	.0017247	-.003523	.0003101	-.001357	-.001322
#3	.0029684	.000549	-.000778	-.003144	.0019228	-.000093	-.000770

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000244	-.000077	-.002142	-.000314	.0000913	-.000080	-.005489
Stddev	.0000350	.000044	.005670	.000333	.0002458	.000350	.002676
%RSD	143.7194	57.22717	264.7624	106.1983	269.1606	436.9808	48.74614
#1	.0000475	-.000026	.004062	.000018	-.000133	.000323	-.002899
#2	.0000416	-.000105	-.007057	-.000312	.000354	-.000260	-.008243
#3	-.000016	-.000099	-.003429	-.000648	.000053	-.000302	-.005326

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002985	.0047269	-.000310	.0000119	-.038744	.0006306	-.000621
Stddev	.0004126	.0060725	.000084	.0003222	.009156	.0004525	.000259
%RSD	138.2565	128.4677	27.08627	2711.198	23.63346	71.76463	41.63253
#1	.0000940	-.000027	-.000399	.0001184	-.048818	.0003116	-.000542
#2	.0007734	.002640	-.000232	-.000350	-.030928	.0004317	-.000910
#3	.0000280	.011568	-.000298	.000267	-.036485	.0011485	-.000411

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.063751	.0056929	-.000007	-.000436	.0004699	.0125556	.0037255
Stddev	.007608	.0002540	.000201	.000114	.0004811	.0032444	.0029090
%RSD	11.93398	4.461015	2730.671	26.14283	102.3980	25.84065	78.08381
#1	-.055148	.0056359	.000201	-.000409	.0003158	.0139473	.0003978
#2	-.066511	.0054723	-.000200	-.000339	.0010092	.0148721	.0057857
#3	-.069594	.0059705	-.000023	-.000562	.0000846	.0088475	.0049930

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: CCB01 Acquired: 4/14/2025 14:35:31 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB01 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0014328	-.000946	-.000093
Stddev	.0017527	.000195	.000025
%RSD	122.3331	20.67007	27.27219
#1	.0011088	-.000765	-.000109
#2	.0033248	-.000918	-.000064
#3	-.000135	-.001153	-.000106

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2763.827	66588.13	13242.46	1780.894	4488.543
Stddev	2.016	56.83	46.05	10.592	1.072
%RSD	.0729527	.0853445	.3477168	.5947648	.0238759
#1	2762.189	66628.17	13293.52	1780.060	4487.677
#2	2763.214	66523.09	13229.76	1770.744	4489.742
#3	2766.079	66613.14	13204.09	1791.879	4488.211

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1743-04 Acquired: 4/14/2025 14:39:52 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003548	-.008588	.4441389	.0055056	.0022213	.0123606	.4942526
Stddev	.000755	.002184	.0008166	.0009914	.0021374	.0050057	.0011643
%RSD	21.27746	25.43711	.1838553	18.00788	96.22119	40.49677	.2355658
#1	-.004237	-.006323	.4431978	.0047693	.0011244	.0117758	.4929436
#2	-.002741	-.010682	.4445584	.0066329	.0046844	.0176330	.4951724
#3	-.003666	-.008758	.4446604	.0051145	.0008551	.0076731	.4946418

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000010	.0009836	33.98492	.0011321	.0353183	.0268232	.3619080
Stddev	.000037	.0000417	.12921	.0002301	.0001960	.0005607	.0034559
%RSD	365.9858	4.244087	.3801839	20.32064	.5549504	2.090293	.9549129
#1	-.000052	.0010059	33.83705	.0009979	.0350931	.0270098	.3625620
#2	.000012	.0009355	34.07600	.0010006	.0354115	.0261930	.3581719
#3	.000010	.0010095	34.04171	.0013977	.0354503	.0272667	.3649903

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8588559	8.580820	.0107680	-.000189	403.3876	.0009913	.4235103
Stddev	.0053332	.078637	.0003724	.000168	3.7800	.0006335	.0011137
%RSD	.6209634	.9164283	3.458863	88.49589	.9370736	63.89993	.2629737
#1	.8527078	8.490520	.0105131	-.000118	407.6990	.0017122	.4227052
#2	.8622357	8.617710	.0105955	-.000069	400.6422	.0005236	.4247813
#3	.8616243	8.634230	.0111954	-.000381	401.8217	.0007382	.4230444

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7957800	.0387096	.0000773	-.002036	-.001616	.6991795	.0121218
Stddev	.0371264	.0002520	.0002175	.000390	.000289	.0097185	.0028448
%RSD	4.665406	.6510479	281.4533	19.15638	17.86733	1.389991	23.46884
#1	.8011991	.0385046	.0003127	-.001987	-.001932	.7065787	.0152754
#2	.8298989	.0386333	.0000354	-.002449	-.001550	.6881732	.0097486
#3	.7562418	.0389910	-.000116	-.001673	-.001366	.7027868	.0113414

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1743-04 Acquired: 4/14/2025 14:39:52 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5652993	-.008076	.1002221
Stddev	.0036252	.000249	.0002603
%RSD	.6412871	3.079948	.2597535
#1	.5659906	-.007924	.0999323
#2	.5685291	-.008363	.1004363
#3	.5613783	-.007941	.1002977

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2518.020	61613.70	13767.70	1652.327	3722.652
Stddev	5.323	107.45	32.40	3.073	2.576
%RSD	.2113841	.1743858	.2353378	.1859749	.0691923
#1	2523.240	61489.72	13784.53	1649.139	3722.243
#2	2512.600	61671.78	13730.34	1652.572	3720.305
#3	2518.219	61679.61	13788.21	1655.270	3725.408

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1743-04DUP Acquired: 4/14/2025 14:44:17 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002966	-.006614	.4436653	.0010381	.0034838	.0103903	.4887903
Stddev	.002295	.001790	.0006488	.0005315	.0007730	.0070961	.0008231
%RSD	77.36715	27.06823	.1462334	51.19835	22.18960	68.29569	.1683928
#1	-.005392	-.007969	.4438738	.0006903	.0027339	.0048033	.4893506
#2	-.002675	-.007288	.4429380	.0016500	.0042781	.0183746	.4891750
#3	-.000831	-.004584	.4441843	.0007742	.0034394	.0079930	.4878453

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000019	.0010014	33.96056	.0028478	.0352941	.0266595	.3284949
Stddev	.000044	.0000742	.03227	.0004901	.0004337	.0001369	.0046570
%RSD	234.0315	7.408778	.0950089	17.21067	1.228673	.5135840	1.417672
#1	-.000070	.0009976	33.99008	.0029913	.0348685	.0268108	.3242536
#2	.000012	.0010775	33.92611	.0032501	.0352783	.0265441	.3277526
#3	.000001	.0009292	33.96548	.0023019	.0357354	.0266237	.3334784

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8693811	8.655594	.0108451	-.000378	376.9959	-.000142	.4236942
Stddev	.0011958	.045009	.0002758	.000052	1.6711	.000441	.0010150
%RSD	.1375484	.5199951	2.543025	13.75299	.4432564	311.1223	.2395677
#1	.8700466	8.610603	.0106979	-.000432	378.5663	.000293	.4247426
#2	.8680005	8.700620	.0111632	-.000375	375.2397	-.000130	.4236239
#3	.8700960	8.655558	.0106740	-.000328	377.1816	-.000588	.4227162

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7664532	.0395938	.0000590	-.002144	-.001646	.6668056	.0101990
Stddev	.0301629	.0003293	.0002014	.000405	.000502	.0142247	.0013285
%RSD	3.935385	.8315948	341.6260	18.87296	30.47183	2.133263	13.02595
#1	.7817005	.0399342	.0002115	-.001754	-.001123	.6772921	.0103138
#2	.7859485	.0395701	.0001347	-.002118	-.002123	.6725109	.0114663
#3	.7317106	.0392770	-.000169	-.002562	-.001691	.6506140	.0088168

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1743-04DUP Acquired: 4/14/2025 14:44:17 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5589736	-.009023	.0995039
Stddev	.0028528	.000257	.0001514
%RSD	.5103644	2.850695	.1521445
#1	.5603408	-.009319	.0993940
#2	.5556946	-.008890	.0996766
#3	.5608856	-.008859	.0994410

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2535.646	62018.64	13039.06	1677.320	3744.912
Stddev	5.238	68.12	40.59	2.155	9.850
%RSD	.2065928	.1098385	.3113106	.1284790	.2630213
#1	2530.692	62079.74	13019.41	1678.683	3739.541
#2	2541.129	62031.00	13085.74	1674.836	3756.280
#3	2535.119	61945.19	13012.04	1678.442	3738.915

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1743-04LX5 Acquired: 4/14/2025 14:48:42 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000636	-.002183	.0930652	.0008707	.0003870	.0045174	.1001412
Stddev	.001221	.000471	.0010760	.0027154	.0012523	.0018585	.0006729
%RSD	192.0898	21.56982	1.156149	311.8502	323.6261	41.14084	.6719621
#1	.000316	-.002496	.0939020	.0034932	-.000746	.0025920	.1001372
#2	-.000211	-.001642	.0918515	-.001929	.001732	.0046593	.0994703
#3	-.002013	-.002412	.0934421	.001048	.000176	.0063009	.1008161

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000405	.0002328	7.077299	.0015865	.0072167	.0054696	.0775978
Stddev	.0000178	.0000810	.005015	.0002715	.0001025	.0003264	.0040018
%RSD	44.01014	34.80940	.0708645	17.11221	1.420729	5.968265	5.157138
#1	.0000212	.0001459	7.082190	.0012753	.0071368	.0057348	.0766892
#2	.0000439	.0002462	7.072168	.0017094	.0073323	.0051050	.0741283
#3	.0000564	.0003062	7.077538	.0017749	.0071811	.0055689	.0819758

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1786379	1.809542	.0021783	-.000189	74.81085	.0012219	.0839971
Stddev	.0012009	.021118	.0001238	.000511	1.00858	.0017522	.0008373
%RSD	.6722658	1.167025	5.682750	270.6859	1.348168	143.3926	.9968205
#1	.1777689	1.798184	.0022847	-.000674	74.41331	.0018754	.0838113
#2	.1781367	1.833908	.0020425	.000344	74.06162	-.000763	.0849116
#3	.1800083	1.796534	.0022078	-.000236	75.95762	.002553	.0832682

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1191489	.0084093	-.000135	-.000415	-.001016	.1307528	.0054433
Stddev	.0229542	.0003515	.000128	.000688	.000679	.0057251	.0014185
%RSD	19.26511	4.179918	94.82769	165.9945	66.76404	4.378575	26.05898
#1	.0950951	.0086599	-.000254	-.000430	-.001798	.1352546	.0059124
#2	.1215346	.0085605	.000001	.000281	-.000673	.1243094	.0065679
#3	.1408171	.0080075	-.000153	-.001096	-.000579	.1326945	.0038497

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1743-04LX5 Acquired: 4/14/2025 14:48:42 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1137265	.0009472	.0205899
Stddev	.0058850	.0006093	.0000615
%RSD	5.174733	64.32452	.2985458
#1	.1128847	.0016503	.0205947
#2	.1199871	.0006157	.0205262
#3	.1083077	.0005755	.0206488

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2704.952	67040.19	13580.88	1798.625	4139.630
Stddev	8.859	167.68	134.24	11.534	3.017
%RSD	.3275120	.2501217	.9884840	.6412430	.0728878
#1	2714.974	66852.23	13516.59	1799.211	4142.140
#2	2698.166	67093.93	13490.87	1786.809	4140.467
#3	2701.716	67174.42	13735.18	1809.854	4136.282

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1743-04MS Acquired: 4/14/2025 14:52:59 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6784911	1.597581	1.208720	1.663722	.5421964	1.632810	.6245073
Stddev	.0025800	.005751	.004798	.004148	.0026532	.007864	.0005718
%RSD	.3802618	.3599866	.3969329	.2493173	.4893370	.4815990	.0915532
#1	.6767201	1.604220	1.212971	1.668494	.5429244	1.624932	.6238646
#2	.6814513	1.594128	1.209670	1.660980	.5392552	1.640659	.6249595
#3	.6773019	1.594394	1.203518	1.661693	.5444096	1.632837	.6246978

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1577322	.1729414	32.77956	.3363853	.1994939	.2642100	2.860022
Stddev	.0002431	.0006058	.03776	.0007398	.0001479	.0001877	.014252
%RSD	.1541144	.3503131	.1151967	.2199366	.0741200	.0710508	.4983334
#1	.1575242	.1734077	32.74509	.3357557	.1996598	.2642365	2.858895
#2	.1579994	.1731599	32.77367	.3372001	.1993759	.2643831	2.874804
#3	.1576729	.1722566	32.81992	.3362000	.1994461	.2640105	2.846366

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9024473	9.647821	.4199280	.0620860	356.8955	.2484378	.5566870
Stddev	.0007001	.071640	.0009304	.0004447	2.5057	.0019286	.0019002
%RSD	.0775794	.7425512	.2215504	.7162149	.7020749	.7762941	.3413403
#1	.9026757	9.587295	.4209018	.0623042	358.6866	.2465716	.5582769
#2	.9030048	9.726918	.4198338	.0615744	357.9678	.2504233	.5545825
#3	.9016616	9.629250	.4190483	.0623795	354.0321	.2483184	.5572018

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.737415	.2471468	.2833884	.4660358	.1302330	1.091256	5.235722
Stddev	.030928	.0006433	.0008894	.0019681	.0010249	.002805	.017795
%RSD	.3176236	.2602912	.3138370	.4223158	.7869439	.2570502	.3398860
#1	9.746517	.2464363	.2835710	.4683072	.1305202	1.094450	5.255911
#2	9.762772	.2476896	.2824219	.4648352	.1310837	1.090124	5.228940
#3	9.702958	.2473146	.2841723	.4649650	.1290952	1.089193	5.222314

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1743-04MS Acquired: 4/14/2025 14:52:59 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4815071	.1683752	.2625031
Stddev	.0026153	.0001767	.0000233
%RSD	.5431466	.1049228	.0088939
#1	.4806381	.1681784	.2625056
#2	.4794370	.1685202	.2625250
#3	.4844463	.1684268	.2624786

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2608.639	63417.88	13189.04	1695.204	3857.169
Stddev	3.838	136.38	9.30	4.451	8.367
%RSD	.1471183	.2150519	.0704978	.2625793	.2169213
#1	2604.467	63321.85	13191.84	1691.644	3847.526
#2	2612.020	63357.82	13196.61	1700.195	3862.503
#3	2609.430	63573.99	13178.66	1693.773	3861.479

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1743-04MSD Acquired: 4/14/2025 14:57:10 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6999154	1.602388	1.221002	1.707219	.5510655	1.634244	.6032259
Stddev	.0064046	.008062	.001202	.007048	.0019052	.001095	.0020526
%RSD	.9150481	.5030972	.0984543	.4128296	.3457272	.0670185	.3402674
#1	.6935292	1.598057	1.220517	1.701569	.5490398	1.633164	.6050156
#2	.7063382	1.611689	1.220117	1.704970	.5528215	1.635354	.6036766
#3	.6998789	1.597417	1.222370	1.715117	.5513352	1.634214	.6009854

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1652836	.1744944	32.35618	.3399983	.2003505	.2687518	2.750142
Stddev	.0008269	.0005065	.06734	.0002967	.0003518	.0005096	.020262
%RSD	.5002921	.2902771	.2081169	.0872519	.1755716	.1896147	.7367689
#1	.1643434	.1745187	32.28006	.3396648	.2004280	.2681846	2.759603
#2	.1658982	.1739761	32.40797	.3400974	.1999665	.2688997	2.726879
#3	.1656090	.1749883	32.38051	.3402327	.2006571	.2691711	2.763942

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8895325	9.683790	.4240027	.0627369	333.4032	.2431084	.5649456
Stddev	.0011815	.056874	.0008634	.0002105	4.6219	.0005568	.0027581
%RSD	.1328260	.5873074	.2036336	.3354679	1.386268	.2290241	.4881997
#1	.8884493	9.624046	.4240529	.0628118	335.9063	.2437511	.5676584
#2	.8893558	9.737276	.4231153	.0624992	336.2338	.2427705	.5621444
#3	.8907924	9.690049	.4248399	.0628997	328.0697	.2428037	.5650338

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.342518	.2570815	.2862987	.4708933	.1289902	1.079365	5.279580
Stddev	.061035	.0018946	.0003715	.0005079	.0004872	.004793	.007688
%RSD	.6533032	.7369493	.1297446	.1078632	.3777148	.4440953	.1456083
#1	9.412865	.2565264	.2863122	.4703639	.1288734	1.084118	5.271712
#2	9.303631	.2591917	.2859206	.4713766	.1295252	1.079445	5.279956
#3	9.311059	.2555266	.2866632	.4709394	.1285720	1.074532	5.287074

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1743-04MSD Acquired: 4/14/2025 14:57:10 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4902248	.1662569	.2556448
Stddev	.0036723	.0012577	.0003720
%RSD	.7491020	.7564745	.1455243
#1	.4944644	.1675652	.2560734
#2	.4881767	.1661489	.2554562
#3	.4880333	.1650567	.2554049

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2562.816	62284.80	12616.12	1649.500	3821.083
Stddev	4.335	128.92	55.32	5.422	7.407
%RSD	.1691432	.2069833	.4384734	.3286925	.1938403
#1	2566.499	62231.92	12679.82	1646.078	3823.864
#2	2563.910	62431.75	12588.45	1655.751	3826.696
#3	2558.039	62190.72	12580.11	1646.672	3812.688

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1743-04A Acquired: 4/14/2025 15:01:23 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8145957	1.823109	1.364191	1.990299	.8176444	1.900190	.6491657
Stddev	.0026436	.020412	.003292	.003180	.0030633	.014740	.0019799
%RSD	.3245316	1.119619	.2413459	.1597948	.3746468	.7757296	.3049945
#1	.8173576	1.806107	1.365230	1.989799	.8171960	1.905833	.6484737
#2	.8143407	1.817473	1.360505	1.987398	.8209071	1.911275	.6513988
#3	.8120889	1.845747	1.366839	1.993700	.8148300	1.883462	.6476248

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1822858	.2024685	33.15771	.3952465	.2275994	.3067308	3.297763
Stddev	.0011952	.0003494	.06473	.0011331	.0011685	.0008565	.014438
%RSD	.6557033	.1725601	.1952175	.2866832	.5134060	.2792527	.4378075
#1	.1833811	.2023308	33.21388	.3959062	.2269866	.3072601	3.281284
#2	.1810109	.2022090	33.17232	.3939381	.2268647	.3057426	3.303809
#3	.1824654	.2028658	33.08692	.3958952	.2289468	.3071897	3.308194

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9570906	10.06897	.4915438	.0727147	361.0422	.2838844	.5997186
Stddev	.0042017	.04163	.0014838	.0005241	4.2822	.0028736	.0035822
%RSD	.4390079	.4134393	.3018725	.7208169	1.186057	1.012238	.5973091
#1	.9593680	10.11673	.4913450	.0728759	365.4837	.2805663	.6037668
#2	.9596619	10.04034	.4901694	.0721290	360.7032	.2855376	.5969587
#3	.9522419	10.04984	.4931171	.0731394	356.9396	.2855494	.5984304

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.31684	.2810158	.4232115	.6990068	.1944385	1.370756	6.131620
Stddev	.06656	.0021324	.0011488	.0009821	.0008455	.007142	.027362
%RSD	.5881424	.7588271	.2714377	.1405046	.4348315	.5209899	.4462499
#1	11.26336	.2825699	.4225426	.6980730	.1936627	1.363616	6.144116
#2	11.39138	.2785847	.4245379	.6989163	.1943133	1.377899	6.100241
#3	11.29579	.2818927	.4225539	.7000310	.1953397	1.370754	6.150504

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1743-04A Acquired: 4/14/2025 15:01:23 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5313741	.2008440	.2917745
Stddev	.0023823	.0010257	.0008211
%RSD	.4483210	.5106904	.2814163
#1	.5332583	.1996763	.2914410
#2	.5286964	.2012563	.2927099
#3	.5321677	.2015994	.2911726

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2556.806	62177.04	13192.01	1644.691	3794.430
Stddev	1.488	347.94	74.51	9.966	7.750
%RSD	.0582140	.5595962	.5647845	.6059646	.2042389
#1	2555.186	61833.26	13107.28	1636.365	3792.530
#2	2557.120	62168.88	13221.46	1641.975	3802.953
#3	2558.113	62528.99	13247.29	1655.734	3787.808

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1774-02 Acquired: 4/14/2025 15:05:34 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0184295	-.006315	.0444089	.0073609	.0007832	19.99912
Stddev	.0043531	.001532	.0015882	.0045787	.0022323	.09954
%RSD	23.62051	24.25479	3.576368	62.20330	285.0389	.4976998
#1	.0214032	-.006146	.0436147	.0022765	-.000473	19.91836
#2	.0204522	-.004875	.0462375	.0111586	.003361	19.96867
#3	.0134330	-.007924	.0433743	.0086475	-.000538	20.11032

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1894156	.0028824	-.000562	22.28257	.0748547	.0174161
Stddev	.0004871	.0000481	.000050	.05236	.0003532	.0000399
%RSD	.2571409	1.667919	8.890311	.2349852	.4719100	.2292783
#1	.1889735	.0028546	-.000558	22.34236	.0745211	.0174007
#2	.1899377	.0028546	-.000514	22.26043	.0752248	.0173861
#3	.1893356	.0029379	-.000613	22.24492	.0748182	.0174614

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0854809	19.70543	.4740484	7.250707	.0362855	-.001051
Stddev	.0011298	.06557	.0003926	.022207	.0002590	.000264
%RSD	1.321666	.3327467	.0828204	.3062788	.7137849	25.17312
#1	.0866735	19.65909	.4745015	7.240632	.0365680	-.000914
#2	.0853425	19.78045	.4738321	7.235323	.0360593	-.001356
#3	.0844267	19.67675	.4738114	7.276166	.0362292	-.000882

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	122.8683	.0449227	.0911566	156.9577	.0453548	.0410395
Stddev	.6534	.0005778	.0009726	.8393	.0004863	.0001992
%RSD	.5318169	1.286260	1.066963	.5347414	1.072157	.4853149
#1	122.7100	.0445842	.0908934	156.8135	.0457495	.0409237
#2	123.5863	.0445940	.0922337	157.8598	.0455033	.0412695
#3	122.3085	.0455899	.0903426	156.1999	.0448116	.0409253

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1774-02 Acquired: 4/14/2025 15:05:34 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000656	.1070685	F 38.05231	1.991299	20.54173	.0233489
Stddev	.0005407	.0005567	.18342	.009927	.06371	.0007549
%RSD	824.4703	.5199902	.4820276	.4985351	.3101329	3.232933
#1	.0003331	.1064659	37.85211	1.980752	20.58872	.0226020
#2	-.000557	.1075638	38.21228	1.992684	20.46922	.0241115
#3	.000420	.1071757	38.09254	2.000461	20.56725	.0233330

Elem	Sr4077
Units	ppm
Avg	.3299288
Stddev	.0006270
%RSD	.1900262
#1	.3306104
#2	.3293768
#3	.3297990

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2730.949	66965.70	14835.69	1795.421	3883.112
Stddev	6.384	197.90	42.67	8.405	3.706
%RSD	.2337622	.2955310	.2876075	.4681173	.0954330
#1	2725.939	67028.45	14818.63	1801.010	3881.782
#2	2728.772	66744.03	14884.24	1785.755	3880.255
#3	2738.137	67124.63	14804.18	1799.497	3887.300

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1774-03 Acquired: 4/14/2025 15:09:48 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0186187	-.007818	.0731554	-.003786	-.002836	56.93776
Stddev	.0029569	.000967	.0007481	.002444	.002223	.00855
%RSD	15.88121	12.36696	1.022588	64.55549	78.37508	.0150133
#1	.0220169	-.008925	.0730762	-.002041	-.005315	56.93151
#2	.0166323	-.007392	.0724501	-.006579	-.001020	56.94750
#3	.0172069	-.007138	.0739399	-.002738	-.002174	56.93426

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2430301	.0033470	-.000346	21.00815	.1019319	.0288000
Stddev	.0002531	.0000379	.000058	.05223	.0001218	.0001400
%RSD	.1041504	1.132148	16.70096	.2486338	.1194975	.4859889
#1	.2431598	.0033356	-.000369	21.06842	.1020714	.0289591
#2	.2431920	.0033892	-.000389	20.97991	.1018466	.0286957
#3	.2427384	.0033161	-.000280	20.97611	.1018777	.0287452

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0710989	40.39458	.9177732	12.13693	.0491336	-.002156
Stddev	.0003305	.26057	.0036234	.06462	.0001926	.000255
%RSD	.4648917	.6450717	.3948005	.5324359	.3920983	11.85155
#1	.0707692	40.69137	.9219405	12.21132	.0490047	-.001928
#2	.0714303	40.28903	.9153675	12.10490	.0493550	-.002432
#3	.0710972	40.20333	.9160114	12.09460	.0490410	-.002106

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	66.12134	.1099330	.1239617	5.776767	.0228056	.0119381
Stddev	.37252	.0007181	.0007118	.025693	.0009205	.0003569
%RSD	.5633854	.6532590	.5742284	.4447592	4.036295	2.989229
#1	66.53201	.1094879	.1233203	5.806432	.0236005	.0115398
#2	65.80518	.1107615	.1238373	5.762248	.0217971	.0120458
#3	66.02683	.1095497	.1247276	5.761621	.0230192	.0122287

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1774-03 Acquired: 4/14/2025 15:09:48 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001238	.1588008	F 81.14736	.6506696	12.21439	.0316561
Stddev	.0008438	.0007973	.25750	.0021135	.00031	.0007080
%RSD	681.8205	.5020733	.3173219	.3248216	.0025714	2.236549
#1	-.000100	.1592411	81.41414	.6487568	12.21466	.0320243
#2	.001057	.1578805	80.90027	.6503134	12.21448	.0321042
#3	-.000586	.1592809	81.12768	.6529386	12.21405	.0308399

Elem	Sr4077
Units	ppm
Avg	.3518406
Stddev	.0014324
%RSD	.4071193
#1	.3534941
#2	.3509801
#3	.3510474

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2879.535	71076.24	15065.36	1918.263	3994.760
Stddev	4.214	146.44	20.83	6.304	7.305
%RSD	.1463480	.2060352	.1382520	.3286516	.1828536
#1	2882.364	70913.96	15058.34	1911.793	4000.553
#2	2874.692	71116.24	15048.95	1918.608	3986.554
#3	2881.549	71198.53	15088.79	1924.388	3997.172

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1774-04 Acquired: 4/14/2025 15:14:01 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0149154	-.003699	.0598089	.0008355	-.002578	33.26656
Stddev	.0004746	.000624	.0003252	.0044930	.001994	.03508
%RSD	3.182039	16.85739	.5437641	537.7524	77.32430	.1054478
#1	.0144373	-.004316	.0599436	.0016276	-.002336	33.27964
#2	.0149225	-.003069	.0600451	-.004001	-.004682	33.29323
#3	.0153864	-.003713	.0594380	.004880	-.000717	33.22682

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2045875	.0032950	-.000521	25.72016	.0771598	.0188807
Stddev	.0010323	.0000211	.000085	.04621	.0003160	.0001690
%RSD	.5045548	.6393517	16.35358	.1796744	.4095830	.8950375
#1	.2057310	.0032707	-.000568	25.77091	.0771885	.0187206
#2	.2037245	.0033075	-.000572	25.68051	.0768304	.0188640
#3	.2043069	.0033069	-.000422	25.70907	.0774606	.0190574

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0611448	28.23116	1.035410	9.097831	.0455025	-.002048
Stddev	.0001705	.06293	.001928	.015035	.0004195	.000082
%RSD	.2787864	.2229105	.1862174	.1652636	.9220189	3.999891
#1	.0611444	28.30280	1.036073	9.115061	.0455045	-.001965
#2	.0613155	28.18483	1.033238	9.087374	.0450820	-.002129
#3	.0609746	28.20584	1.036919	9.091057	.0459211	-.002051

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	50.07892	.0389745	.0985781	4.567895	.0129848	.0243315
Stddev	.23652	.0013389	.0007710	.016305	.0005472	.0000803
%RSD	.4722935	3.435341	.7821050	.3569381	4.214434	.3300268
#1	50.34949	.0402247	.0979399	4.569080	.0135762	.0242661
#2	49.91146	.0391372	.0983598	4.583574	.0124963	.0244211
#3	49.97582	.0375617	.0994348	4.551030	.0128818	.0243072

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1774-04 Acquired: 4/14/2025 15:14:01 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001735	.1154226	F 53.84866	.4492844	13.20580	.0263209
Stddev	.000263	.0022613	.09818	.0029749	.05353	.0001604
%RSD	15.15394	1.959177	.1823270	.6621403	.4053583	.6095375
#1	-.001824	.1178557	53.96062	.4526040	13.24936	.0264676
#2	-.001440	.1150269	53.77729	.4468597	13.14604	.0263455
#3	-.001943	.1133853	53.80806	.4483893	13.22199	.0261496

Elem	Sr4077
Units	ppm
Avg	.3578802
Stddev	.0008679
%RSD	.2425187
#1	.3588796
#2	.3574457
#3	.3573153

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2877.342	69214.09	14107.59	1882.038	4185.102
Stddev	1.795	69.14	6.21	5.435	3.404
%RSD	.0623876	.0998901	.0440157	.2888075	.0813250
#1	2875.271	69141.26	14113.30	1886.110	4182.041
#2	2878.304	69222.18	14100.98	1884.138	4188.767
#3	2878.451	69278.83	14108.49	1875.866	4184.498

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1774-02DUP Acquired: 4/14/2025 15:18:16 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0167756	-.005641	.0435002	.0002718	-.000098	23.41599
Stddev	.0028140	.000451	.0007502	.0037458	.001892	.12583
%RSD	16.77405	7.991801	1.724542	1378.115	1935.043	.5373855
#1	.0159690	-.006161	.0426487	.0013897	-.002179	23.36494
#2	.0144531	-.005405	.0440637	.0033314	.001518	23.32369
#3	.0199048	-.005357	.0437881	-.003906	.000367	23.55932

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1890559	.0029673	-.000573	21.25367	.0713653	.0169879
Stddev	.0003583	.0000562	.000084	.08335	.0003396	.0003877
%RSD	.1895070	1.893826	14.70455	.3921641	.4758207	2.282175
#1	.1887237	.0029597	-.000551	21.22201	.0717212	.0173500
#2	.1894356	.0029153	-.000667	21.19079	.0710448	.0170350
#3	.1890085	.0030270	-.000502	21.34821	.0713298	.0165789

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0803910	19.54951	.4658029	7.483393	.0328686	-.001126
Stddev	.0003508	.05022	.0009588	.081797	.0002497	.000066
%RSD	.4363999	.2568802	.2058392	1.093044	.7597699	5.819370
#1	.0799919	19.59090	.4665181	7.423592	.0328508	-.001190
#2	.0806508	19.56398	.4647134	7.449980	.0326282	-.001130
#3	.0805303	19.49364	.4661771	7.576607	.0331267	-.001059

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	114.6957	.0444776	.0819570	147.1840	.0439477	.0405016
Stddev	1.3639	.0021918	.0002702	1.1688	.0005248	.0003184
%RSD	1.189176	4.927826	.3297174	.7940963	1.194149	.7862157
#1	115.8407	.0419621	.0818227	148.1001	.0445528	.0407731
#2	115.0596	.0454941	.0822680	147.5843	.0436732	.0405806
#3	113.1867	.0459766	.0817801	145.8677	.0436172	.0401511

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1774-02DUP Acquired: 4/14/2025 15:18:16 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001144	.1085924	F 41.81251	1.974102	20.20855	.0249533
Stddev	.000839	.0010587	.09938	.007687	.02955	.0005359
%RSD	73.33031	.9749416	.2376899	.3893867	.1462312	2.147779
#1	-.001540	.1076939	41.84235	1.965432	20.24241	.0248716
#2	-.000180	.1083237	41.89355	1.976792	20.19529	.0255255
#3	-.001712	.1097595	41.70162	1.980082	20.18795	.0244630

Elem	Sr4077
Units	ppm
Avg	.3228250
Stddev	.0015790
%RSD	.4891064
#1	.3246298
#2	.3221463
#3	.3216988

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2744.224	68528.97	14531.94	1829.538	3897.668
Stddev	4.681	26.41	103.20	2.637	2.017
%RSD	.1705767	.0385350	.7101316	.1441324	.0517495
#1	2748.679	68506.69	14582.78	1832.474	3895.358
#2	2739.346	68558.14	14599.86	1827.372	3899.081
#3	2744.648	68522.10	14413.19	1828.768	3898.564

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: CCV02 Acquired: 4/14/2025 15:22:30 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV02 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.928553	4.981892	4.926857	4.968631	4.953050	9.731206	9.584896
Stddev	.011871	.018403	.005947	.010112	.010557	.015788	.053899
%RSD	.2408570	.3694022	.1207064	.2035262	.2131333	.1622377	.5623317
#1	4.917593	4.980110	4.927023	4.964800	4.942906	9.728256	9.523498
#2	4.926903	5.001122	4.920829	4.980100	4.952271	9.717101	9.606778
#3	4.941162	4.964445	4.932720	4.960995	4.963976	9.748261	9.624413

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2455040	2.460829	24.06740	.9951296	2.460359	1.246820	4.878266
Stddev	.0012433	.005496	.07972	.0044887	.003134	.001688	.014927
%RSD	.5064099	.2233571	.3312158	.4510620	.1273661	.1353631	.3059984
#1	.2459934	2.458081	24.08572	.9899475	2.459136	1.246347	4.862278
#2	.2440906	2.457249	23.98013	.9976341	2.458022	1.245420	4.891838
#3	.2464282	2.467158	24.13637	.9978071	2.463920	1.248694	4.880683

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.405642	23.98460	2.461324	1.231538	24.44105	2.420330	2.480259
Stddev	.012511	.11502	.003607	.000443	.04943	.003017	.006662
%RSD	.5200667	.4795470	.1465597	.0359675	.2022545	.1246708	.2686045
#1	2.412028	23.92593	2.460427	1.231033	24.49812	2.423390	2.483483
#2	2.391227	23.91075	2.458251	1.231860	24.41163	2.417357	2.472598
#3	2.413672	24.11712	2.465296	1.231722	24.41341	2.420242	2.484696

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.34892	4.876882	4.992122	4.933397	4.819645	4.985446	4.951902
Stddev	.08382	.032800	.007277	.009489	.016153	.016215	.013558
%RSD	.3442469	.6725634	.1457666	.1923419	.3351561	.3252551	.2737844
#1	24.28047	4.887660	4.986020	4.929459	4.829532	4.974913	4.963972
#2	24.44241	4.840049	4.990171	4.926512	4.801004	5.004119	4.937233
#3	24.32390	4.902937	5.000176	4.944222	4.828399	4.977306	4.954500

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: CCV02 Acquired: 4/14/2025 15:22:30 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV02 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.893043	4.848806	4.924039
Stddev	.010521	.012967	.055866
%RSD	.2150247	.2674271	1.134557
#1	4.887751	4.862533	4.905042
#2	4.886217	4.836763	4.880149
#3	4.905159	4.847124	4.986926

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2669.206	64670.17	12866.23	1720.070	4036.528
Stddev	5.331	170.41	37.63	3.429	10.440
%RSD	.1997036	.2635119	.2925054	.1993336	.2586353
#1	2668.939	64750.04	12834.33	1716.783	4034.388
#2	2674.665	64474.49	12907.74	1719.801	4047.872
#3	2664.014	64785.98	12856.63	1723.625	4027.324

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: CCB02 Acquired: 4/14/2025 15:26:40 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB02 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0018043	-.000043	.0011588	-.003569	.0009209	-.000026	.0004340
Stddev	.0012629	.000945	.0006920	.002652	.0028955	.004675	.0004635
%RSD	69.99496	2200.332	59.71886	74.32335	314.4211	18113.28	106.8051
#1	.0009965	-.000052	.0019521	-.001035	-.001539	-.004377	.0008441
#2	.0032597	-.000983	.0006792	-.006325	.004112	.004917	.0005267
#3	.0011568	.000906	.0008451	-.003346	.000190	-.000618	-.000069

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000195	.0001423	-.005658	.0000663	.0002970	.0001127	.0028516
Stddev	.0000391	.0000843	.005447	.0003201	.0000311	.0002568	.0037248
%RSD	200.5815	59.25697	96.26720	482.7045	10.48147	227.9163	130.6226
#1	.0000119	.0000533	-.011671	.0000325	.0003311	.0002280	-.001411
#2	.0000618	.0001528	-.001056	.0004020	.0002899	.0002916	.004487
#3	-.000015	.0002210	-.004246	-.000236	.0002701	-.000182	.005478

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004486	.0049079	.0001438	-.000135	.1003759	-.000532	-.000109
Stddev	.0001958	.0041281	.0004659	.000507	.0215459	.001166	.000262
%RSD	43.63548	84.11066	323.9354	374.6823	21.46522	219.3690	239.9144
#1	.0003383	.0095505	.0006599	.000074	.0850303	.000804	-.000390
#2	.0006746	.0035224	.0000173	.000234	.0910897	-.001049	.000129
#3	.0003329	.0016508	-.000246	-.000713	.1250078	-.001350	-.000066

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.025240	.0048223	.0005627	-.000116	.0007010	.0158721	.0015200
Stddev	.006418	.0001785	.0002844	.000451	.0002405	.0051030	.0024191
%RSD	25.42948	3.700782	50.54551	389.4361	34.30439	32.15057	159.1454
#1	-.021581	.0049927	.0008707	-.000472	.0009547	.0213356	.0015492
#2	-.021488	.0048374	.0005073	-.000267	.0006717	.0150515	.0039244
#3	-.032651	.0046367	.0003100	.000392	.0004765	.0112292	-.000913

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: CCB02 Acquired: 4/14/2025 15:26:40 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB02 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000375	.0032981	.0003053
Stddev	.002912	.0012610	.0000679
%RSD	776.7138	38.23412	22.22264
#1	-.003130	.0047283	.0002313
#2	.002673	.0023466	.0003645
#3	-.000668	.0028194	.0003203

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2770.536	66818.32	13629.66	1806.045	4445.340
Stddev	13.344	267.69	14.02	11.499	15.892
%RSD	.4816419	.4006301	.1028498	.6366957	.3575028
#1	2756.575	66509.23	13625.69	1793.513	4427.879
#2	2771.868	66971.18	13645.23	1816.111	4449.183
#3	2783.164	66974.57	13618.05	1808.510	4458.958

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1774-02LX5 Acquired: 4/14/2025 15:31:00 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0047555	-.000187	.0095340	-.001028	-.000874	5.213312	.0377439
Stddev	.0024811	.000586	.0010741	.002015	.001144	.016416	.0005277
%RSD	52.17291	313.2844	11.26559	195.9843	130.7785	.3148820	1.398167
#1	.0055212	-.000847	.0107332	.000725	-.001641	5.209243	.0376972
#2	.0067634	.000016	.0092085	-.003229	.000440	5.231380	.0382934
#3	.0019818	.000270	.0086604	-.000580	-.001423	5.199314	.0372411

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006892	-.000178	4.455111	.0150392	.0033530	.0176790	3.904740
Stddev	.0000874	.000044	.020811	.0002228	.0001982	.0002027	.014241
%RSD	12.68497	24.63572	.4671288	1.481616	5.912732	1.146389	.3647060
#1	.0005886	-.000131	4.433774	.0149725	.0035658	.0178898	3.920661
#2	.0007320	-.000184	4.475353	.0152877	.0033197	.0174856	3.893215
#3	.0007470	-.000218	4.456205	.0148573	.0031735	.0176615	3.900345

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0986670	1.629021	.0062988	-.000400	20.89682	.0096419	.0170274
Stddev	.0005620	.000471	.0002561	.000526	.03878	.0014595	.0000837
%RSD	.5696020	.0289363	4.066095	131.5428	.1855661	15.13739	.4917495
#1	.0980422	1.629037	.0060031	-.000658	20.91975	.0107802	.0170530
#2	.0991313	1.628542	.0064504	-.000748	20.91865	.0079964	.0169339
#3	.0988274	1.629484	.0064428	.000205	20.85204	.0101491	.0170954

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	27.25925	.0120409	.0082100	-.000386	.0228026	8.516625	.3937483
Stddev	.04831	.0003122	.0001618	.001108	.0004572	.032273	.0060165
%RSD	.1772235	2.592404	1.970141	286.9609	2.005248	.3789449	1.528017
#1	27.31430	.0123594	.0080281	-.001447	.0222922	8.552137	.4002658
#2	27.23958	.0117355	.0082646	.000765	.0229407	8.489084	.3884062
#3	27.22389	.0120279	.0083374	-.000477	.0231748	8.508653	.3925729

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1774-02LX5 Acquired: 4/14/2025 15:31:00 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.050875	.0063229	.0657512
Stddev	.008654	.0005760	.0002795
%RSD	.2136440	9.109341	.4250273
#1	4.058030	.0064214	.0654425
#2	4.041256	.0068433	.0659870
#3	4.053339	.0057040	.0658240

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2752.500	67879.32	13288.25	1837.400	4206.906
Stddev	3.617	123.43	72.87	10.465	1.752
%RSD	.1314095	.1818419	.5483659	.5695452	.0416483
#1	2754.612	67760.60	13369.66	1833.147	4205.628
#2	2748.324	68006.98	13229.14	1849.321	4206.188
#3	2754.566	67870.40	13265.94	1829.731	4208.903

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1774-02MS Acquired: 4/14/2025 15:35:16 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7564038	1.870041	.9579840	1.799978	.7597251	19.01753
Stddev	.0016454	.002146	.0005286	.003092	.0010089	.06955
%RSD	.2175286	.1147814	.0551776	.1717758	.1327950	.3657362
#1	.7553838	1.871903	.9585895	1.799049	.7602848	19.07281
#2	.7555255	1.867693	.9576147	1.803428	.7603300	18.93944
#3	.7583019	1.870528	.9577476	1.797457	.7585604	19.04036

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2738195	.1882277	.1943016	11.48619	.4104493	.1970493
Stddev	.0011783	.0010486	.0005948	.01275	.0013105	.0002940
%RSD	.4303219	.5570868	.3061215	.1110185	.3192876	.1491968
#1	.2748998	.1870453	.1949825	11.47869	.4091474	.1969381
#2	.2725630	.1885928	.1938830	11.47897	.4117683	.1968272
#3	.2739956	.1890449	.1940394	11.50091	.4104323	.1973827

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3169885	12.26244	.4137841	5.639522	.4878435	.0674967
Stddev	.0006304	.05462	.0007445	.029318	.0005294	.0001061
%RSD	.1988826	.4454642	.1799254	.5198617	.1085228	.1572594
#1	.3165328	12.32078	.4145851	5.607155	.4880130	.0673742
#2	.3177080	12.25403	.4131132	5.647113	.4872501	.0675613
#3	.3167247	12.21251	.4136541	5.664298	.4882674	.0675546

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	54.33205	.2965882	.2443916	76.24330	.2795541	.4123103
Stddev	.39986	.0015348	.0009857	.38039	.0017800	.0004914
%RSD	.7359558	.5175027	.4033100	.4989195	.6367333	.1191919
#1	54.78865	.2979519	.2432540	76.66729	.2779987	.4119046
#2	54.04437	.2968868	.2449906	75.93194	.2791683	.4128568
#3	54.16313	.2949260	.2449302	76.13068	.2814954	.4121694

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1774-02MS Acquired: 4/14/2025 15:35:16 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6800320	.4915290	F 27.39237	6.549181	9.531737	.2080453
Stddev	.0036782	.0032850	.08012	.012328	.025012	.0010039
%RSD	.5408900	.6683331	.2924891	.1882322	.2624073	.4825493
#1	.6842045	.4921206	27.48105	6.551444	9.554754	.2084359
#2	.6772586	.4944780	27.32520	6.535878	9.505120	.2069048
#3	.6786329	.4879883	27.37086	6.560220	9.535336	.2087953

Elem	Sr4077
Units	ppm
Avg	.3420331
Stddev	.0013554
%RSD	.3962693
#1	.3431598
#2	.3405291
#3	.3424105

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2821.127	67792.32	13407.92	1848.661	4169.026
Stddev	3.871	88.75	51.97	6.490	4.241
%RSD	.1372013	.1309138	.3875729	.3510441	.1017180
#1	2823.071	67817.19	13457.84	1855.589	4171.321
#2	2816.669	67865.99	13411.78	1847.671	4171.625
#3	2823.640	67693.79	13354.13	1842.723	4164.133

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1774-02MSD Acquired: 4/14/2025 15:39:17 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7498257	1.856408	.9460005	1.781537	.7540564	18.72369
Stddev	.0049029	.026467	.0040614	.001569	.0007735	.01234
%RSD	.6538787	1.425720	.4293252	.0880890	.1025825	.0659180
#1	.7494100	1.876630	.9445788	1.780780	.7532058	18.71155
#2	.7451438	1.866142	.9428410	1.780489	.7542460	18.73622
#3	.7549232	1.826453	.9505816	1.783341	.7547176	18.72330

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2802622	.1901250	.1921074	12.68281	.4071937	.1962905
Stddev	.0005413	.0004044	.0005008	.03215	.0007417	.0003894
%RSD	.1931481	.2127307	.2606633	.2535099	.1821446	.1983991
#1	.2796965	.1905722	.1919451	12.67667	.4071908	.1964115
#2	.2803148	.1897847	.1926692	12.65417	.4064535	.1966050
#3	.2807753	.1900182	.1917079	12.71759	.4079368	.1958549

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3165317	12.96778	.4396722	6.006802	.4829221	.0671651
Stddev	.0006404	.03012	.0016553	.058088	.0009277	.0002867
%RSD	.2023181	.2322693	.3764902	.9670363	.1920940	.4268258
#1	.3169552	12.93536	.4379715	5.973638	.4836188	.0669872
#2	.3168448	12.97309	.4397671	5.972893	.4832784	.0674958
#3	.3157949	12.99489	.4412780	6.073875	.4818691	.0670123

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	59.60721	.2947597	.2392745	82.78228	.2834663	.4116979
Stddev	.16774	.0021082	.0005052	.25111	.0009363	.0007679
%RSD	.2814130	.7152247	.2111241	.3033422	.3302942	.1865105
#1	59.46935	.2924273	.2395628	82.60455	.2834986	.4124619
#2	59.79397	.2965296	.2395696	83.06956	.2843861	.4117056
#3	59.55833	.2953222	.2386912	82.67274	.2825144	.4109262

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1774-02MSD Acquired: 4/14/2025 15:39:17 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6693240	.4111063	F 26.99159	6.619986	10.56325	.2070533
Stddev	.0001079	.0025877	.02630	.019862	.02978	.0004587
%RSD	.0161227	.6294500	.0974481	.3000245	.2819313	.2215542
#1	.6694430	.4092806	26.96122	6.630081	10.58872	.2074385
#2	.6692324	.4099707	27.00665	6.632773	10.57052	.2071755
#3	.6692966	.4140677	27.00691	6.597105	10.53051	.2065458

Elem	Sr4077
Units	ppm
Avg	.3598636
Stddev	.0008011
%RSD	.2226079
#1	.3589612
#2	.3604910
#3	.3601385

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2814.105	67824.07	13114.99	1856.185	4147.577
Stddev	1.952	114.01	46.09	4.603	6.390
%RSD	.0693768	.1680928	.3514625	.2479896	.1540713
#1	2816.079	67832.15	13124.89	1857.587	4151.183
#2	2812.174	67933.83	13155.33	1859.925	4140.199
#3	2814.063	67706.24	13064.74	1851.044	4151.349

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1774-02A Acquired: 4/14/2025 15:43:17 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7362663	1.787098	.9423693	1.716720	.7365552	11.97889
Stddev	.0015219	.002608	.0008428	.012227	.0021422	.02668
%RSD	.2066990	.1459146	.0894374	.7122499	.2908462	.2227293
#1	.7378777	1.784188	.9414004	1.719334	.7357952	11.99194
#2	.7348534	1.789222	.9429333	1.727430	.7389738	11.94819
#3	.7360678	1.787884	.9427742	1.703398	.7348965	11.99653

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3267536	.1847610	.1921135	20.65111	.4167528	.2028990
Stddev	.0009145	.0005987	.0002772	.05662	.0007590	.0004919
%RSD	.2798809	.3240490	.1443038	.2741960	.1821274	.2424323
#1	.3268941	.1847820	.1917959	20.62722	.4175774	.2023311
#2	.3257769	.1841521	.1922374	20.61034	.4165978	.2031938
#3	.3275897	.1853489	.1923072	20.71576	.4160833	.2031721

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3365422	16.62962	.6124685	7.726978	.4902852	.0638915
Stddev	.0005661	.05409	.0034942	.063132	.0007159	.0004845
%RSD	.1682023	.3252689	.5705169	.8170347	.1460180	.7583271
#1	.3361968	16.69205	.6115280	7.701463	.4896046	.0643823
#2	.3371955	16.59670	.6095407	7.680597	.4902192	.0638786
#3	.3362344	16.60011	.6163367	7.798875	.4910319	.0634136

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	100.5582	.2986283	.2562427	134.6536	.2823900	.4249156
Stddev	.4620	.0022276	.0013048	.4298	.0015709	.0002604
%RSD	.4594188	.7459391	.5091879	.3191778	.5563018	.0612878
#1	101.0634	.3007848	.2556198	135.0817	.2814169	.4246986
#2	100.4540	.2963358	.2553661	134.6570	.2815508	.4248439
#3	100.1572	.2987644	.2577422	134.2221	.2842023	.4252044

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1774-02A Acquired: 4/14/2025 15:43:17 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6673356	.2745184	F 19.67428	7.335330	18.14004	.2072876
Stddev	.0028413	.0012696	.04281	.011878	.03546	.0012564
%RSD	.4257700	.4624743	.2175966	.1619247	.1954955	.6060999
#1	.6642363	.2742251	19.72090	7.326325	18.14220	.2079230
#2	.6679530	.2734211	19.66520	7.330875	18.10355	.2058404
#3	.6698174	.2759089	19.63674	7.348792	18.17438	.2080994

Elem	Sr4077
Units	ppm
Avg	.4728624
Stddev	.0010182
%RSD	.2153183
#1	.4736860
#2	.4717241
#3	.4731772

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2781.040	67309.45	13022.72	1822.705	3993.401
Stddev	5.573	106.24	67.70	9.990	5.130
%RSD	.2003950	.1578354	.5198740	.5481029	.1284695
#1	2774.693	67280.89	13054.80	1822.814	3990.896
#2	2783.294	67427.05	13068.42	1832.640	3999.303
#3	2785.132	67220.41	12944.94	1812.661	3990.005

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1705-04 Acquired: 4/14/2025 15:47:19 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.005179	-.010665	.0014406	-.000748	.0077934	.0230405	.4758964
Stddev	.000599	.002103	.0006540	.003453	.0022985	.0063044	.0023451
%RSD	11.57486	19.71502	45.39913	461.4370	29.49311	27.36219	.4927816
#1	-.005780	-.011020	.0006864	-.001728	.0104475	.0299647	.4785429
#2	-.005176	-.008407	.0017834	-.003606	.0064814	.0215241	.4750700
#3	-.004581	-.012567	.0018519	.003089	.0064514	.0176325	.4740764

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000190	-.000181	335.6952	.0104724	.0007346	.0017599	.1953139
Stddev	.000045	.000114	1.5256	.0004392	.0001470	.0001411	.0101373
%RSD	23.66149	62.82748	.4544643	4.194131	20.01000	8.020188	5.190235
#1	-.000163	-.000309	336.8474	.0101282	.0005696	.0016002	.2065916
#2	-.000165	-.000091	336.2731	.0109671	.0007828	.0018682	.1869597
#3	-.000242	-.000144	333.9650	.0103219	.0008515	.0018111	.1923902

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0024601	.0078785	-.000240	-.000538	479.6802	.0015305	.0424883
Stddev	.0002251	.0132074	.000137	.000187	5.0301	.0009066	.0009138
%RSD	9.148510	167.6389	57.09152	34.70285	1.048637	59.23519	2.150650
#1	.0023698	.0176864	-.000254	-.000335	477.6562	.0024552	.0415480
#2	.0022942	.0130882	-.000097	-.000577	485.4070	.0006431	.0433731
#3	.0027163	-.007139	-.000369	-.000702	475.9773	.0014933	.0425438

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	22.81906	.0097571	.0023326	-.004762	-.007378	.1191411	.0089386
Stddev	.10266	.0004011	.0002679	.001156	.000924	.0052006	.0026612
%RSD	.4498724	4.110596	11.48651	24.26765	12.52740	4.365097	29.77248
#1	22.89330	.0092993	.0022309	-.006032	-.006457	.1159978	.0102826
#2	22.86197	.0099254	.0021304	-.003773	-.007372	.1162814	.0106598
#3	22.70191	.0100465	.0026365	-.004481	-.008305	.1251440	.0058734

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1705-04 Acquired: 4/14/2025 15:47:19 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.296773	-.035670	5.872508
Stddev	.003989	.000575	.031213
%RSD	.3075950	1.612927	.5315137
#1	1.295749	-.035797	5.878620
#2	1.301174	-.036172	5.838691
#3	1.293396	-.035042	5.900213

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2397.667	60045.48	12823.57	1581.406	3508.030
Stddev	6.634	103.16	18.31	1.213	6.074
%RSD	.2766674	.1718097	.1428153	.0766866	.1731528
#1	2405.208	60069.71	12802.79	1581.850	3512.389
#2	2392.733	59932.35	12837.35	1580.034	3501.092
#3	2395.061	60134.37	12830.57	1582.335	3510.610

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1705-05 Acquired: 4/14/2025 15:52:03 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002507	-.011168	.0021382	-.008048	.0073979	-.030309	.6815630
Stddev	.000056	.002677	.0009058	.004798	.0006273	.004248	.0030429
%RSD	2.252400	23.97054	42.36278	59.62083	8.479169	14.01418	.4464586
#1	-.002457	-.014099	.0027691	-.011180	.0067986	-.029362	.6785637
#2	-.002568	-.008852	.0011003	-.002524	.0073452	-.034951	.6814776
#3	-.002496	-.010553	.0025452	-.010440	.0080498	-.026616	.6846477

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000219	-.000124	334.6351	.0138730	.0022844	.0011657	.0699532
Stddev	.000085	.000119	1.7338	.0001265	.0002824	.0001163	.0018732
%RSD	38.86848	95.68771	.5181114	.9116290	12.36382	9.977151	2.677741
#1	-.000121	-.000225	332.8107	.0138439	.0020160	.0010619	.0697310
#2	-.000274	-.000155	336.2612	.0137637	.0025791	.0012914	.0682010
#3	-.000262	.000007	334.8334	.0140115	.0022580	.0011437	.0719275

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001148	.0105453	-.000569	-.000313	492.0308	.0009561	.0508566
Stddev	.000424	.0076174	.000143	.000269	7.7289	.0007498	.0007426
%RSD	36.91658	72.23498	25.14649	86.01503	1.570818	78.42525	1.460249
#1	-.001505	.0183408	-.000536	-.000597	488.4505	.0018164	.0502247
#2	-.000680	.0101757	-.000445	-.000282	486.7412	.0006102	.0516746
#3	-.001261	.0031195	-.000725	-.000061	500.9006	.0004416	.0506704

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	53.60315	.0122260	.0022894	-.003915	-.007327	.1234397	.0095765
Stddev	.77470	.0002998	.0003463	.000683	.000184	.0063514	.0053126
%RSD	1.445247	2.451936	15.12614	17.43864	2.505812	5.145331	55.47530
#1	52.77110	.0121960	.0020540	-.003228	-.007346	.1161456	.0049251
#2	53.73471	.0125396	.0021272	-.003924	-.007501	.1277483	.0084385
#3	54.30365	.0119423	.0026871	-.004594	-.007136	.1264251	.0153659

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1705-05 Acquired: 4/14/2025 15:52:03 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.808944	-.026138	10.58002
Stddev	.004051	.000966	.09094
%RSD	.2239373	3.694926	.8595684
#1	1.804267	-.026396	10.62012
#2	1.811236	-.026949	10.47592
#3	1.811329	-.025070	10.64402

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2353.676	58049.78	12142.36	1525.147	3441.917
Stddev	5.085	297.16	61.79	13.313	4.101
%RSD	.2160354	.5119021	.5088726	.8729277	.1191569
#1	2348.342	58386.78	12083.07	1538.973	3438.544
#2	2354.218	57825.34	12137.62	1512.414	3440.724
#3	2358.468	57937.23	12206.38	1524.052	3446.482

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: PB167533BL Acquired: 4/14/2025 15:56:46 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0024009	-.000260	.0001106	.0007768	.0004451	.0023080	-.000404
Stddev	.0007239	.001612	.0009191	.0001705	.0017854	.0036136	.001011
%RSD	30.15319	619.6479	831.3806	21.94764	401.1082	156.5666	250.3399
#1	.0021379	.001583	-.000697	.0006445	-.000126	-.000999	-.000037
#2	.0032195	-.001404	.001111	.0009692	-.000985	.001758	-.001547
#3	.0018451	-.000960	-.000082	.0007167	.002446	.006165	.000373

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000024	.0000019	-.003432	-.000145	-.000072	.0059668	-.001344
Stddev	.000035	.0000382	.006667	.000211	.000110	.0002569	.000806
%RSD	148.4623	2031.661	194.2297	145.8639	153.2399	4.305032	60.01157
#1	-.000032	.0000042	-.007812	-.000083	.000053	.0062060	-.001397
#2	.000015	-.000037	-.006725	-.000380	-.000116	.0056953	-.000512
#3	-.000055	.000039	.004240	.000029	-.000153	.0059990	-.002122

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002710	.0119200	.0004866	-.000260	.3269882	-.000035	.0001764
Stddev	.0004674	.0178628	.0001191	.000048	.0075035	.000760	.0003259
%RSD	172.4335	149.8559	24.46708	18.35481	2.294742	2149.891	184.7929
#1	.0005421	-.004951	.0004347	-.000313	.3355389	-.000598	.0004512
#2	.0005396	.030632	.0004024	-.000245	.3239242	.000830	-.000184
#3	-.000269	.010079	.0006229	-.000221	.3215015	-.000338	.000262

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1178066	-.001070	-.000023	-.000522	-.000260	.0047525	.0027674
Stddev	.0322250	.000495	.000186	.000532	.000355	.0028171	.0018405
%RSD	27.35412	46.20374	825.0474	101.9793	136.7429	59.27575	66.50578
#1	.0807355	-.000541	-.000040	-.001127	-.000490	.0076740	.0048453
#2	.1391257	-.001521	-.000200	-.000314	.000149	.0020530	.0021144
#3	.1335587	-.001149	.000172	-.000125	-.000439	.0045305	.0013425

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: PB167533BL Acquired: 4/14/2025 15:56:46 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0012110	.0088726	.0000824
Stddev	.0022123	.0007889	.0000342
%RSD	182.6914	8.891866	41.47084
#1	.0033819	.0097730	.0000436
#2	.0012915	.0085426	.0000957
#3	-.001041	.0083023	.0001080

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2793.061	68356.76	12882.60	1849.464	4476.408
Stddev	8.867	207.26	48.65	9.620	9.421
%RSD	.3174493	.3032047	.3776058	.5201678	.2104672
#1	2788.410	68140.37	12826.99	1843.607	4472.921
#2	2787.487	68553.49	12917.29	1860.567	4469.227
#3	2803.285	68376.42	12903.52	1844.217	4487.076

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: PB167533BS Acquired: 4/14/2025 16:01:07 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8159887	2.056020	1.009260	2.048776	.8212044	1.917307
Stddev	.0009664	.011277	.002335	.000999	.0023097	.006837
%RSD	.1184299	.5484689	.2313596	.0487369	.2812551	.3566192
#1	.8170620	2.067648	1.009463	2.047854	.8216364	1.924658
#2	.8157165	2.055282	1.006831	2.049837	.8232677	1.916127
#3	.8151876	2.045131	1.011487	2.048636	.8187093	1.911136

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1935461	.1950760	.2048770	1.000355	.4012435	.1984969
Stddev	.0016281	.0006293	.0001602	.005769	.0009486	.0000992
%RSD	.8411686	.3225825	.0781876	.5766641	.2364170	.0499918
#1	.1947464	.1952477	.2050005	.993921	.4023318	.1986093
#2	.1941990	.1956017	.2046960	1.002077	.4008062	.1984600
#3	.1916930	.1943787	.2049345	1.005065	.4005924	.1984214

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3101804	3.025496	.1989749	1.900971	.4968422	.0743582
Stddev	.0002625	.017142	.0009710	.004422	.0003393	.0002796
%RSD	.0846223	.5665884	.4879937	.2326406	.0682898	.3760355
#1	.3101091	3.045284	.2000592	1.896128	.4966352	.0743394
#2	.3104712	3.015177	.1986797	1.904795	.4966577	.0740885
#3	.3099610	3.016027	.1981857	1.901991	.4972338	.0746468

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.999620	.2924887	.2021113	9.695306	.2841417	.4114842
Stddev	.017749	.0009626	.0005190	.036473	.0007419	.0012855
%RSD	.5917075	.3290985	.2567790	.3761975	.2611035	.3124091
#1	2.987918	.2927754	.2026401	9.727698	.2848271	.4127520
#2	2.990899	.2914154	.2016027	9.655799	.2833539	.4101817
#3	3.020042	.2932754	.2020910	9.702420	.2842439	.4115188

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: PB167533BS Acquired: 4/14/2025 16:01:07 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7035654	.1975947	F .6945906	5.995569	F -.003115	.2095688
Stddev	.0008370	.0005721	.0093578	.000823	.003755	.0007670
%RSD	.1189668	.2895054	1.347242	.0137287	120.5597	.3659793
#1	.7039996	.1976705	.6968241	5.995567	-.003141	.2098186
#2	.7026005	.1969885	.6843181	5.996394	.000653	.2101797
#3	.7040960	.1981250	.7026295	5.994747	-.006857	.2087080

Elem	Sr4077
Units	ppm
Avg	.2030801
Stddev	.0003725
%RSD	.1834234
#1	.2035085
#2	.2028995
#3	.2028323

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2766.343	67205.05	13544.90	1855.833	4314.741
Stddev	7.930	78.50	37.59	3.476	9.262
%RSD	.2866432	.1168074	.2774912	.1873026	.2146601
#1	2762.431	67163.75	13556.55	1856.927	4310.608
#2	2761.130	67295.57	13502.87	1858.630	4308.265
#3	2775.468	67155.82	13575.28	1851.941	4325.350

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1753-04 Acquired: 4/14/2025 16:05:10 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002352	-.007647	-.000021	.0039831	.0002165	.1268165	.3388255
Stddev	.002905	.001679	.001484	.0023441	.0014107	.0007197	.0002179
%RSD	123.5359	21.95264	6990.198	58.85057	651.6982	.5675278	.0643132
#1	-.001471	-.006929	-.001501	.0017918	-.000527	.1271635	.3386150
#2	-.005595	-.009565	-.000029	.0064548	.001843	.1272969	.3390501
#3	.000011	-.006446	.001467	.0037028	-.000667	.1259890	.3388114

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000936	.0001920	3.723620	.0001583	.0031213	.0160125	.0035978
Stddev	.0000364	.0000285	.010553	.0003783	.0000787	.0001238	.0065003
%RSD	38.85898	14.84528	.2833977	238.8833	2.520573	.7729572	180.6713
#1	.0001172	.0002164	3.716594	-.000010	.0031000	.0161259	.0024131
#2	.0000517	.0001607	3.718511	.000592	.0032084	.0158805	.0106090
#3	.0001119	.0001990	3.735755	-.000107	.0030554	.0160310	-.002229

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3812545	1.490385	.0027483	-.000628	357.9920	.0013552	.2238255
Stddev	.0002969	.009603	.0004018	.000349	4.5210	.0006507	.0006342
%RSD	.0778692	.6443157	14.61980	55.55322	1.262879	48.01362	.2833326
#1	.3812153	1.497040	.0031804	-.000699	357.3498	.0020618	.2231192
#2	.3809792	1.479377	.0026783	-.000249	353.8264	.0012235	.2243461
#3	.3815690	1.494739	.0023860	-.000936	362.7997	.0007805	.2240111

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6824296	.0291893	-.000361	-.000887	-.000915	.4074514	.0119928
Stddev	.0193522	.0000239	.000178	.000495	.000317	.0037761	.0042842
%RSD	2.835775	.0819838	49.36275	55.78022	34.65455	.9267555	35.72304
#1	.7037107	.0291802	-.000564	-.001352	-.000967	.4034152	.0115138
#2	.6776917	.0291713	-.000284	-.000940	-.001203	.4080410	.0079683
#3	.6658863	.0292165	-.000234	-.000367	-.000575	.4108980	.0164964

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1753-04 Acquired: 4/14/2025 16:05:10 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4266255	-.002651	.0337850
Stddev	.0062149	.000357	.0001457
%RSD	1.456756	13.44925	.4311877
#1	.4201461	-.003059	.0336176
#2	.4325369	-.002398	.0338831
#3	.4271934	-.002496	.0338542

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2641.446	64994.58	13019.18	1756.166	3898.935
Stddev	3.471	217.74	70.52	9.426	7.915
%RSD	.1313931	.3350074	.5416445	.5367156	.2029930
#1	2638.452	64754.26	12942.95	1746.474	3896.886
#2	2645.250	65178.74	13082.08	1765.300	3907.673
#3	2640.634	65050.73	13032.51	1756.723	3892.247

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1753-08 Acquired: 4/14/2025 16:09:35 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0011340	-.007072	.0088729	-.002263	.0036431	.0439026	.2502245
Stddev	.0031633	.001293	.0003287	.004686	.0012149	.0023266	.0011625
%RSD	278.9390	18.28928	3.704771	207.0850	33.34759	5.299451	.4645741
#1	.0047081	-.008280	.0092206	-.003978	.0035013	.0424988	.2491356
#2	-.000000	-.007229	.0088308	.003039	.0049226	.0426209	.2514487
#3	-.001306	-.005707	.0085672	-.005849	.0025053	.0465882	.2500893

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000181	.0001652	10.19380	-.000122	.0066659	.0136622	.0119959
Stddev	.000037	.0000867	.04149	.000343	.0000863	.0002211	.0019916
%RSD	20.49540	52.50152	.4069694	282.2325	1.294333	1.618252	16.60221
#1	-.000224	.0000666	10.18104	-.000423	.0067398	.0139149	.0096972
#2	-.000156	.0002298	10.24016	-.000194	.0065711	.0135043	.0130875
#3	-.000165	.0001992	10.16019	.000252	.0066868	.0135674	.0132029

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.372803	3.391618	.0071593	.0002595	375.7451	.0001141	.0635324
Stddev	.008789	.009279	.0001936	.0002987	4.7053	.0016193	.0003194
%RSD	.3704117	.2735921	2.704379	115.0834	1.252252	1419.478	.5027114
#1	2.374091	3.401010	.0071544	.0005811	377.8506	-.001742	.0631636
#2	2.380878	3.391388	.0069682	-.000009	379.0299	.001235	.0637132
#3	2.363442	3.382456	.0073553	.000207	370.3547	.000850	.0637204

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.147102	.0285738	-.000345	.0003571	-.000400	.5850195	.0196060
Stddev	.003806	.0009964	.000361	.0008476	.000633	.0049395	.0018882
%RSD	.3317583	3.487048	104.6138	237.3405	158.1368	.8443258	9.630513
#1	1.146480	.0280230	-.000173	.0008038	.000323	.5880958	.0217042
#2	1.143645	.0297240	-.000759	-.000620	-.000674	.5876408	.0190700
#3	1.151180	.0279744	-.000102	.000888	-.000850	.5793220	.0180437

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1753-08 Acquired: 4/14/2025 16:09:35 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2739794	-.001221	.0538869
Stddev	.0042832	.000590	.0001907
%RSD	1.563328	48.28059	.3539169
#1	.2707731	-.001713	.0537562
#2	.2723215	-.000568	.0541057
#3	.2788438	-.001384	.0537987

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2568.294	63335.39	12888.91	1721.133	3810.792
Stddev	8.358	164.91	90.30	1.443	19.663
%RSD	.3254125	.2603683	.7006094	.0838597	.5159804
#1	2576.500	63204.40	12850.62	1719.515	3830.877
#2	2568.590	63281.18	12824.06	1721.598	3809.917
#3	2559.793	63520.57	12992.04	1722.287	3791.581

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: CCV03 Acquired: 4/14/2025 16:28:40 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV03 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.886876	4.869625	4.931722	4.902912	4.914872	9.757213	9.873915
Stddev	.013240	.051761	.016966	.011144	.013114	.014714	.117677
%RSD	.2709294	1.062939	.3440221	.2272994	.2668132	.1507990	1.191801
#1	4.875764	4.812880	4.939415	4.890329	4.918155	9.772768	9.869280
#2	4.883340	4.881743	4.912272	4.906869	4.900428	9.743518	9.758624
#3	4.901525	4.914252	4.943478	4.911537	4.926031	9.755353	9.993842

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2484420	2.472973	24.42673	.9833581	2.476052	1.246382	4.971120
Stddev	.0015434	.008271	.12422	.0013258	.006283	.003439	.011998
%RSD	.6212207	.3344497	.5085426	.1348250	.2537505	.2759244	.2413523
#1	.2485103	2.476821	24.38299	.9818793	2.479401	1.244925	4.957338
#2	.2468657	2.463479	24.33030	.9837546	2.468804	1.243911	4.976794
#3	.2499502	2.478618	24.56691	.9844405	2.479951	1.250310	4.979229

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.461418	24.20106	2.471467	1.234428	26.48218	2.448925	2.471957
Stddev	.009967	.12661	.005940	.001176	.14124	.008560	.004391
%RSD	.4049304	.5231687	.2403454	.0952281	.5333574	.3495302	.1776461
#1	2.454432	24.12598	2.473988	1.233465	26.38009	2.445593	2.470131
#2	2.456990	24.12996	2.464682	1.234080	26.64338	2.442533	2.476966
#3	2.472831	24.34724	2.475731	1.235738	26.42309	2.458650	2.468772

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	26.07955	4.973866	4.946534	4.950649	4.906966	4.867039	5.063554
Stddev	.15317	.035019	.008300	.017054	.008637	.033029	.014737
%RSD	.5873090	.7040538	.1677931	.3444855	.1760074	.6786209	.2910313
#1	25.98766	4.976548	4.945290	4.950880	4.904919	4.847196	5.054817
#2	26.25637	4.937584	4.938926	4.933481	4.899537	4.905167	5.055277
#3	25.99463	5.007467	4.955386	4.967587	4.916443	4.848755	5.080568

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: CCV03 Acquired: 4/14/2025 16:28:40 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV03 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.937239	4.931351	4.972798
Stddev	.003048	.003590	.044961
%RSD	.0617364	.0727994	.9041473
#1	4.937832	4.928851	4.949951
#2	4.933938	4.935465	4.943848
#3	4.939947	4.929738	5.024596

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2695.468	64918.40	12790.59	1776.210	4029.428
Stddev	6.378	189.57	85.44	6.754	10.678
%RSD	.2366265	.2920149	.6679764	.3802638	.2650119
#1	2689.531	65131.75	12809.49	1783.125	4020.293
#2	2702.211	64854.10	12864.99	1769.629	4041.168
#3	2694.663	64769.34	12697.28	1775.876	4026.824

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: CCB03 Acquired: 4/14/2025 16:32:51 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB03 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0015495	-.000101	-.000564	-.001236	.0024498	.0030914	.0002361
Stddev	.0013001	.000993	.000947	.003544	.0011233	.0011149	.0003333
%RSD	83.90787	985.5765	167.8956	286.7461	45.85339	36.06439	141.1362
#1	.0029899	.000080	-.001106	.002361	.0033959	.0025889	-.000148
#2	.0011957	.000789	-.001115	-.001343	.0027453	.0023163	.000417
#3	.0004629	-.001172	.000529	-.004725	.0012083	.0043691	.000440

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000312	.0000710	-.001042	-.000166	.0002150	.0003891	-.003192
Stddev	.0000191	.0000155	.011626	.000118	.0001468	.0000243	.001191
%RSD	61.36632	21.86912	1115.506	71.04416	68.26843	6.248536	37.32196
#1	.0000091	.0000650	.002468	-.000039	.0003769	.0003612	-.003975
#2	.0000428	.0000886	.008425	-.000272	.0001773	.0004051	-.001821
#3	.0000417	.0000594	-.014019	-.000187	.0000907	.0004012	-.003780

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0008344	.0092190	-.000239	-.000021	.0388314	.0006395	-.000132
Stddev	.0003827	.0143963	.000112	.000369	.0110502	.0008990	.000271
%RSD	45.86580	156.1580	46.82644	1766.052	28.45701	140.5725	204.8723
#1	.0005586	-.005840	-.000123	.000281	.0260756	.0004739	.000177
#2	.0006732	.010652	-.000249	.000089	.0449327	-.000165	-.000247
#3	.0012713	.022845	-.000347	-.000433	.0454858	.001610	-.000327

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.054859	.0098828	.0002340	-.000027	-.000718	.0185497	.0039960
Stddev	.009749	.0003853	.0001716	.000343	.000944	.0027494	.0009690
%RSD	17.77058	3.898858	73.33120	1260.544	131.3943	14.82205	24.24879
#1	-.044195	.0102603	.0002431	.000368	-.001735	.0208824	.0046983
#2	-.063314	.0098979	.0000580	-.000214	.000129	.0192482	.0043992
#3	-.057067	.0094901	.0004008	-.000236	-.000549	.0155183	.0028905

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: CCB03 Acquired: 4/14/2025 16:32:51 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB03 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.002356	.0017227	.0001745
Stddev	.002663	.0004114	.0000304
%RSD	113.0377	23.88076	17.43244
#1	-.004862	.0013200	.0001724
#2	-.002646	.0017059	.0001453
#3	.000440	.0021423	.0002060

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2787.498	67668.71	13199.62	1861.177	4438.036
Stddev	2.400	92.03	29.42	2.100	6.451
%RSD	.0861148	.1360064	.2229062	.1128504	.1453533
#1	2788.225	67585.01	13231.10	1858.962	4436.968
#2	2789.451	67653.84	13194.92	1861.427	4444.954
#3	2784.818	67767.27	13172.82	1863.141	4432.185

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1753-01 Acquired: 4/14/2025 16:37:11 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0446263	.0053076	.1234240	.0012678	-.006766	116.3110	.5519395
Stddev	.0013343	.0009925	.0018161	.0084917	.003694	.1284	.0021444
%RSD	2.989969	18.69995	1.471419	669.8033	54.59395	.1103899	.3885180
#1	.0434020	.0047259	.1222796	.0108576	-.005741	116.4584	.5526551
#2	.0444284	.0047433	.1255180	-.005298	-.010864	116.2239	.5495288
#3	.0460485	.0064536	.1224745	-.001756	-.003693	116.2506	.5536346

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0108032	.0000429	12.14235	.2008933	.1229991	.3853844	238.8693
Stddev	.0001791	.0002928	.02661	.0003763	.0005378	.0008661	1.4173
%RSD	1.657863	682.9229	.2191503	.1873065	.4372452	.2247393	.5933507
#1	.0106386	-.000254	12.16199	.2005288	.1233704	.3854437	240.4502
#2	.0107772	.000332	12.11207	.2012803	.1223823	.3844902	237.7121
#3	.0109939	.000051	12.15300	.2008708	.1232445	.3862194	238.4457

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.865392	43.18579	.2353525	-.010919	1.192165	.3083714	.6544134
Stddev	.019279	.15751	.0003096	.000097	.015737	.0011727	.0029665
%RSD	.3286849	.3647201	.1315465	.8849249	1.320075	.3802772	.4533006
#1	5.871392	43.09054	.2350602	-.010906	1.208679	.3070581	.6577976
#2	5.843826	43.09924	.2353203	-.011022	1.190477	.3093135	.6531798
#3	5.880956	43.36759	.2356769	-.010830	1.177340	.3087426	.6522628

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.70700	-.302121	.0042453	-.002687	4.193295	6.547040	6.823449
Stddev	.11667	.007508	.0002439	.001108	.005642	.037569	.023489
%RSD	.9966256	2.485031	5.745989	41.23754	.1345556	.5738393	.3442365
#1	11.84095	-.294339	.0044891	-.001408	4.197064	6.587429	6.842413
#2	11.65255	-.302702	.0040012	-.003358	4.186808	6.540557	6.797174
#3	11.62751	-.309321	.0042455	-.003295	4.196013	6.513134	6.830761

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1753-01 Acquired: 4/14/2025 16:37:11 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4547761	.2939697	.0738999
Stddev	.0081517	.0010640	.0002678
%RSD	1.792468	.3619525	.3624119
#1	.4537626	.2941336	.0741792
#2	.4471785	.2928332	.0736453
#3	.4633872	.2949423	.0738751

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3092.463	74043.64	14243.54	2027.863	4028.875
Stddev	3.581	226.42	54.09	16.361	7.344
%RSD	.1158030	.3057904	.3797492	.8068339	.1822804
#1	3089.493	73794.98	14303.69	2009.301	4020.937
#2	3096.440	74098.03	14228.04	2040.192	4035.427
#3	3091.457	74237.91	14198.89	2034.097	4030.261

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1753-05 Acquired: 4/14/2025 16:41:19 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0682958	.0145125	.1980848	.0050138	-.013901	132.8121	.9698961
Stddev	.0024807	.0015955	.0018960	.0023535	.002187	.1708	.0004398
%RSD	3.632207	10.99388	.9571435	46.94082	15.72951	.1286263	.0453416
#1	.0705011	.0137738	.1959167	.0077098	-.016151	132.6926	.9699889
#2	.0687763	.0134203	.1994317	.0039611	-.013770	132.7359	.9702820
#3	.0656101	.0163435	.1989059	.0033703	-.011783	133.0077	.9694173

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0112406	-.005089	23.54524	.2682996	.1312069	.2304373	313.3733
Stddev	.0000248	.000101	.07251	.0002483	.0003935	.0006566	.7042
%RSD	.2205497	1.986088	.3079731	.0925603	.2999323	.2849506	.2247107
#1	.0112562	-.005001	23.62799	.2684037	.1308066	.2300467	312.5672
#2	.0112120	-.005066	23.49278	.2684789	.1315933	.2300698	313.8687
#3	.0112537	-.005199	23.51495	.2680161	.1312206	.2311954	313.6839

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.828061	59.03980	.2884429	-.009843	1.346632	.3606539	.6452732
Stddev	.023078	.22928	.0002349	.000120	.013553	.0006168	.0016390
%RSD	.3379874	.3883415	.0814350	1.219592	1.006402	.1710239	.2540034
#1	6.854682	59.29328	.2882044	-.009772	1.352609	.3613546	.6452432
#2	6.813718	58.84688	.2884503	-.009775	1.356169	.3601930	.6436494
#3	6.815781	58.97926	.2886740	-.009982	1.331119	.3604141	.6469270

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.21543	-.245996	.0065397	.0040348	2.806998	4.802849	6.830051
Stddev	.10338	.012462	.0003522	.0003577	.002118	.036636	.016233
%RSD	.6375666	5.065769	5.385853	8.865258	.0754608	.7627968	.2376696
#1	16.09607	-.259050	.0063893	.0041758	2.809356	4.761135	6.812481
#2	16.27367	-.234226	.0062878	.0043005	2.805257	4.829802	6.833184
#3	16.27657	-.244713	.0069422	.0036281	2.806382	4.817611	6.844490

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1753-05 Acquired: 4/14/2025 16:41:19 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.3765299	.4602594	.1471540
Stddev	.0020971	.0022437	.0002363
%RSD	.5569419	.4874801	.1605996
#1	.3750575	.4580252	.1474195
#2	.3756012	.4625124	.1469667
#3	.3789309	.4602405	.1470759

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2989.547	72214.94	15205.97	1971.041	3943.227
Stddev	4.116	11.80	90.69	4.516	5.469
%RSD	.1376774	.0163349	.5964146	.2291351	.1386827
#1	2985.670	72203.84	15101.77	1965.904	3939.754
#2	2989.105	72213.66	15267.08	1974.390	3940.397
#3	2993.866	72227.33	15249.07	1972.828	3949.531

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1768-01 Acquired: 4/14/2025 16:45:25 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0789032	-.013776	6.930351	.0025048	.0593756	137.7112
Stddev	.0059775	.001202	.022438	.0035260	.0030218	.1123
%RSD	7.575738	8.726690	.3237601	140.7743	5.089367	.0815799
#1	.0730155	-.012565	6.905862	.0051830	.0562909	137.6299
#2	.0787274	-.013793	6.935269	.0038213	.0595055	137.6644
#3	.0849666	-.014970	6.949921	-.001490	.0623304	137.8394

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.206752	.0074232	.0171688	112.8602	.7239206	.1022468
Stddev	.002444	.0000375	.0002413	.4029	.0005262	.0003571
%RSD	.2025523	.5045880	1.405367	.3569775	.0726893	.3492118
#1	1.209405	.0073804	.0170502	112.8174	.7243269	.1020791
#2	1.206261	.0074501	.0170099	112.4804	.7241086	.1020043
#3	1.204590	.0074390	.0174465	113.2828	.7233261	.1026568

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.866396	233.1036	3.293061	59.23645	.4329229	.1381583
Stddev	.003988	.4740	.010631	.27690	.0012247	.0000936
%RSD	.0819529	.2033233	.3228339	.4674463	.2828930	.0677509
#1	4.864747	233.5080	3.300753	59.25331	.4324532	.1381916
#2	4.863498	233.2208	3.280930	58.95151	.4320026	.1380526
#3	4.870945	232.5821	3.297502	59.50454	.4343130	.1382307

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.954182	.4884083	F 33.17195	9.633512	.1281286	.0359389
Stddev	.019977	.0012432	.42783	.012961	.0059071	.0003443
%RSD	.3355180	.2545449	1.289724	.1345429	4.610316	.9581584
#1	5.944888	.4882035	33.66595	9.640321	.1283201	.0362749
#2	5.977113	.4897413	32.92786	9.641650	.1339376	.0355868
#3	5.940545	.4872803	32.92204	9.618566	.1221280	.0359550

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1768-01 Acquired: 4/14/2025 16:45:25 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.053063	8.353458	7.372045	11.40936	20.56043	.1595028
Stddev	.006450	.007052	.005005	.03173	.07958	.0001222
%RSD	.6124745	.0844173	.0678976	.2780661	.3870517	.0766165
#1	1.050130	8.353918	7.376830	11.39789	20.47369	.1593777
#2	1.048600	8.346187	7.372460	11.38497	20.57755	.1595089
#3	1.060458	8.360268	7.366845	11.44523	20.63007	.1596218

Elem	Sr4077
Units	ppm
Avg	.4462584
Stddev	.0008378
%RSD	.1877434
#1	.4472128
#2	.4459180
#3	.4456443

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2780.409	68880.81	14057.99	1815.974	3733.882
Stddev	.549	39.84	73.26	2.895	4.839
%RSD	.0197283	.0578395	.5211563	.1594161	.1295981
#1	2780.789	68882.97	14071.61	1816.449	3738.768
#2	2780.657	68919.52	14123.48	1818.602	3733.786
#3	2779.780	68839.93	13978.87	1812.870	3729.092

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1756-01 Acquired: 4/14/2025 16:49:36 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1073409	.0021619	3.767615	.0010098	-.012812	81.00566	1.708718
Stddev	.0022866	.0031222	.011635	.0009345	.001865	.20487	.004026
%RSD	2.130221	144.4197	.3088040	92.55163	14.55526	.2529088	.2355973
#1	.1074648	-.001422	3.754850	.0014026	-.011102	81.18977	1.710872
#2	.1049948	.004290	3.770371	.0016838	-.014801	81.04225	1.711209
#3	.1095630	.003618	3.777624	-.000057	-.012534	80.78496	1.704074

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0083769	.0056124	32.97787	.2227192	.0998359	.5855842	186.3260
Stddev	.0000555	.0001158	.14072	.0019288	.0002557	.0000394	.8026
%RSD	.6626135	2.063494	.4267196	.8660404	.2561511	.0067288	.4307714
#1	.0083972	.0055705	32.96029	.2248178	.0996501	.5856216	187.2299
#2	.0084195	.0055234	33.12656	.2223162	.1001276	.5855880	186.0518
#3	.0083142	.0057433	32.84677	.2210238	.0997300	.5855431	185.6965

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.668379	20.45657	.1713201	-.007608	.9267450	.2777222	1.117824
Stddev	.018765	.09210	.0005832	.000261	.0038482	.0006584	.006403
%RSD	.4019619	.4502326	.3404023	3.429994	.4152424	.2370818	.5727653
#1	4.668325	20.42128	.1710117	-.007831	.9301556	.2784626	1.120927
#2	4.687171	20.56110	.1719928	-.007321	.9275064	.2772023	1.122082
#3	4.649640	20.38733	.1709560	-.007671	.9225729	.2775018	1.110461

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.381347	-.285098	.0019758	.7156269	1.928400	9.974318	9.481103
Stddev	.025533	.004242	.0001067	.0036600	.008422	.048711	.008530
%RSD	.4001208	1.488022	5.400509	.5114431	.4367103	.4883689	.0899674
#1	6.388154	-.282706	.0020531	.7114195	1.932750	10.03015	9.484618
#2	6.353100	-.289996	.0020203	.7173850	1.933756	9.95230	9.487314
#3	6.402787	-.282591	.0018541	.7180760	1.918693	9.94050	9.471377

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1756-01 Acquired: 4/14/2025 16:49:36 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.954879	.1753629	.1765079
Stddev	.005834	.0003334	.0008362
%RSD	.2984468	.1901188	.4737675
#1	1.949262	.1749786	.1767529
#2	1.960909	.1755751	.1771943
#3	1.954468	.1755351	.1755766

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3168.177	77411.64	14821.90	2085.667	3986.524
Stddev	4.509	478.91	83.63	10.261	7.625
%RSD	.1423152	.6186586	.5642187	.4919649	.1912609
#1	3168.237	76883.96	14779.29	2075.647	3994.310
#2	3172.656	77532.22	14768.16	2085.200	3986.190
#3	3163.639	77818.74	14918.25	2096.153	3979.072

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1760-01 Acquired: 4/14/2025 16:53:41 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0283195	.0048338	.1453588	-.000528	-.008306	72.38275	.8222500
Stddev	.0046572	.0019749	.0018490	.001788	.001072	.19702	.0008541
%RSD	16.44524	40.85710	1.272046	338.7718	12.91073	.2721976	.1038751
#1	.0231663	.0025945	.1474321	-.001046	-.009460	72.18327	.8212958
#2	.0295647	.0055796	.1438807	.001462	-.008119	72.38775	.8229432
#3	.0322276	.0063272	.1447635	-.001999	-.007340	72.57722	.8225108

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0084934	.0005286	24.20377	.1586009	.0689486	.2049707	168.4185
Stddev	.0000448	.0000303	.14892	.0003688	.0004964	.0002840	.7423
%RSD	.5279185	5.731514	.6152633	.2325574	.7199831	.1385806	.4407209
#1	.0085065	.0005319	24.11272	.1590158	.0684082	.2052775	168.9938
#2	.0084434	.0004967	24.12298	.1583100	.0693844	.2047168	168.6809
#3	.0085302	.0005570	24.37563	.1584770	.0690532	.2049178	167.5806

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.628488	23.58934	.1700323	-.007483	2.611827	.1967051	.3894316
Stddev	.015242	.22777	.0000720	.000122	.031580	.0010300	.0010586
%RSD	.5798753	.9655578	.0423518	1.635821	1.209113	.5236442	.2718423
#1	2.616122	23.38938	.1700082	-.007618	2.608763	.1958879	.3891449
#2	2.623826	23.54135	.1699754	-.007379	2.644827	.1978621	.3885459
#3	2.645517	23.83727	.1701132	-.007453	2.581891	.1963655	.3906041

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.843014	-.206058	.0005810	-.000345	2.303144	9.664653	6.156264
Stddev	.062967	.013380	.0003262	.000469	.003205	.078567	.021808
%RSD	.9201615	6.493117	56.14450	135.8065	.1391566	.8129323	.3542430
#1	6.886937	-.196362	.0002048	.000196	2.301934	9.684501	6.173636
#2	6.871232	-.200489	.0007858	-.000628	2.300721	9.731392	6.131790
#3	6.770874	-.221322	.0007523	-.000604	2.306778	9.578065	6.163366

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1760-01 Acquired: 4/14/2025 16:53:41 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1294042	.1692021	.1030227
Stddev	.0044801	.0004506	.0000899
%RSD	3.462055	.2663193	.0872978
#1	.1248816	.1696267	.1030672
#2	.1338404	.1692502	.1030818
#3	.1294908	.1687293	.1029192

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3197.461	78675.28	15306.99	2102.361	4109.845
Stddev	2.974	137.35	151.05	5.528	3.635
%RSD	.0930150	.1745803	.9867964	.2629487	.0884379
#1	3195.526	78579.13	15412.05	2102.841	4107.292
#2	3195.971	78614.13	15375.03	2096.608	4108.237
#3	3200.886	78832.59	15133.89	2107.633	4114.007

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1760-05 Acquired: 4/14/2025 16:57:48 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0373045	.0035613	.1341518	.0002654	-.005586	64.64569	.7973723
Stddev	.0011692	.0034437	.0014795	.0029230	.002597	.10943	.0024443
%RSD	3.134214	96.69977	1.102829	1101.468	46.49914	.1692743	.3065469
#1	.0363047	-.000236	.1357358	.0004037	-.008578	64.52383	.7955536
#2	.0370188	.004437	.1328058	-.002724	-.003912	64.67769	.7964124
#3	.0385901	.006483	.1339140	.003117	-.004267	64.73555	.8001509

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0083996	.0006973	18.23349	.1339269	.0877350	.2488908	163.1776
Stddev	.0000883	.0000334	.08299	.0005263	.0003892	.0004227	.3580
%RSD	1.050958	4.789224	.4551663	.3929373	.4435648	.1698449	.2193672
#1	.0084039	.0007219	18.17908	.1336045	.0877766	.2493788	163.5660
#2	.0083093	.0006593	18.19239	.1336420	.0873267	.2486548	163.1060
#3	.0084856	.0007107	18.32902	.1345341	.0881017	.2486387	162.8609

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.700569	21.13116	.1921897	-.006971	3.366709	.1749640	.3843463
Stddev	.017514	.07735	.0005523	.000027	.008966	.0009058	.0009193
%RSD	.2274319	.3660374	.2873902	.3897654	.2663075	.5177250	.2391955
#1	7.688637	21.08995	.1918929	-.006943	3.376683	.1745832	.3849358
#2	7.692396	21.08314	.1918492	-.006975	3.364127	.1759981	.3832870
#3	7.720675	21.22038	.1928270	-.006997	3.359318	.1743108	.3848161

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.773436	-.189119	.0002156	-.000250	2.047277	9.066517	5.763237
Stddev	.015799	.002865	.0001228	.000167	.003632	.028747	.018930
%RSD	.2332471	1.515157	56.96638	66.60491	.1773975	.3170642	.3284573
#1	6.778582	-.189932	.0002301	-.000414	2.043476	9.089985	5.779903
#2	6.786021	-.185935	.0000861	-.000257	2.047640	9.075114	5.742656
#3	6.755706	-.191490	.0003304	-.000081	2.050713	9.034453	5.767151

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1760-05 Acquired: 4/14/2025 16:57:48 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.189700	.1657646	.0865092
Stddev	.006491	.0004957	.0001755
%RSD	.5455826	.2990475	.2029042
#1	1.196544	.1654392	.0863581
#2	1.188925	.1655195	.0864679
#3	1.183632	.1663351	.0867017

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3193.281	78453.16	15326.76	2121.903	4051.282
Stddev	7.267	134.14	78.14	9.039	7.666
%RSD	.2275760	.1709838	.5098468	.4259987	.1892178
#1	3184.940	78325.21	15359.15	2111.671	4044.505
#2	3196.655	78592.74	15383.50	2125.235	4059.602
#3	3198.247	78441.53	15237.63	2128.803	4049.738

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1779-01 Acquired: 4/14/2025 17:01:54 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0308188	.0031283	.2352597	-.001545	-.009045	94.60611	.5499426
Stddev	.0012403	.0019617	.0004576	.004002	.001756	.19433	.0028854
%RSD	4.024580	62.70831	.1945149	259.0223	19.41544	.2054096	.5246684
#1	.0322453	.0053922	.2354492	-.000369	-.010311	94.63014	.5520765
#2	.0299943	.0020618	.2347378	-.006004	-.009784	94.40088	.5510917
#3	.0302169	.0019309	.2355922	.001737	-.007040	94.78731	.5466598

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0099751	.0012182	21.67053	.1619439	.1017321	.2827402	181.8219
Stddev	.0000656	.0000681	.02995	.0016175	.0001690	.0008582	.3101
%RSD	.6574457	5.593840	.1382140	.9988240	.1661616	.3035330	.1705288
#1	.0099004	.0011663	21.69096	.1625900	.1015807	.2836582	181.6349
#2	.0100234	.0011929	21.68448	.1601032	.1017010	.2826046	181.6509
#3	.0100014	.0012954	21.63615	.1631385	.1019145	.2819579	182.1798

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.262944	28.14155	.1701844	-.009895	10.16577	.2158875	.4917541
Stddev	.008693	.04548	.0004941	.000162	.04077	.0009342	.0003961
%RSD	.1651738	.1616209	.2903578	1.638869	.4010878	.4327484	.0805428
#1	5.270635	28.12762	.1696327	-.009987	10.12208	.2153963	.4913617
#2	5.264686	28.10465	.1705863	-.009991	10.20281	.2169648	.4917468
#3	5.253513	28.19236	.1703342	-.009708	10.17243	.2153013	.4921538

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.846713	-.269739	.0016908	.0037864	2.694344	2.150192	4.118628
Stddev	.048490	.004775	.0002666	.0005571	.003039	.003324	.009422
%RSD	.5481184	1.770060	15.76578	14.71286	.1127936	.1545813	.2287763
#1	8.813023	-.271134	.0015968	.0043687	2.697021	2.146460	4.107764
#2	8.824828	-.273661	.0019916	.0032585	2.691041	2.152833	4.124572
#3	8.902289	-.264423	.0014839	.0037321	2.694970	2.151282	4.123548

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1779-01 Acquired: 4/14/2025 17:01:54 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.3447047	.1930096	.1287018
Stddev	.0039028	.0011436	.0004052
%RSD	1.132216	.5925134	.3148628
#1	.3456965	.1934039	.1290674
#2	.3480159	.1917210	.1287720
#3	.3404017	.1939039	.1282661

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3124.053	75395.85	13989.81	2070.983	4044.691
Stddev	1.305	199.87	19.40	2.559	2.755
%RSD	.0417746	.2650952	.1386438	.1235409	.0681168
#1	3122.927	75491.28	13967.43	2073.188	4046.254
#2	3123.750	75530.13	14001.75	2071.582	4046.309
#3	3125.483	75166.16	14000.25	2068.178	4041.510

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1779-05 Acquired: 4/14/2025 17:06:01 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0518907	.0026497	1.013839	.0085805	-.009339	201.1944	.9292444
Stddev	.0026990	.0005447	.003070	.0056434	.001559	1.5986	.0018240
%RSD	5.201395	20.55490	.3027783	65.77036	16.69499	.7945790	.1962892
#1	.0517679	.0030265	1.015023	.0059274	-.009741	199.4366	.9290966
#2	.0546490	.0020253	1.016141	.0047525	-.010658	201.5853	.9311378
#3	.0492551	.0028973	1.010354	.0150616	-.007618	202.5614	.9274988

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0090483	-.001308	23.22121	.2004994	.0871305	.2080848	172.7339
Stddev	.0000673	.000056	.07363	.0011675	.0005510	.0006546	.6756
%RSD	.7434936	4.280529	.3170594	.5823073	.6323723	.3145677	.3911432
#1	.0090894	-.001370	23.15892	.2007135	.0873206	.2086864	173.5048
#2	.0089706	-.001292	23.20225	.1992396	.0865096	.2081802	172.2449
#3	.0090847	-.001261	23.30246	.2015450	.0875612	.2073877	172.4521

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.752313	25.02455	.1994628	-.005812	19.59830	.2853181	.5062448
Stddev	.001325	.06999	.0008358	.000416	.10876	.0013214	.0022679
%RSD	.0756349	.2796925	.4190032	7.164107	.5549215	.4631409	.4479822
#1	1.753674	24.96916	.1999492	-.006047	19.69319	.2863067	.5083419
#2	1.751026	25.00128	.1984978	-.006057	19.62209	.2838172	.5065547
#3	1.752239	25.10321	.1999415	-.005331	19.47962	.2858304	.5038380

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.440873	-.162237	.0027212	.0268244	1.859534	7.279510	6.808386
Stddev	.030155	.003841	.0004394	.0018610	.001985	.024989	.007984
%RSD	.4052635	2.367757	16.14917	6.937819	.1067437	.3432852	.1172637
#1	7.452289	-.157966	.0031073	.0271013	1.860253	7.296620	6.816905
#2	7.463654	-.165408	.0028132	.0248404	1.857290	7.291077	6.807178
#3	7.406677	-.163339	.0022430	.0285314	1.861059	7.250832	6.801075

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1779-05 Acquired: 4/14/2025 17:06:01 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.546807	.2006989	.1840462
Stddev	.012521	.0006721	.0001406
%RSD	.3530223	.3348818	.0764104
#1	3.534078	.2000329	.1839604
#2	3.547235	.2013770	.1842085
#3	3.559109	.2006868	.1839697

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3074.168	74348.45	15236.45	2030.088	3980.930
Stddev	5.908	201.12	30.52	10.632	8.943
%RSD	.1921807	.2705139	.2003029	.5237289	.2246347
#1	3067.725	74117.25	15259.98	2020.838	3971.106
#2	3079.332	74445.06	15247.39	2027.723	3988.596
#3	3075.446	74483.03	15201.96	2041.704	3983.087

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1779-05DUP Acquired: 4/14/2025 17:10:16 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0500731	.0070665	.9334315	.0115459	-.009620	207.0213	.9393809
Stddev	.0019406	.0007300	.0015057	.0045294	.002443	2.5552	.0041756
%RSD	3.875618	10.33020	.1613023	39.22970	25.38929	1.234259	.4445083
#1	.0500930	.0062250	.9317014	.0105465	-.009610	206.5059	.9392045
#2	.0481226	.0075287	.9341489	.0164916	-.007183	209.7949	.9352962
#3	.0520037	.0074459	.9344444	.0075997	-.012068	204.7631	.9436419

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0092190	-.001841	21.75842	.2085723	.0888304	.2119574	181.8903
Stddev	.0000303	.000210	.05425	.0000865	.0000855	.0009681	.4077
%RSD	.3281381	11.41822	.2493419	.0414843	.0962380	.4567224	.2241358
#1	.0091951	-.001699	21.79440	.2084913	.0888361	.2127308	181.5492
#2	.0092530	-.001742	21.78486	.2085620	.0889128	.2108718	181.7799
#3	.0092089	-.002083	21.69602	.2086635	.0887421	.2122697	182.3418

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.793926	25.61605	.2044371	-.005892	19.63807	.2995624	.5189852
Stddev	.002273	.11191	.0004997	.000072	.13451	.0005977	.0020103
%RSD	.1267093	.4368726	.2444377	1.226481	.6849361	.1995207	.3873581
#1	1.795729	25.66036	.2042724	-.005848	19.57039	.2995309	.5171364
#2	1.794676	25.69901	.2040405	-.005976	19.55083	.3001752	.5186940
#3	1.791372	25.48877	.2049984	-.005853	19.79297	.2989811	.5211253

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.671997	-.160667	.0032475	.0214871	1.894240	8.010454	6.767482
Stddev	.079496	.003538	.0002796	.0007531	.002606	.033097	.032961
%RSD	1.036180	2.202265	8.609572	3.504792	.1375900	.4131684	.4870468
#1	7.609656	-.162743	.0030271	.0222835	1.895380	7.997876	6.737509
#2	7.644817	-.162675	.0031534	.0213913	1.891258	7.985491	6.762156
#3	7.761518	-.156581	.0035620	.0207865	1.896083	8.047996	6.802782

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1779-05DUP Acquired: 4/14/2025 17:10:16 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.500079	.2089898	.1682993
Stddev	.016504	.0017626	.0005278
%RSD	.4715192	.8434121	.3136379
#1	3.489423	.2079326	.1683321
#2	3.491725	.2080121	.1677559
#3	3.519089	.2110246	.1688100

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3070.309	73612.76	15231.87	2017.870	3980.233
Stddev	4.081	122.82	73.01	7.683	6.731
%RSD	.1329177	.1668454	.4793156	.3807703	.1691192
#1	3065.892	73656.39	15206.02	2026.693	3973.749
#2	3073.940	73474.09	15175.31	2012.655	3987.187
#3	3071.095	73707.82	15314.29	2014.261	3979.764

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1779-05LX5 Acquired: 4/14/2025 17:14:30 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0119427	-.000005	.2177487	-.000106	-.002460	44.70288	.2046552
Stddev	.0035938	.001317	.0010840	.003443	.001510	.24070	.0011360
%RSD	30.09221	25254.07	.4978062	3237.543	61.37791	.5384470	.5550786
#1	.0160796	.000891	.2168084	.003005	-.004169	44.51997	.2034851
#2	.0101581	.000611	.2175035	.000480	-.001304	44.61310	.2047267
#3	.0095905	-.001518	.2189343	-.003805	-.001908	44.97557	.2057538

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0021490	-.001478	5.338921	.0466110	.0177996	.0503797	38.97434
Stddev	.0000319	.000041	.041206	.0002975	.0000829	.0004092	.09916
%RSD	1.484953	2.800651	.7718113	.6381866	.4658750	.8122333	.2544330
#1	.0021285	-.001440	5.291374	.0463624	.0178585	.0501931	38.92763
#2	.0021858	-.001474	5.361137	.0465301	.0177048	.0500969	38.90716
#3	.0021328	-.001522	5.364251	.0469406	.0178356	.0508489	39.08823

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4016676	5.686783	.0411896	-.001867	4.028658	.0656314	.1129956
Stddev	.0008750	.036345	.0001915	.000143	.008658	.0012565	.0000976
%RSD	.2178316	.6391138	.4648288	7.661566	.2149097	1.914402	.0863828
#1	.4006706	5.655900	.0413253	-.002029	4.036852	.0667708	.1128830
#2	.4020246	5.677616	.0409706	-.001757	4.029521	.0658394	.1130547
#3	.4023076	5.726835	.0412729	-.001815	4.019601	.0642839	.1130492

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.533579	-.038601	.0006440	.0048594	.4157560	1.621136	1.424686
Stddev	.024419	.000268	.0000838	.0005569	.0032718	.008584	.005063
%RSD	1.592271	.6935987	13.00931	11.46034	.7869488	.5294842	.3553627
#1	1.505488	-.038707	.0005509	.0046981	.4124344	1.617567	1.427611
#2	1.545518	-.038296	.0007133	.0044010	.4158580	1.614913	1.418840
#3	1.549731	-.038799	.0006678	.0054792	.4189756	1.630929	1.427607

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1779-05LX5 Acquired: 4/14/2025 17:14:30 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7394139	.0448593	.0411709
Stddev	.0065918	.0007080	.0000684
%RSD	.8914946	1.578186	.1661909
#1	.7467738	.0448517	.0411408
#2	.7340528	.0455710	.0411226
#3	.7374151	.0441551	.0412492

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2844.168	68920.31	13957.63	1894.879	4231.285
Stddev	3.199	155.59	88.10	7.976	.840
%RSD	.1124729	.2257552	.6311976	.4209131	.0198440
#1	2843.720	69090.05	14056.70	1902.740	4232.255
#2	2847.568	68886.42	13928.08	1895.105	4230.801
#3	2841.217	68784.46	13888.10	1886.793	4230.799

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: CCV04 Acquired: 4/14/2025 17:18:46 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV04 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.920990	4.960166	4.940568	4.953243	4.931211	9.705842	9.579208
Stddev	.013571	.014451	.004545	.004478	.013014	.015151	.042126
%RSD	.2757863	.2913328	.0919934	.0904086	.2639037	.1561069	.4397687
#1	4.922369	4.944891	4.944581	4.952171	4.930036	9.705537	9.578372
#2	4.906782	4.961985	4.935633	4.949397	4.918826	9.721144	9.621746
#3	4.933820	4.973620	4.941490	4.958159	4.944773	9.690845	9.537506

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2483045	2.480333	24.20714	1.001924	2.478494	1.247357	4.933402
Stddev	.0021015	.002557	.10071	.002818	.004538	.002958	.041354
%RSD	.8463572	.1030990	.4160528	.2812667	.1831075	.2371632	.8382422
#1	.2483525	2.481404	24.28109	1.000573	2.481110	1.245696	4.925812
#2	.2461793	2.477414	24.09244	1.005163	2.473253	1.245602	4.978025
#3	.2503816	2.482180	24.24790	1.000036	2.481117	1.250772	4.896368

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.408554	24.08819	2.474353	1.241500	25.88454	2.423715	2.445218
Stddev	.009240	.12295	.002584	.001830	.33682	.001818	.007660
%RSD	.3836144	.5104306	.1044318	.1473968	1.301240	.0750047	.3132515
#1	2.417434	24.08952	2.475979	1.240011	25.93089	2.425346	2.438127
#2	2.398992	23.96457	2.471373	1.243543	26.19578	2.421755	2.453341
#3	2.409236	24.21047	2.475707	1.240946	25.52694	2.424044	2.444185

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.97536	4.916645	4.986014	4.973954	4.818007	4.946407	4.997020
Stddev	.31659	.052959	.006791	.003163	.009512	.034956	.009300
%RSD	1.218817	1.077138	.1361995	.0635944	.1974307	.7066884	.1861149
#1	25.90550	4.934996	4.982004	4.970363	4.827175	4.918128	5.004338
#2	26.32105	4.856951	4.982182	4.975172	4.818662	4.985488	5.000167
#3	25.69953	4.957988	4.993854	4.976327	4.808184	4.935603	4.986555

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: CCV04 Acquired: 4/14/2025 17:18:46 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV04 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.930739	4.817941	4.880087
Stddev	.016303	.023883	.069687
%RSD	.3306499	.4957156	1.427987
#1	4.931831	4.832029	4.867377
#2	4.913917	4.831429	4.817630
#3	4.946469	4.790365	4.955254

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2680.516	63958.53	12777.59	1726.139	4023.068
Stddev	2.985	253.24	92.29	8.800	4.246
%RSD	.1113573	.3959369	.7222780	.5097799	.1055402
#1	2682.287	64024.69	12751.89	1728.800	4022.042
#2	2682.190	63678.78	12880.00	1716.317	4027.732
#3	2677.069	64172.12	12700.87	1733.302	4019.428

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: CCB04 Acquired: 4/14/2025 17:22:58 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB04 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0026295	-.000121	.0018166	-.001295	.0004517	-.000992	-.000207
Stddev	.0007858	.001535	.0013859	.000923	.0001349	.001370	.000733
%RSD	29.88383	1272.570	76.28776	71.33657	29.87467	138.1295	353.3587
#1	.0021474	.001556	.0030081	-.000583	.0004985	-.001094	.000612
#2	.0022047	-.000461	.0002957	-.000962	.0002995	-.002308	-.000432
#3	.0035362	-.001457	.0021461	-.002338	.0005569	.000426	-.000801

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000676	.0001701	-.007459	-.000068	.0001628	.0002954	.0027233
Stddev	.0000300	.0000789	.006423	.000150	.0001270	.0000700	.0024148
%RSD	44.34426	46.39001	86.10162	220.3498	78.03511	23.70737	88.67072
#1	.0001019	.0001210	-.000177	-.000047	.0000186	.0003196	.0041929
#2	.0000553	.0001283	-.012317	-.000227	.0002114	.0003501	.0040407
#3	.0000458	.0002611	-.009884	.000070	.0002583	.0002165	-.000064

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005461	.0079812	.0002177	-.000318	-.018047	.0011910	-.000285
Stddev	.0003202	.0037137	.0001774	.000201	.008100	.0009934	.000255
%RSD	58.62686	46.53036	81.49746	63.20160	44.88402	83.40203	89.39504
#1	.0002011	.0113503	.0000453	-.000131	-.018295	.0012479	-.000192
#2	.0006036	.0039992	.0002081	-.000294	-.026020	.0021548	-.000090
#3	.0008336	.0085941	.0003997	-.000531	-.009826	.0001705	-.000574

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.018695	.0051475	.0004108	.0005473	.0001750	.0132923	.0026192
Stddev	.007886	.0001272	.0001045	.0002797	.0005129	.0032937	.0005458
%RSD	42.18387	2.471176	25.43867	51.11141	293.1054	24.77918	20.84061
#1	-.027789	.0051165	.0005179	.0005477	.0002129	.0150382	.0031506
#2	-.013740	.0050387	.0004054	.0002673	.0006678	.0153454	.0026470
#3	-.014556	.0052874	.0003091	.0008267	-.000356	.0094932	.0020599

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: CCB04 Acquired: 4/14/2025 17:22:58 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB04 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.002644	.0002089	.0003150
Stddev	.001600	.0010231	.0000294
%RSD	60.50533	489.8142	9.335057
#1	-.001657	-.000506	.0003385
#2	-.001786	-.000248	.0002820
#3	-.004490	.001381	.0003245

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2789.266	66930.56	13210.79	1808.085	4446.369
Stddev	1.704	154.74	42.75	3.641	4.483
%RSD	.0610887	.2311938	.3236041	.2013836	.1008299
#1	2789.342	66825.41	13172.20	1804.548	4442.493
#2	2787.526	67108.24	13256.74	1811.822	4451.279
#3	2790.931	66858.03	13203.42	1807.885	4445.334

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1779-05MS Acquired: 4/14/2025 17:27:18 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6970862	1.777190	1.868591	1.589419	.6565911	204.1748	1.111819
Stddev	.0037752	.017082	.001798	.003380	.0025607	1.4542	.003449
%RSD	.5415718	.9611710	.0962461	.2126600	.3899985	.7122085	.3101723
#1	.6939809	1.771005	1.870595	1.585516	.6537262	204.8709	1.108743
#2	.6959892	1.764061	1.868062	1.591403	.6573903	205.1500	1.111168
#3	.7012884	1.796502	1.867117	1.591338	.6586569	202.5034	1.115547

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1576247	.1855184	23.46650	.5239198	.2716600	.4393148	184.4475
Stddev	.0008484	.0001472	.02912	.0031826	.0002183	.0010330	1.4127
%RSD	.5382557	.0793646	.1241128	.6074560	.0803451	.2351334	.7658875
#1	.1570964	.1855874	23.44078	.5217464	.2716026	.4381514	183.9624
#2	.1586033	.1853494	23.49813	.5224402	.2714762	.4401244	183.3413
#3	.1571744	.1856185	23.46060	.5275728	.2719013	.4396686	186.0388

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.914050	26.68596	.6545166	.0567658	23.08111	.5283497	.6664047
Stddev	.003624	.13895	.0004691	.0005338	.25545	.0007583	.0018761
%RSD	.1893256	.5206960	.0716734	.9403415	1.106730	.1435243	.2815265
#1	1.909880	26.61542	.6545442	.0564380	23.05174	.5286604	.6658795
#2	1.915830	26.84603	.6540343	.0564777	22.84162	.5289034	.6648473
#3	1.916439	26.59642	.6549714	.0573818	23.34997	.5274854	.6684875

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.57608	.0832254	.3441199	.6788694	2.068479	9.598062	12.07117
Stddev	.15489	.0037244	.0008676	.0022399	.002751	.062414	.03502
%RSD	.9344149	4.475017	.2521066	.3299504	.1330132	.6502771	.2900949
#1	16.55537	.0805463	.3434969	.6805826	2.065844	9.605101	12.04973
#2	16.43259	.0816515	.3437520	.6763347	2.071334	9.532427	12.05220
#3	16.74028	.0874783	.3451107	.6796909	2.068259	9.656659	12.11158

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1779-05MS Acquired: 4/14/2025 17:27:18 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.483711	.3777844	.3478066
Stddev	.021280	.0011166	.0005686
%RSD	.6108478	.2955729	.1634779
#1	3.471332	.3775173	.3472814
#2	3.471518	.3768255	.3477281
#3	3.508283	.3790103	.3484104

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3048.767	73777.42	15761.63	2002.032	3948.963
Stddev	3.213	476.58	31.73	11.879	5.962
%RSD	.1053828	.6459706	.2013406	.5933485	.1509675
#1	3049.756	73849.98	15781.25	2003.043	3948.998
#2	3051.369	74213.55	15725.02	2013.374	3954.907
#3	3045.176	73268.71	15778.62	1989.680	3942.984

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1779-05MSD Acquired: 4/14/2025 17:31:27 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6924295	1.772297	1.851103	1.572655	.6510839	202.2443	1.116811
Stddev	.0047880	.007317	.002678	.005031	.0038789	1.1345	.004921
%RSD	.6914772	.4128554	.1446835	.3198799	.5957526	.5609781	.4406458
#1	.6895595	1.766992	1.850434	1.570644	.6537612	201.0801	1.121457
#2	.6897723	1.769255	1.848822	1.568941	.6528547	202.3060	1.117321
#3	.6979569	1.780645	1.854052	1.578380	.6466356	203.3467	1.111655

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1608727	.1846561	23.54524	.5233030	.2706752	.4358347	183.7501
Stddev	.0004025	.0004277	.02491	.0034747	.0006887	.0009497	1.3960
%RSD	.2501687	.2316311	.1057970	.6639926	.2544463	.2179145	.7597449
#1	.1608835	.1842821	23.56644	.5209289	.2704917	.4353462	183.1153
#2	.1612697	.1851224	23.55147	.5216890	.2700969	.4352287	182.7842
#3	.1604650	.1845637	23.51781	.5272912	.2714372	.4369293	185.3507

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.935720	26.81233	.6509402	.0571371	23.06061	.5306999	.6668853
Stddev	.002824	.05938	.0015706	.0002630	.14684	.0015172	.0029524
%RSD	.1459009	.2214704	.2412857	.4602512	.6367388	.2858801	.4427190
#1	1.936673	26.74399	.6491405	.0569893	23.03118	.5289916	.6638561
#2	1.937944	26.84159	.6516465	.0569812	22.93071	.5312177	.6670456
#3	1.932542	26.85139	.6520338	.0574407	23.21992	.5318904	.6697544

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.49505	.0777577	.3413773	.6691907	2.075935	9.553636	11.96198
Stddev	.11055	.0052737	.0002811	.0018917	.006026	.091033	.01572
%RSD	.6702045	6.782155	.0823584	.2826834	.2902903	.9528601	.1314400
#1	16.44930	.0758793	.3413490	.6671686	2.080986	9.505183	11.94720
#2	16.41471	.0736804	.3411114	.6694862	2.077555	9.497077	11.96023
#3	16.62113	.0837134	.3416716	.6709172	2.069264	9.658647	11.97850

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1779-05MSD Acquired: 4/14/2025 17:31:27 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.433298	.3807644	.3495240
Stddev	.005574	.0015628	.0010518
%RSD	.1623613	.4104267	.3009354
#1	3.426865	.3814410	.3504843
#2	3.436325	.3818748	.3496879
#3	3.436704	.3789773	.3483999

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3068.517	73516.71	15496.26	2020.533	3976.657
Stddev	2.158	574.35	40.35	17.024	4.929
%RSD	.0703110	.7812471	.2604130	.8425732	.1239426
#1	3070.327	73977.74	15519.93	2039.722	3980.917
#2	3069.095	73699.06	15449.66	2014.635	3977.795
#3	3066.130	72873.32	15519.18	2007.242	3971.259

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1779-05A Acquired: 4/14/2025 17:35:37 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6984176	1.804090	1.872730	1.591420	.6419573	205.7501	1.071232
Stddev	.0043593	.013408	.008796	.011995	.0017077	1.2533	.001597
%RSD	.6241654	.7431959	.4697038	.7537445	.2660203	.6091406	.1490692
#1	.6934220	1.806348	1.864851	1.583233	.6424418	206.3033	1.069476
#2	.7003803	1.789697	1.871120	1.585838	.6400597	206.6315	1.072598
#3	.7014506	1.816227	1.882221	1.605189	.6433705	204.3153	1.071620

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1805649	.1900652	23.33979	.5245808	.2727991	.4457812	166.2514
Stddev	.0008663	.0003835	.09005	.0035327	.0007031	.0011609	.3824
%RSD	.4797470	.2017754	.3858325	.6734328	.2577219	.2604114	.2299886
#1	.1796298	.1898714	23.28317	.5235754	.2726635	.4457654	166.5471
#2	.1813399	.1898173	23.44364	.5285072	.2721737	.4446283	166.3876
#3	.1807251	.1905069	23.29257	.5216598	.2735601	.4469499	165.8196

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.926853	27.04163	.6571932	.0548881	20.09945	.5294517	.6706243
Stddev	.004733	.17541	.0006231	.0004149	.09088	.0032137	.0009368
%RSD	.2456542	.6486631	.0948073	.7559357	.4521750	.6069935	.1396969
#1	1.921428	26.91758	.6569231	.0548047	20.18063	.5258394	.6698118
#2	1.928991	27.24232	.6567507	.0553384	20.00126	.5305216	.6716491
#3	1.930140	26.96500	.6579057	.0545213	20.11648	.5319940	.6704121

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.78901	.0014239	.3365001	.6663029	2.057495	8.933615	12.26286
Stddev	.03079	.0048565	.0012071	.0021284	.006939	.013673	.06402
%RSD	.2081641	341.0723	.3587107	.3194313	.3372726	.1530469	.5220624
#1	14.82411	.0069987	.3355494	.6686989	2.050810	8.944739	12.21971
#2	14.76661	-.000838	.3360927	.6655784	2.064664	8.937754	12.23245
#3	14.77630	-.001890	.3378581	.6646313	2.057011	8.918351	12.33641

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1779-05A Acquired: 4/14/2025 17:35:37 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.497177	.3736327	.3389489
Stddev	.018356	.0003831	.0007008
%RSD	.5248933	.1025298	.2067664
#1	3.476049	.3736951	.3381460
#2	3.506263	.3732222	.3392627
#3	3.509217	.3739808	.3394380

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3044.344	73257.88	13927.79	2013.323	3943.377
Stddev	4.190	142.46	64.54	6.263	5.688
%RSD	.1376467	.1944659	.4633631	.3110771	.1442363
#1	3049.177	73222.36	13982.79	2013.594	3948.812
#2	3042.113	73136.54	13856.75	2006.929	3943.851
#3	3041.741	73414.74	13943.84	2019.446	3937.466

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1781-01 Acquired: 4/14/2025 17:39:44 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1160743	.0300095	.2073279	.0029180	-.019106	71.23554	.2593553
Stddev	.0020277	.0011686	.0006555	.0020615	.001790	.21230	.0006235
%RSD	1.746905	3.894063	.3161783	70.64765	9.366916	.2980229	.2403952
#1	.1149076	.0313422	.2078032	.0008454	-.017277	71.23522	.2588040
#2	.1184157	.0291602	.2076004	.0029404	-.019186	71.44801	.2600320
#3	.1148997	.0295260	.2065801	.0049681	-.020854	71.02341	.2592300

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0108430	-.000588	5.956141	.2757917	.0226185	.3458565	380.0570
Stddev	.0001072	.000389	.030301	.0011247	.0002438	.0008087	1.2441
%RSD	.9885376	66.15695	.5087415	.4078202	1.078052	.2338152	.3273410
#1	.0108718	-.000467	5.971249	.2765021	.0225030	.3460089	379.2348
#2	.0109329	-.001024	5.975918	.2763780	.0224538	.3449825	381.4882
#3	.0107244	-.000275	5.921256	.2744949	.0228986	.3465781	379.4478

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1317863	2.424067	.0297437	-.017372	3.035554	.2872882	.2675266
Stddev	.0009371	.018986	.0003362	.000182	.013688	.0011066	.0014327
%RSD	.7111095	.7832112	1.130254	1.047099	.4509203	.3851871	.5355418
#1	.1327475	2.403929	.0295699	-.017534	3.044151	.2885338	.2690436
#2	.1308753	2.441639	.0295300	-.017407	3.042741	.2869122	.2673398
#3	.1317360	2.426633	.0301312	-.017175	3.019769	.2864186	.2661965

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.308196	-.458040	-.000758	.0115539	.2460064	2.452050	.5093109
Stddev	.021106	.003235	.000539	.0004106	.0022791	.022270	.0046993
%RSD	.3976064	.7062886	71.03556	3.554019	.9264521	.9082108	.9226793
#1	5.294410	-.461617	-.001373	.0111097	.2461725	2.440922	.5146178
#2	5.332494	-.455321	-.000370	.0119195	.2481980	2.477691	.5076378
#3	5.297685	-.457181	-.000531	.0116325	.2436488	2.437538	.5056771

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1781-01 Acquired: 4/14/2025 17:39:44 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.653063	.1942699	.0600018
Stddev	.003954	.0015728	.0003553
%RSD	.1490255	.8096181	.5921791
#1	2.651470	.1941669	.0600645
#2	2.650154	.1958917	.0603216
#3	2.657564	.1927511	.0596193

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3251.825	79062.95	15813.03	2177.248	4083.989
Stddev	3.617	234.39	60.81	10.046	8.276
%RSD	.1112452	.2964596	.3845447	.4614108	.2026386
#1	3255.961	78989.15	15758.57	2177.741	4077.942
#2	3249.250	78874.34	15801.88	2166.964	4080.604
#3	3250.264	79325.36	15878.64	2187.038	4093.420

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1781-05 Acquired: 4/14/2025 17:43:54 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0232618	.0028316	.0671987	.0027033	-.002461	16.01387	.0415333
Stddev	.0004614	.0022029	.0014185	.0032971	.001429	.02098	.0001356
%RSD	1.983641	77.79845	2.110881	121.9629	58.05755	.1310318	.3265216
#1	.0231881	.0047247	.0670977	.0004593	-.002588	15.99464	.0413776
#2	.0237556	.0004136	.0686649	.0011619	-.003822	16.01071	.0416258
#3	.0228416	.0033564	.0658334	.0064887	-.000973	16.03625	.0415965

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0030953	-.003008	2.028263	.0900941	.0121125	.0866663	95.38931
Stddev	.0000732	.000192	.005897	.0002001	.0001520	.0007576	.38044
%RSD	2.365118	6.398249	.2907409	.2220675	1.255227	.8741604	.3988274
#1	.0031756	-.002974	2.022295	.0898852	.0120246	.0875075	95.29793
#2	.0030323	-.003216	2.028409	.0902840	.0120249	.0860378	95.80711
#3	.0030779	-.002836	2.034086	.0901132	.0122881	.0864534	95.06288

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1615752	1.632581	.0225310	-.004399	.3328784	.1400304	.1523040
Stddev	.0007991	.024494	.0004661	.000107	.0011828	.0014060	.0011796
%RSD	.4945488	1.500304	2.068557	2.440411	.3553111	1.004036	.7745304
#1	.1606543	1.631800	.0222715	-.004375	.3315550	.1394006	.1531651
#2	.1620852	1.608488	.0230691	-.004517	.3338320	.1390495	.1527876
#3	.1619862	1.657456	.0222524	-.004306	.3332483	.1416412	.1509595

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6306807	-.123907	.0008896	.0018175	.6808325	2.726789	1.202069
Stddev	.0111657	.002642	.0001602	.0007933	.0014909	.022565	.004416
%RSD	1.770413	2.132605	18.01256	43.64729	.2189807	.8275296	.3673959
#1	.6204549	-.123968	.0007752	.0018935	.6795095	2.717004	1.207165
#2	.6425941	-.121234	.0010727	.0025701	.6824479	2.752595	1.199704
#3	.6289933	-.126518	.0008209	.0009889	.6805401	2.710768	1.199340

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1781-05 Acquired: 4/14/2025 17:43:54 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1374152	.0449111	.0107743
Stddev	.0017271	.0006527	.0000783
%RSD	1.256836	1.453309	.7270480
#1	.1394092	.0442139	.0107902
#2	.1363921	.0455076	.0106892
#3	.1364443	.0450116	.0108434

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2843.628	68906.16	13418.65	1885.793	4354.998
Stddev	5.457	127.86	61.19	13.549	8.872
%RSD	.1919016	.1855626	.4560020	.7185018	.2037191
#1	2840.654	68813.34	13390.72	1877.962	4349.211
#2	2849.926	68853.14	13488.82	1877.977	4365.212
#3	2840.303	69052.01	13376.40	1901.438	4350.570

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1781-09 Acquired: 4/14/2025 17:48:09 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0376292	.0032776	.1022142	.0050601	-.004575	30.92623	.1171516
Stddev	.0008096	.0015614	.0020423	.0008597	.002120	.05026	.0012977
%RSD	2.151435	47.63770	1.998087	16.98955	46.32776	.1625058	1.107685
#1	.0380922	.0049719	.1024249	.0040956	-.002704	30.92659	.1168736
#2	.0366944	.0018966	.1000746	.0057458	-.006877	30.87580	.1185657
#3	.0381010	.0029643	.1041430	.0053388	-.004144	30.97631	.1160154

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0043813	-.005357	2.800578	.1729528	.0248434	.1069382	152.0739
Stddev	.0000962	.000048	.007785	.0006180	.0001632	.0000162	.4299
%RSD	2.195824	.8957261	.2779660	.3572913	.6570941	.0151347	.2826804
#1	.0042902	-.005302	2.795402	.1731613	.0246592	.1069500	151.5775
#2	.0043717	-.005374	2.809531	.1722576	.0249010	.1069448	152.3254
#3	.0044819	-.005394	2.796803	.1734395	.0249701	.1069197	152.3187

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3153295	1.622921	.0285649	-.004307	.9073239	.3262006	.1447582
Stddev	.0003440	.004726	.0001071	.000351	.0158275	.0001900	.0002191
%RSD	.1090812	.2912295	.3749690	8.137997	1.744412	.0582376	.1513850
#1	.3149352	1.628325	.0286600	-.004109	.9135757	.3259824	.1449554
#2	.3154857	1.620881	.0284489	-.004100	.8893254	.3262902	.1445223
#3	.3155677	1.619557	.0285859	-.004712	.9190706	.3263293	.1447969

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.024260	-.129234	.0037434	.0044415	.7864612	5.186041	1.540248
Stddev	.007220	.000926	.0001503	.0002546	.0007046	.021816	.006456
%RSD	.3566832	.7167431	4.015866	5.732346	.0895954	.4206608	.4191734
#1	2.022726	-.129382	.0035803	.0044958	.7871846	5.161014	1.547602
#2	2.017930	-.128242	.0038765	.0046646	.7857769	5.201033	1.535509
#3	2.032124	-.130077	.0037734	.0041641	.7864222	5.196077	1.537633

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1781-09 Acquired: 4/14/2025 17:48:09 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.009400	.0782555	.0279677
Stddev	.006844	.0006487	.0000351
%RSD	.6780365	.8290063	.1256588
#1	1.013100	.0787580	.0279272
#2	1.013599	.0784855	.0279853
#3	1.001503	.0775231	.0279906

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2896.348	70789.45	14794.25	1905.602	4218.680
Stddev	6.375	104.68	37.81	9.266	5.400
%RSD	.2201035	.1478816	.2555693	.4862335	.1280133
#1	2901.918	70793.94	14778.23	1907.656	4213.050
#2	2889.395	70891.82	14837.44	1913.668	4219.175
#3	2897.730	70682.59	14767.10	1895.482	4223.816

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: PB167567BL Acquired: 4/14/2025 17:52:21 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006128	-.000795	.0008128	-.001426	.0012979	.0031289	-.000284
Stddev	.0022127	.001126	.0007609	.003176	.0008568	.0031183	.000615
%RSD	361.0825	141.5162	93.61560	222.7260	66.01610	99.66125	216.5942
#1	.0025919	.000318	.0016797	-.000045	.0011420	.0065068	-.000246
#2	.0010228	-.001933	.0002552	.000826	.0005297	.0003600	-.000916
#3	-.001776	-.000771	.0005036	-.005059	.0022220	.0025199	.000311

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000016	-.000030	-.002766	-.000136	-.000027	.0062404	.0048343
Stddev	.000025	.000065	.002632	.000090	.000173	.0005728	.0031070
%RSD	155.9577	213.7102	95.17934	66.39622	647.5807	9.178136	64.27081
#1	-.000034	-.000104	.000222	-.000164	-.000205	.0067534	.0041731
#2	.000013	-.000006	-.003776	-.000208	-.000016	.0056224	.0082187
#3	-.000027	.000019	-.004743	-.000035	.000141	.0063453	.0021111

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002309	.0001100	.0007074	-.000186	-.020243	.0001051	.0001231
Stddev	.0004770	.0057205	.0002275	.000177	.004816	.0007144	.0002540
%RSD	206.5633	5202.883	32.15580	95.19255	23.79256	679.4283	206.2456
#1	.0003289	.0066564	.0007430	-.000196	-.022541	-.000179	-.000135
#2	-.000287	-.002401	.0004642	-.000357	-.014708	-.000423	.000373
#3	.000651	-.003926	.0009149	-.000004	-.023481	.000918	.000131

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.037249	-.001709	-.000379	-.000439	-.000771	.0082188	.0023317
Stddev	.031571	.000419	.000063	.000830	.000424	.0027500	.0027950
%RSD	84.75554	24.51476	16.58795	189.0337	54.96323	33.46000	119.8699
#1	-.073684	-.002193	-.000422	.000455	-.000808	.0051563	.0052315
#2	-.020074	-.001465	-.000307	-.001186	-.000331	.0104769	-.000345
#3	-.017990	-.001471	-.000408	-.000586	-.001176	.0090232	.002109

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: PB167567BL Acquired: 4/14/2025 17:52:21 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.003120	-.000379	.0000173
Stddev	.003222	.000358	.0000456
%RSD	103.2538	94.36737	263.1456
#1	-.006734	-.000452	-.000019
#2	-.002080	-.000695	.000002
#3	-.000547	.000009	.000068

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2856.039	69298.20	14105.44	1850.132	4612.057
Stddev	3.870	162.13	52.83	4.122	3.648
%RSD	.1355060	.2339529	.3745636	.2228065	.0790959
#1	2856.923	69485.39	14114.11	1852.390	4608.625
#2	2851.804	69206.26	14153.40	1845.374	4611.657
#3	2859.392	69202.94	14048.81	1852.632	4615.888

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: PB167567BS Acquired: 4/14/2025 17:56:41 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8011289	2.050231	.9990937	2.017653	.8097910	1.895105
Stddev	.0037721	.009483	.0013354	.005775	.0037397	.002376
%RSD	.4708482	.4625101	.1336630	.2862137	.4618090	.1253723
#1	.7994718	2.049429	.9984671	2.015193	.8061237	1.894909
#2	.7984691	2.041175	.9981868	2.013515	.8135991	1.892833
#3	.8054460	2.060089	1.000627	2.024250	.8096501	1.897573

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1931598	.1904702	.2024777	1.007211	.3988164	.1965210
Stddev	.0012323	.0007112	.0007047	.003214	.0005990	.0008925
%RSD	.6379618	.3733845	.3480505	.3191427	.1501926	.4541685
#1	.1922881	.1898219	.2017452	1.005696	.3991861	.1955419
#2	.1926216	.1912309	.2025372	1.010903	.3991378	.1967317
#3	.1945696	.1903579	.2031509	1.005034	.3981253	.1972893

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3079142	3.067182	.1981752	1.885200	.4923222	.0731426
Stddev	.0001143	.011768	.0004816	.004835	.0009421	.0004994
%RSD	.0371273	.3836906	.2430197	.2564775	.1913659	.6827576
#1	.3079847	3.079963	.1983136	1.888013	.4914663	.0733192
#2	.3079755	3.064789	.1985725	1.887970	.4921686	.0725789
#3	.3077823	3.056794	.1976396	1.879617	.4933317	.0735297

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.851609	.2894795	.1981865	9.789940	.2759728	.4102154
Stddev	.006625	.0017998	.0010145	.009825	.0004722	.0002508
%RSD	.2323277	.6217396	.5118959	.1003566	.1711131	.0611399
#1	2.849030	.2878577	.1992738	9.790258	.2757635	.4100360
#2	2.846661	.2891648	.1980204	9.799602	.2765135	.4101083
#3	2.859136	.2914158	.1972652	9.779960	.2756414	.4105020

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: PB167567BS Acquired: 4/14/2025 17:56:41 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6971908	.1960911	F .7025236	5.863297	F -.005166	.2026153
Stddev	.0021246	.0001967	.0023811	.014891	.000565	.0010403
%RSD	.3047371	.1003241	.3389325	.2539646	10.94433	.5134303
#1	.6967367	.1963123	.7000623	5.855910	-.004588	.2035358
#2	.6953300	.1960252	.7026929	5.853543	-.005718	.2028234
#3	.6995057	.1959358	.7048154	5.880436	-.005192	.2014867

Elem	Sr4077
Units	ppm
Avg	.2019851
Stddev	.0000850
%RSD	.0420727
#1	.2018881
#2	.2020466
#3	.2020205

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2808.672	67423.21	13840.40	1865.369	4390.104
Stddev	4.220	104.46	24.27	9.381	2.882
%RSD	.1502537	.1549294	.1753725	.5028944	.0656588
#1	2803.939	67329.43	13837.97	1854.893	4390.578
#2	2810.032	67535.79	13817.44	1872.992	4392.720
#3	2812.044	67404.39	13865.80	1868.222	4387.014

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: PB167482BL Acquired: 4/14/2025 18:00:44 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000142	-.001113	.0001563	-.001438	.0004857	.0048740	.0001166
Stddev	.001796	.000313	.0005490	.002706	.0013633	.0071777	.0012614
%RSD	1267.699	28.14021	351.3787	188.1678	280.7128	147.2647	1081.680
#1	.001523	-.001427	.0007518	-.002830	.0016917	.0012834	.0014695
#2	.000097	-.001110	.0000468	-.003166	-.000994	.0131386	-.001027
#3	-.002045	-.000801	-.000330	.001681	.000759	.0002002	-.000092

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000028	-.000027	-.010804	-.000143	.0000798	.0002060	.0016201
Stddev	.000017	.000024	.006989	.000211	.0000037	.0006318	.0019699
%RSD	59.64297	91.87102	64.68680	147.8206	4.669788	306.6239	121.5880
#1	-.000045	-.000055	-.012621	-.000386	.0000766	-.000442	-.000342
#2	-.000029	-.000015	-.016706	-.000023	.0000789	.000239	.003597
#3	-.000011	-.000010	-.003086	-.000019	.0000839	.000821	.001605

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004176	.0101358	-.000386	-.000152	-.013462	-.000108	-.000447
Stddev	.0002770	.0069774	.000607	.000489	.003625	.000575	.000261
%RSD	66.32538	68.83890	157.3385	320.7667	26.92825	532.2116	58.45629
#1	.0001723	.0150553	-.000599	.000411	-.010517	-.000405	-.000446
#2	.0007180	.0021504	-.000858	-.000463	-.012358	-.000474	-.000186
#3	.0003627	.0132018	.000299	-.000405	-.017511	.000554	-.000708

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0011095	-.001282	-.000420	-.000175	-.000382	.0034758	.0007310
Stddev	.0228033	.000570	.000137	.000588	.000534	.0065366	.0016199
%RSD	2055.280	44.49392	32.59888	336.0584	139.5842	188.0574	221.5984
#1	-.001250	-.001641	-.000308	-.000149	-.000782	.0034436	.0003523
#2	.025001	-.000624	-.000573	-.000776	-.000588	.0100285	-.000666
#3	-.020422	-.001581	-.000380	.000400	.000224	-.003045	.002507

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: PB167482BL Acquired: 4/14/2025 18:00:44 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0004091	-.000562	-.000056
Stddev	.0021665	.001188	.000071
%RSD	529.5281	211.2704	127.1029
#1	-.000088	-.001008	.000024
#2	-.001466	-.001464	-.000078
#3	.002781	.000784	-.000113

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2835.162	68217.02	12657.84	1900.611	4514.448
Stddev	1.662	219.62	32.24	6.216	9.643
%RSD	.0586377	.3219451	.2546711	.3270769	.2135959
#1	2835.884	67963.84	12674.83	1894.858	4521.145
#2	2833.260	68356.11	12678.04	1899.771	4518.802
#3	2836.341	68331.13	12620.67	1907.205	4503.395

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: PB167482BS Acquired: 4/14/2025 18:12:42 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7492761	1.907872	.9213846	1.881776	.7515473	1.721706
Stddev	.0067418	.008080	.0059220	.000415	.0047405	.007314
%RSD	.8997820	.4234918	.6427292	.0220562	.6307627	.4247900
#1	.7505061	1.916399	.9183280	1.881912	.7461467	1.723592
#2	.7420039	1.906889	.9176154	1.881310	.7534753	1.713635
#3	.7553183	1.900330	.9282103	1.882106	.7550201	1.727893

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1764244	.1709897	.1871711	.9006899	.3659587	.1808740
Stddev	.0011259	.0008420	.0005915	.0039118	.0009276	.0004583
%RSD	.6381898	.4924284	.3160326	.4343150	.2534605	.2533671
#1	.1776032	.1719492	.1865640	.9049352	.3652664	.1808882
#2	.1753601	.1703741	.1872036	.8972310	.3670126	.1804088
#3	.1763100	.1706458	.1877457	.8999036	.3655971	.1813250

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2849515	2.819140	.1790917	1.714660	.4538674	.0674023
Stddev	.0008652	.011830	.0009709	.016426	.0017096	.0003714
%RSD	.3036264	.4196279	.5421033	.9579871	.3766709	.5509395
#1	.2853992	2.816406	.1790094	1.713552	.4522254	.0677125
#2	.2839542	2.808917	.1781646	1.731612	.4537394	.0675035
#3	.2855010	2.832098	.1801011	1.698815	.4556374	.0669908

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.618559	.2649775	.1826942	8.982324	.2474965	.3774112
Stddev	.012218	.0001524	.0010715	.007081	.0018333	.0010490
%RSD	.4666009	.0575005	.5865105	.0788292	.7407274	.2779355
#1	2.604997	.2651515	.1828096	8.981205	.2494292	.3778065
#2	2.621972	.2648681	.1815697	8.975868	.2457822	.3762221
#3	2.628708	.2649128	.1837034	8.989897	.2472780	.3782051

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: PB167482BS Acquired: 4/14/2025 18:12:42 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6445381	.1774623	F .6403500	5.474642	F -.008173	.1834610
Stddev	.0034616	.0005257	.0075357	.012675	.001458	.0011771
%RSD	.5370608	.2962371	1.176812	.2315294	17.83478	.6415892
#1	.6421943	.1773490	.6362703	5.460367	-.007726	.1848188
#2	.6429060	.1770025	.6357338	5.478982	-.006991	.1827289
#3	.6485140	.1780355	.6490460	5.484578	-.009801	.1828355

Elem	Sr4077
Units	ppm
Avg	.1836178
Stddev	.0000280
%RSD	.0152380
#1	.1836342
#2	.1835855
#3	.1836338

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2764.453	67442.83	14048.68	1842.415	4323.577
Stddev	1.961	31.01	75.34	6.321	4.336
%RSD	.0709528	.0459849	.5362944	.3430706	.1002944
#1	2766.398	67457.68	13962.08	1837.558	4327.403
#2	2762.475	67463.63	14099.16	1849.562	4324.462
#3	2764.486	67407.18	14084.81	1840.126	4318.867

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: CCV05 Acquired: 4/14/2025 18:16:45 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV05 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.864772	4.914821	4.915565	4.905767	4.909998	9.697176	9.569751
Stddev	.003837	.015369	.006833	.004385	.004251	.024199	.064656
%RSD	.0788659	.3127050	.1390128	.0893759	.0865689	.2495520	.6756318
#1	4.860415	4.903093	4.907675	4.910822	4.905152	9.687563	9.581576
#2	4.866257	4.909149	4.919459	4.902983	4.913094	9.724705	9.499999
#3	4.867644	4.932219	4.919562	4.903497	4.911747	9.679260	9.627679

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2556805	2.465797	24.25488	.9858008	2.468968	1.239911	4.765951
Stddev	.0008721	.005201	.05104	.0029379	.006860	.003045	.026833
%RSD	.3410873	.2109272	.2104242	.2980173	.2778508	.2455577	.5630115
#1	.2566506	2.460345	24.19998	.9881681	2.462412	1.237524	4.780944
#2	.2549614	2.466343	24.30089	.9867215	2.468395	1.238869	4.781937
#3	.2554296	2.470704	24.26376	.9825129	2.476096	1.243340	4.734973

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.429754	24.24687	2.459210	1.231649	23.42835	2.435418	2.455876
Stddev	.006740	.03954	.005678	.002042	.13186	.006119	.003439
%RSD	.2773816	.1630539	.2308677	.1657566	.5628266	.2512674	.1400252
#1	2.435939	24.23305	2.455553	1.233198	23.44455	2.436394	2.456612
#2	2.430754	24.29145	2.456327	1.232413	23.55137	2.440990	2.452129
#3	2.422571	24.21609	2.465751	1.229335	23.28914	2.428869	2.458888

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.62174	5.112362	4.951649	4.937896	4.836136	4.730812	4.913697
Stddev	.16168	.013466	.010279	.009881	.012143	.020460	.010261
%RSD	.6844537	.2634023	.2075948	.2001115	.2510958	.4324933	.2088150
#1	23.65025	5.125435	4.950118	4.926644	4.841720	4.708896	4.903377
#2	23.76727	5.098535	4.942221	4.941884	4.844483	4.749413	4.923897
#3	23.44770	5.113116	4.962608	4.945161	4.822205	4.734127	4.913817

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: CCV05 Acquired: 4/14/2025 18:16:45 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV05 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.894461	4.849522	4.865926
Stddev	.007986	.007582	.024561
%RSD	.1631694	.1563417	.5047500
#1	4.885577	4.850316	4.837735
#2	4.901045	4.856676	4.882700
#3	4.896760	4.841575	4.877344

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2718.395	64869.60	12391.47	1761.521	4070.670
Stddev	5.459	240.21	23.05	5.305	6.306
%RSD	.2008065	.3702897	.1860291	.3011653	.1549159
#1	2717.025	65016.59	12417.88	1767.410	4075.497
#2	2724.408	64592.40	12375.38	1757.115	4072.978
#3	2713.752	64999.81	12381.14	1760.037	4063.535

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: CCB05 Acquired: 4/14/2025 18:20:57 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB05 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0016676	.0002459	-.001034	-.001155	.0003601	-.000769	.0002335
Stddev	.0009542	.0010016	.000698	.001014	.0020276	.003578	.0007033
%RSD	57.21939	407.2436	67.50875	87.82028	563.1388	465.0765	301.2506
#1	.0016428	-.000498	-.001835	-.002287	-.001838	.000276	-.000566
#2	.0026340	.001385	-.000552	-.000848	.000762	.002170	.000758
#3	.0007261	-.000149	-.000716	-.000329	.002157	-.004754	.000508

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000131	-.000028	-.007488	.0002037	.0000701	.0001546	.0006599
Stddev	.0000690	.000063	.005846	.0001525	.0000553	.0000982	.0014004
%RSD	528.1886	222.8569	78.07253	74.89518	78.79560	63.52014	212.2159
#1	-.000067	.000014	-.005829	.0002989	.0001297	.0000666	.0019191
#2	.000055	.000002	-.013985	.0002843	.0000601	.0002605	-.000848
#3	.000051	-.000101	-.002651	.0000277	.0000206	.0001366	.000909

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006038	-.002284	-.000104	-.000188	-.012036	.0011443	-.000151
Stddev	.0001172	.018638	.000503	.000109	.014670	.0023336	.000159
%RSD	19.40503	816.1631	484.5468	58.01910	121.8823	203.9361	105.2794
#1	.0006392	-.000182	-.000171	-.000095	-.011730	-.001478	-.000177
#2	.0006992	.015215	.000429	-.000308	-.026858	.002994	.000019
#3	.0004730	-.021883	-.000571	-.000161	.002478	.001917	-.000296

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.030449	.0045736	-.000128	-.000487	-.000563	.0161672	.0030858
Stddev	.012268	.0001191	.000171	.000607	.000529	.0079909	.0004215
%RSD	40.29014	2.603344	133.1906	124.6634	93.95149	49.42663	13.65768
#1	-.039732	.0044603	.000046	-.000334	-.000013	.0169730	.0028062
#2	-.035076	.0046977	-.000136	.000029	-.000608	.0237247	.0035706
#3	-.016541	.0045628	-.000295	-.001155	-.001067	.0078039	.0028807

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: CCB05 Acquired: 4/14/2025 18:20:57 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB05 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0010768	-.000974	-.000065
Stddev	.0012486	.000148	.000062
%RSD	115.9546	15.15998	96.57314
#1	.0018537	-.001061	.000004
#2	-.000363	-.001056	-.000080
#3	.001740	-.000803	-.000118

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2864.257	68281.01	13504.33	1881.861	4570.267
Stddev	4.670	107.37	56.02	4.232	7.494
%RSD	.1630296	.1572409	.4147976	.2248679	.1639745
#1	2866.735	68304.99	13488.40	1885.537	4576.134
#2	2858.870	68163.68	13458.00	1877.235	4561.825
#3	2867.164	68374.36	13566.58	1882.811	4572.842

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: PB167530BL Acquired: 4/14/2025 18:25:17 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006381	-.000252	.0020164	-.002154	-.000800	-.001627	.0005366
Stddev	.0018902	.001527	.0007542	.002202	.001199	.002672	.0010999
%RSD	296.1966	606.5297	37.40583	102.2094	149.9072	164.2126	204.9730
#1	.0006639	-.000201	.0012623	-.000022	-.001702	-.003720	.0018066
#2	-.001265	.001249	.0027708	-.004419	-.001258	-.002545	-.000089
#3	.002515	-.001804	.0020161	-.002020	.000560	.001383	-.000108

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000152	-.000066	-.005095	.0001037	-.000107	.0000994	-.001111
Stddev	.0000419	.000055	.006141	.0003620	.000114	.0003235	.001560
%RSD	274.8723	83.46603	120.5182	349.0636	106.8159	325.6234	140.3804
#1	-.000022	-.000128	.001980	.0003533	-.000228	.0004181	.000688
#2	.000008	-.000044	-.008232	-.000311	-.000001	-.000229	-.001945
#3	.000060	-.000025	-.009034	.000269	-.000091	.000109	-.002077

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003580	.0045169	-.000197	-.000640	-.026427	.0001291	-.000578
Stddev	.0001127	.0063190	.000061	.000277	.008834	.0006524	.000317
%RSD	31.49360	139.8960	30.65295	43.28101	33.42991	505.2174	54.89566
#1	.0004497	.0082092	-.000134	-.000348	-.033193	-.000436	-.000938
#2	.0003922	-.002779	-.000204	-.000898	-.016432	-.000020	-.000453
#3	.0002321	.008121	-.000254	-.000673	-.029655	.000843	-.000342

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.059374	.0009473	-.000200	-.000874	-.000520	.0026381	.0038376
Stddev	.012875	.0006354	.000178	.000553	.000430	.0057417	.0009404
%RSD	21.68436	67.07287	89.23097	63.31937	82.79102	217.6463	24.50517
#1	-.067369	.0016776	-.000018	-.000947	-.000991	-.002719	.0035103
#2	-.066232	.0006427	-.000374	-.001386	-.000146	.001934	.0031046
#3	-.044522	.0005216	-.000207	-.000287	-.000423	.008699	.0048980

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: PB167530BL Acquired: 4/14/2025 18:25:17 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.002852	-.001008	-.000076
Stddev	.003482	.000769	.000038
%RSD	122.0802	76.36000	50.31828
#1	.000615	-.001889	-.000035
#2	-.006348	-.000662	-.000111
#3	-.002822	-.000471	-.000081

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2894.700	69673.78	13643.23	1919.841	4643.475
Stddev	5.516	79.58	37.55	3.756	5.117
%RSD	.1905399	.1142158	.2752257	.1956541	.1102024
#1	2900.443	69763.17	13604.05	1915.507	4644.320
#2	2894.212	69647.51	13646.75	1922.144	4648.117
#3	2889.445	69610.65	13678.90	1921.874	4637.988

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: PB167530BS Acquired: 4/14/2025 18:29:36 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7530660	1.950345	.9459290	1.890373	.7824124	1.811730	.1829782
Stddev	.0042584	.011919	.0007729	.002483	.0024735	.007749	.0007642
%RSD	.5654771	.6111292	.0817035	.1313370	.3161417	.4277285	.4176226
#1	.7531403	1.939929	.9450366	1.889463	.7816184	1.816312	.1825218
#2	.7487709	1.947761	.9463801	1.888474	.7851854	1.802782	.1825524
#3	.7572868	1.963344	.9463703	1.893182	.7804334	1.816094	.1838604

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1952309	.1919163	.9537957	.3762129	.1865542	.2912398	2.701586
Stddev	.0016206	.0005305	.0029856	.0005114	.0005694	.0007675	.006194
%RSD	.8300978	.2763955	.3130235	.1359360	.3052463	.2635133	.2292905
#1	.1938642	.1913099	.9507922	.3757460	.1859019	.2904019	2.699083
#2	.1948071	.1922941	.9567631	.3767595	.1869520	.2914091	2.708641
#3	.1970212	.1921450	.9538318	.3761331	.1868087	.2919085	2.697035

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1902608	1.819968	.4658832	.0699022	2.460068	.2763463	.1885956
Stddev	.0008933	.014896	.0017328	.0003799	.010538	.0017423	.0005982
%RSD	.4695195	.8184822	.3719320	.5435118	.4283462	.6304694	.3171940
#1	.1894545	1.802856	.4638830	.0699477	2.469920	.2743430	.1892746
#2	.1912211	1.830031	.4668411	.0695016	2.448958	.2771880	.1883663
#3	.1901069	1.827017	.4669256	.0702574	2.461326	.2775080	.1881461

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.512258	.2859593	.3986263	.6743269	.1907969	.6190111	5.532053
Stddev	.057244	.0018393	.0002101	.0028716	.0003063	.0051838	.008521
%RSD	.6724887	.6432116	.0526973	.4258544	.1605658	.8374270	.1540381
#1	8.564621	.2846186	.3986913	.6710645	.1908349	.6184882	5.522966
#2	8.521011	.2852031	.3983914	.6764721	.1910824	.6244365	5.533326
#3	8.451141	.2880561	.3987962	.6754440	.1904733	.6141086	5.539866

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: PB167530BS Acquired: 4/14/2025 18:29:36 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.006586	.1958663	.1900099
Stddev	.002267	.0004677	.0000905
%RSD	34.42824	.2388068	.0476373
#1	-.008686	.1960784	.1900350
#2	-.006890	.1953301	.1899095
#3	-.004182	.1961905	.1900853

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2856.834	68995.69	12862.07	1907.495	4469.912
Stddev	4.203	49.28	87.46	2.137	2.040
%RSD	.1471042	.0714297	.6800091	.1120142	.0456345
#1	2852.102	68972.51	12946.59	1907.437	4470.578
#2	2860.131	69052.29	12867.68	1905.388	4471.536
#3	2858.268	68962.27	12771.93	1909.661	4467.623

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: PB167548BL Acquired: 4/14/2025 18:33:40 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0017288	-.001131	-.000575	-.002318	-.000823	-.000257	.0006457
Stddev	.0015436	.000792	.001146	.002473	.002608	.000773	.0004811
%RSD	89.28496	70.01460	199.3121	106.7276	316.8267	300.6796	74.50571
#1	.0032944	-.000304	-.001585	-.004184	.001824	-.000001	.0005594
#2	.0016839	-.001208	.000670	-.003257	-.000903	-.001126	.0011641
#3	.0002082	-.001882	-.000809	.000488	-.003391	.000355	.0002136

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000007	.0000292	-.009531	-.000009	.0000068	.0001369	-.004211
Stddev	.000018	.0001084	.001504	.000232	.0002907	.0003802	.003418
%RSD	236.5357	371.5121	15.77505	2686.653	4302.477	277.7275	81.17120
#1	.000011	.0000076	-.011008	-.000187	-.000194	-.000032	-.001351
#2	-.000009	-.000067	-.008003	-.000093	.000340	.000572	-.003286
#3	-.000024	.000147	-.009583	.000254	-.000126	-.000130	-.007997

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004013	.0195846	-.000113	-.000433	-.050901	.0010714	-.000469
Stddev	.0002582	.0167731	.000133	.000208	.016362	.0003820	.000258
%RSD	64.34548	85.64470	117.8208	48.00554	32.14475	35.65877	54.97691
#1	.0005481	.0010830	-.000044	-.000194	-.058432	.0015009	-.000483
#2	.0001031	.0337960	-.000029	-.000532	-.062142	.0007694	-.000205
#3	.0005527	.0238746	-.000266	-.000573	-.032130	.0009438	-.000720

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.019980	-.000199	-.000227	-.000705	-.000743	.0020738	.0041374
Stddev	.001982	.000933	.000016	.000512	.000214	.0055131	.0032271
%RSD	9.921556	469.8635	7.102804	72.66589	28.81749	265.8436	77.99732
#1	-.021457	-.001214	-.000212	-.000634	-.000966	.0061936	.0014345
#2	-.017727	-.000000	-.000225	-.000232	-.000539	-.004189	.0077103
#3	-.020756	.000619	-.000244	-.001248	-.000725	.004217	.0032674

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: PB167548BL Acquired: 4/14/2025 18:33:40 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0006031	-.001067	-.000101
Stddev	.0037225	.000476	.000036
%RSD	617.2382	44.63913	35.12478
#1	-.003691	-.001187	-.000060
#2	.002576	-.001472	-.000122
#3	.002923	-.000542	-.000121

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2864.992	68119.58	12756.44	1869.339	4590.360
Stddev	6.107	244.44	8.69	3.209	7.375
%RSD	.2131659	.3588331	.0681294	.1716858	.1606630
#1	2862.443	68396.76	12749.31	1867.741	4586.170
#2	2871.961	68027.14	12753.88	1873.034	4598.876
#3	2860.573	67934.85	12766.12	1867.244	4586.035

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: PB167548BS Acquired: 4/14/2025 18:38:00 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8014982	2.027321	.9895762	2.033606	.8445587	1.864350	.1841658
Stddev	.0031902	.016046	.0041367	.013321	.0068821	.003929	.0012993
%RSD	.3980295	.7915049	.4180320	.6550584	.8148725	.2107562	.7054961
#1	.8046253	2.010978	.9849553	2.021343	.8436150	1.868607	.1844744
#2	.8016210	2.027931	.9908385	2.031696	.8381971	1.860862	.1827401
#3	.7982484	2.043053	.9929347	2.047780	.8518639	1.863581	.1852831

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1901085	.2012008	.9688220	.3952078	.1943663	.3058459	2.940483
Stddev	.0012480	.0004590	.0069736	.0018112	.0005988	.0012284	.005109
%RSD	.6564587	.2281122	.7198031	.4582915	.3080512	.4016246	.1737319
#1	.1912600	.2006800	.9714315	.3968015	.1938727	.3050735	2.945361
#2	.1887824	.2013762	.9741145	.3932381	.1941938	.3052020	2.940917
#3	.1902829	.2015462	.9609199	.3955837	.1950323	.3072624	2.935171

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1900865	1.842888	.4872265	.0727050	2.637386	.2814951	.1970543
Stddev	.0005662	.020373	.0016919	.0003946	.011277	.0012190	.0003521
%RSD	.2978690	1.105490	.3472412	.5426671	.4275717	.4330460	.1786864
#1	.1905831	1.863046	.4856526	.0729017	2.635721	.2827934	.1967536
#2	.1894699	1.822307	.4870114	.0722508	2.649402	.2803751	.1969676
#3	.1902065	1.843313	.4890157	.0729627	2.627034	.2813168	.1974416

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.357218	.2761966	.4229905	.7210683	.1972244	.7059467	5.817852
Stddev	.040079	.0021973	.0024517	.0020002	.0006217	.0020679	.006277
%RSD	.4283221	.7955657	.5796188	.2774013	.3152407	.2929280	.1078876
#1	9.369909	.2783348	.4210149	.7190473	.1973956	.7061511	5.810635
#2	9.389414	.2739446	.4222224	.7211104	.1977426	.7079047	5.820887
#3	9.312329	.2763104	.4257344	.7230471	.1965350	.7037841	5.822035

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: PB167548BS Acquired: 4/14/2025 18:38:00 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.007511	.1991249	.1938878
Stddev	.002104	.0008900	.0004422
%RSD	28.00853	.4469736	.2280581
#1	-.009419	.1989908	.1941757
#2	-.007858	.1983095	.1941091
#3	-.005255	.2000744	.1933787

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2767.137	66953.67	13573.37	1830.337	4325.720
Stddev	5.816	133.27	87.39	6.109	8.262
%RSD	.2101937	.1990502	.6438550	.3337615	.1910029
#1	2768.644	66805.89	13492.59	1832.508	4332.848
#2	2772.052	66990.36	13666.14	1823.439	4327.649
#3	2760.716	67064.75	13561.37	1835.063	4316.665

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: PB167566BL Acquired: 4/14/2025 18:42:03 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0025666	-.000660	.0008417	-.001441	-.000298	-.000086	.0007453
Stddev	.0030430	.001202	.0011692	.000851	.000853	.001740	.0000673
%RSD	118.5619	182.0557	138.9101	59.05151	285.8987	2025.869	9.027408
#1	.0030474	-.001266	.0017466	-.002217	-.001251	-.000097	.0008023
#2	.0053407	-.001438	.0012571	-.000531	-.000038	-.001821	.0007626
#3	-.000688	.000724	-.000478	-.001574	.000394	.001660	.0006711

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000273	-.000053	-.003171	-.000237	-.000163	-.000030	-.003052
Stddev	.0000213	.000053	.005830	.000190	.000299	.000113	.003037
%RSD	78.18068	99.10347	183.8580	80.13017	183.5991	374.8532	99.52131
#1	.0000476	-.000019	.000629	-.000409	-.000394	.000069	-.001545
#2	.0000051	-.000114	-.000258	-.000269	-.000269	-.000007	-.006548
#3	.0000292	-.000027	-.009884	-.000033	.000175	-.000153	-.001063

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003995	.0060005	-.000342	-.000251	-.043017	.0003815	-.000293
Stddev	.0003192	.0037501	.000131	.000124	.015463	.0015342	.000168
%RSD	79.91043	62.49618	38.38859	49.26949	35.94616	402.0922	57.22623
#1	.0006451	.0103044	-.000231	-.000321	-.045527	-.001350	-.000451
#2	.0000386	.0034363	-.000309	-.000323	-.057071	.001571	-.000310
#3	.0005147	.0042607	-.000487	-.000108	-.026452	.000924	-.000117

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.042494	-.000524	-.000215	-.000721	-.000537	.0095572	.0025073
Stddev	.011028	.000616	.000368	.000622	.000614	.0049324	.0012292
%RSD	25.95274	117.4655	170.8792	86.24297	114.3019	51.60902	49.02383
#1	-.055228	-.001103	.000146	-.001433	-.000757	.0117322	.0029384
#2	-.036173	-.000593	-.000589	-.000278	.000156	.0039112	.0011207
#3	-.036081	.000123	-.000202	-.000453	-.001011	.0130283	.0034630

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: PB167566BL Acquired: 4/14/2025 18:42:03 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001048	-.000695	-.000110
Stddev	.000413	.000575	.000023
%RSD	39.39709	82.65391	20.99537
#1	-.000604	-.001159	-.000109
#2	-.001420	-.000053	-.000087
#3	-.001119	-.000873	-.000134

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2835.703	69182.40	13291.76	1879.064	4519.039
Stddev	5.366	37.21	75.79	1.552	4.030
%RSD	.1892251	.0537908	.5701871	.0826006	.0891827
#1	2830.149	69148.05	13211.33	1879.016	4515.984
#2	2836.102	69221.93	13361.83	1877.537	4517.526
#3	2840.858	69177.21	13302.13	1880.640	4523.607

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: PB167566BS Acquired: 4/14/2025 18:46:23 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7840658	2.022242	.9827029	1.977305	.8085271	1.882071	.1924269
Stddev	.0014570	.008724	.0019806	.004175	.0002881	.009656	.0011236
%RSD	.1858296	.4314091	.2015501	.2111686	.0356388	.5130288	.5838908
#1	.7824724	2.020993	.9806863	1.981697	.8086399	1.879163	.1912484
#2	.7853303	2.031523	.9827770	1.973386	.8081996	1.874204	.1925464
#3	.7843945	2.014209	.9846455	1.976834	.8087417	1.892846	.1934860

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1911110	.2000966	.9874138	.3942992	.1941891	.3033968	2.993974
Stddev	.0010922	.0002516	.0096326	.0003204	.0005233	.0005353	.013862
%RSD	.5714953	.1257185	.9755335	.0812443	.2694889	.1764365	.4629946
#1	.1919390	.2003534	.9772421	.3946666	.1936481	.3032654	2.989180
#2	.1915209	.1998507	.9963968	.3941522	.1946927	.3029394	2.983146
#3	.1898732	.2000857	.9886025	.3940787	.1942266	.3039855	3.009597

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1944232	1.877207	.4842068	.0729906	2.764219	.2895448	.1992832
Stddev	.0010698	.017266	.0004076	.0001868	.039073	.0007872	.0011236
%RSD	.5502349	.9197572	.0841696	.2559948	1.413522	.2718678	.5638424
#1	.1936569	1.883420	.4837388	.0729136	2.735078	.2901645	.1998993
#2	.1939673	1.890506	.4843985	.0728545	2.748959	.2886591	.1999639
#3	.1956454	1.857694	.4844832	.0732036	2.808618	.2898109	.1979862

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.518978	.2795571	.4111434	.6943064	.1955963	.6902303	5.734305
Stddev	.069448	.0033340	.0006125	.0032984	.0006881	.0150586	.003578
%RSD	.7295791	1.192606	.1489778	.4750597	.3518065	2.181684	.0623952
#1	9.447915	.2812528	.4114322	.6927648	.1948298	.6846347	5.730783
#2	9.522328	.2817024	.4104399	.6920611	.1957982	.6787705	5.737936
#3	9.586690	.2757161	.4115582	.6980933	.1961609	.7072857	5.734195

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: PB167566BS Acquired: 4/14/2025 18:46:23 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.004485	.2014430	.1990662
Stddev	.001952	.0029882	.0010520
%RSD	43.51386	1.483396	.5284905
#1	-.002931	.1980728	.1979028
#2	-.006676	.2024870	.1993449
#3	-.003848	.2037690	.1999508

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2838.655	67859.22	13695.35	1877.083	4439.742
Stddev	5.860	109.71	66.97	2.466	8.055
%RSD	.2064269	.1616776	.4889680	.1313755	.1814281
#1	2837.721	67958.07	13649.77	1875.685	4446.091
#2	2844.925	67878.42	13664.05	1875.633	4442.454
#3	2833.318	67741.17	13772.23	1879.930	4430.681

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: PB167500BL Acquired: 4/14/2025 18:50:26 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0014596	-.001679	.0001360	-.000374	.0022611	.0044255	.0016657
Stddev	.0007311	.001742	.0011853	.001183	.0011907	.0021388	.0007389
%RSD	50.08863	103.7357	871.4525	316.0893	52.65952	48.32825	44.36005
#1	.0023038	-.003611	.0014502	.000616	.0013628	.0061968	.0008448
#2	.0010281	-.000229	-.000852	-.000054	.0018089	.0050302	.0022776
#3	.0010470	-.001197	-.000190	-.001684	.0036116	.0020495	.0018747

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000041	-.000025	-.001746	-.000018	.0000598	.0002414	-.001399
Stddev	.000017	.000042	.007271	.000065	.0002465	.0000464	.002448
%RSD	42.39218	168.6822	416.5341	357.1674	412.6380	19.20081	174.9571
#1	-.000049	-.000056	.003885	.000034	.0000366	.0001933	-.001811
#2	-.000052	.000023	-.009954	-.000090	-.000174	.0002451	.001229
#3	-.000021	-.000041	.000833	.000002	.000317	.0002858	-.003614

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003796	.0154708	-.000135	-.000573	-.042966	.0013480	-.000283
Stddev	.0001193	.0111416	.000151	.000263	.015787	.0005511	.000151
%RSD	31.41745	72.01694	111.1809	45.92974	36.74421	40.88413	53.23926
#1	.0004861	.0072127	.000038	-.000699	-.060505	.0019811	-.000452
#2	.0004021	.0281432	-.000230	-.000270	-.038501	.0009753	-.000237
#3	.0002507	.0110566	-.000215	-.000749	-.029891	.0010877	-.000161

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.033990	-.001362	-.000421	-.000851	-.000337	.0092224	.0015613
Stddev	.027136	.000441	.000298	.001054	.000465	.0042848	.0019005
%RSD	79.83714	32.33843	70.67537	123.7638	137.8760	46.46140	121.7225
#1	-.039621	-.001002	-.000186	-.000473	.000111	.0082149	.0002810
#2	-.004480	-.001231	-.000756	-.002042	-.000306	.0055311	.0037450
#3	-.057869	-.001854	-.000322	-.000039	-.000817	.0139212	.0006580

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: PB167500BL Acquired: 4/14/2025 18:50:26 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0010160	-.001118	-.000093
Stddev	.0017145	.001202	.000052
%RSD	168.7502	107.4814	55.44535
#1	.0022414	-.000246	-.000063
#2	.0017500	-.002488	-.000064
#3	-.000943	-.000620	-.000153

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2829.484	68824.13	12858.10	1906.405	4464.923
Stddev	5.857	156.59	73.72	7.265	15.571
%RSD	.2069890	.2275291	.5733110	.3810919	.3487325
#1	2834.900	68668.01	12808.36	1912.759	4468.123
#2	2830.282	68823.16	12823.15	1898.485	4478.645
#3	2823.269	68981.20	12942.79	1907.972	4448.001

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: PB167500BS Acquired: 4/14/2025 18:54:46 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7851373	2.021904	.9823079	1.981558	.8087941	1.855676	.1874936
Stddev	.0006551	.012800	.0048251	.013152	.0053587	.001240	.0002936
%RSD	.0834405	.6330774	.4912026	.6637276	.6625564	.0668298	.1565972
#1	.7847614	2.019676	.9805939	1.967001	.8082958	1.856914	.1877180
#2	.7847567	2.010364	.9785739	1.985088	.8037019	1.855680	.1871613
#3	.7858937	2.035672	.9877561	1.992585	.8143845	1.854434	.1876014

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1994525	.2000750	.9779706	.3866620	.1935100	.3019970	2.784522
Stddev	.0013381	.0008462	.0105644	.0011098	.0007534	.0010196	.021922
%RSD	.6709033	.4229247	1.080237	.2870324	.3893137	.3376265	.7872814
#1	.2009115	.1994298	.9887175	.3854031	.1929476	.3013216	2.760544
#2	.1991635	.1997621	.9775957	.3870838	.1932165	.3014995	2.803537
#3	.1982825	.2010330	.9675987	.3874992	.1943659	.3031699	2.789485

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1948427	1.868785	.4835977	.0707209	2.500607	.2845951	.1930884
Stddev	.0005385	.032597	.0018388	.0007912	.035365	.0006980	.0010044
%RSD	.2763945	1.744296	.3802316	1.118815	1.414269	.2452745	.5201495
#1	.1951182	1.899145	.4818416	.0709315	2.460008	.2840675	.1922448
#2	.1951877	1.834336	.4834420	.0713854	2.517095	.2843312	.1928210
#3	.1942222	1.872875	.4855093	.0698456	2.524718	.2853867	.1941994

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.738662	.2888749	.4084444	.7006690	.1936271	.6361710	5.864244
Stddev	.047173	.0033806	.0013626	.0032980	.0010790	.0114494	.028008
%RSD	.5398219	1.170269	.3335972	.4706888	.5572341	1.799738	.4776023
#1	8.689177	.2927396	.4073034	.6986809	.1948378	.6257365	5.852809
#2	8.783121	.2874181	.4080768	.6988502	.1927671	.6343576	5.843763
#3	8.743688	.2864668	.4099531	.7044759	.1932764	.6484189	5.896160

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: PB167500BS Acquired: 4/14/2025 18:54:46 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.009122	.1985467	.1944742
Stddev	.001332	.0022036	.0005191
%RSD	14.59763	1.109843	.2669027
#1	-.007664	.1986455	.1948790
#2	-.010274	.2006991	.1946547
#3	-.009429	.1962954	.1938891

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2821.940	69171.22	12970.84	1914.328	4384.001
Stddev	4.666	173.67	79.01	5.670	9.853
%RSD	.1653634	.2510681	.6091207	.2961845	.2247418
#1	2822.537	69340.97	12895.74	1920.842	4386.820
#2	2826.279	69178.81	12963.54	1910.501	4392.137
#3	2817.003	68993.88	13053.24	1911.641	4373.046

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1768-01DLX5 Acquired: 4/14/2025 18:58:49 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0160036	-.003163	1.438271	-.002781	.0175304	29.06432	.2590533
Stddev	.0013172	.001550	.001907	.003737	.0019455	.04400	.0014500
%RSD	8.230566	48.99959	.1325592	134.3600	11.09787	.1513920	.5597140
#1	.0145352	-.004499	1.437332	-.003693	.0196106	29.08420	.2573942
#2	.0170811	-.003524	1.437015	-.005978	.0157558	29.01388	.2600777
#3	.0163945	-.001464	1.440464	.001327	.0172246	29.09487	.2596879

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0016342	.0014055	24.84217	.1604423	.0204197	1.105517	53.11160
Stddev	.0000498	.0000408	.07088	.0005862	.0001855	.002458	.26793
%RSD	3.047589	2.899153	.2853242	.3653620	.9083109	.2223801	.5044747
#1	.0016401	.0014525	24.76048	.1610888	.0202862	1.106166	53.19691
#2	.0016808	.0013803	24.88737	.1602925	.0206315	1.102800	53.32650
#3	.0015817	.0013837	24.87866	.1599455	.0203414	1.107586	52.81140

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7343019	12.69258	.0864558	.0292048	1.283140	.1066464	17.87407
Stddev	.0015421	.06267	.0005024	.0002146	.011961	.0012963	.04453
%RSD	.2100125	.4937501	.5811518	.7346820	.9321498	1.215542	.2491278
#1	.7330000	12.64443	.0860199	.0292223	1.285593	.1081365	17.85448
#2	.7360050	12.66986	.0863421	.0294101	1.293685	.1057785	17.92503
#3	.7339009	12.76344	.0870053	.0289820	1.270143	.1060241	17.84269

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.030823	.0438747	.0061478	.2115560	1.815929	1.604669	2.213690
Stddev	.018067	.0014067	.0000951	.0012796	.004045	.007952	.008351
%RSD	.8896614	3.206106	1.546745	.6048678	.2227250	.4955616	.3772619
#1	2.023874	.0451445	.0060479	.2128473	1.813763	1.605371	2.219999
#2	2.051334	.0441171	.0061581	.2115324	1.820595	1.612248	2.216853
#3	2.017262	.0423626	.0062373	.2102883	1.813428	1.596390	2.204219

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1768-01DLX5 Acquired: 4/14/2025 18:58:49 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.051252	.0341313	.0956536
Stddev	.015460	.0003196	.0001651
%RSD	.3816166	.9364607	.1725568
#1	4.045416	.0344394	.0954943
#2	4.039559	.0341532	.0958239
#3	4.068780	.0338013	.0956426

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2799.422	67870.95	14255.46	1848.297	4234.524
Stddev	2.330	198.09	36.93	3.140	.938
%RSD	.0832207	.2918688	.2590645	.1699036	.0221581
#1	2801.787	67678.19	14261.39	1848.988	4233.456
#2	2799.348	67860.68	14289.07	1851.034	4235.214
#3	2797.130	68073.98	14215.92	1844.869	4234.904

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1730-01 Acquired: 4/14/2025 19:02:57 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0607600	-.041539	.0531535	.0009574	-.010790	160.8614
Stddev	.0033426	.001990	.0029305	.0024507	.004356	.0529
%RSD	5.501393	4.791764	5.513314	255.9665	40.36798	.0328610
#1	.0582974	-.040425	.0505830	.0004034	-.007280	160.8540
#2	.0594174	-.043837	.0563446	.0036377	-.015664	160.8126
#3	.0645652	-.040356	.0525330	-.001169	-.009426	160.9176

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0958520	.0060909	.0077170	123.9354	.0484767	.3032662
Stddev	.0005721	.0000083	.0007359	.2879	.0005493	.0005770
%RSD	.5968495	.1361347	9.535547	.2323315	1.133214	.1902783
#1	.0963434	.0060902	.0072069	123.9282	.0488680	.3029211
#2	.0952240	.0060995	.0073835	123.6512	.0487135	.3029453
#3	.0959886	.0060829	.0085605	124.2269	.0478487	.3039324

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8702669	386.7843	2.548810	95.08767	.2242968	-.017298
Stddev	.0032095	1.8042	.006046	.34802	.0007093	.000095
%RSD	.3688000	.4664513	.2372104	.3659960	.3162182	.5510643
#1	.8692733	387.8773	2.553379	95.28145	.2236507	-.017408
#2	.8676717	387.7738	2.541954	94.68590	.2241839	-.017243
#3	.8738558	384.7019	2.551097	95.29566	.2250557	-.017244

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	28.48095	1.349783	.4687583	2.357907	-.051845	.0047013
Stddev	.21789	.001542	.0021993	.023064	.014357	.0003598
%RSD	.7650204	.1142041	.4691687	.9781368	27.69227	7.653983
#1	28.44195	1.350911	.4673747	2.349376	-.040997	.0051168
#2	28.71570	1.348027	.4676059	2.384021	-.046412	.0044945
#3	28.28519	1.350412	.4712943	2.340325	-.068125	.0044926

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1730-01 Acquired: 4/14/2025 19:02:57 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.018439	10.72988	5.852805	10.49002	F 24.11539	.2505761
Stddev	.001299	.00688	.026195	.03866	.13061	.0011651
%RSD	7.046365	.0641448	.4475630	.3685301	.5416134	.4649840
#1	-.018425	10.72978	5.866306	10.45630	24.01637	.2506846
#2	-.017146	10.72304	5.869495	10.48154	24.06637	.2516831
#3	-.019745	10.73681	5.822614	10.53221	24.26342	.2493604

Elem	Sr4077
Units	ppm
Avg	.3434987
Stddev	.0001060
%RSD	.0308545
#1	.3434618
#2	.3434162
#3	.3436182

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3114.603	75462.21	15618.27	2041.120	3684.372
Stddev	8.358	287.76	42.77	11.314	8.420
%RSD	.2683563	.3813342	.2738522	.5542931	.2285211
#1	3108.688	75427.10	15638.86	2054.159	3684.647
#2	3124.165	75193.62	15646.85	2035.295	3692.651
#3	3110.957	75765.92	15569.10	2033.905	3675.819

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: CCV06 Acquired: 4/14/2025 19:07:02 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV06 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.781009	4.874640	4.872736	4.816666	4.841706	9.634277
Stddev	.007147	.027064	.009996	.005796	.006205	.017384
%RSD	.1494899	.5552093	.2051453	.1203260	.1281567	.1804403
#1	4.774212	4.876479	4.864867	4.822766	4.836229	9.649887
#2	4.780354	4.900738	4.869358	4.811233	4.840444	9.637403
#3	4.788461	4.846703	4.883984	4.815998	4.848445	9.615542

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.739365	.2518866	2.456291	24.24888	.9566589	2.464227
Stddev	.045760	.0011632	.003908	.03411	.0024574	.002921
%RSD	.4698428	.4617862	.1591175	.1406719	.2568745	.1185164
#1	9.708562	.2507376	2.452184	24.25043	.9540712	2.462192
#2	9.791946	.2518588	2.456724	24.28218	.9569444	2.462915
#3	9.717587	.2530635	2.459965	24.21401	.9589611	2.467573

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.226113	4.558559	2.437671	23.97896	2.445523	1.187535
Stddev	.002711	.039685	.012516	.05790	.003332	.000771
%RSD	.2211316	.8705711	.5134559	.2414519	.1362464	.0649316
#1	1.226117	4.590508	2.440139	23.91610	2.442222	1.186653
#2	1.223400	4.571034	2.448769	24.03010	2.445462	1.188080
#3	1.228823	4.514135	2.424104	23.99067	2.448885	1.187872

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.23765	2.427793	2.354704	24.29932	5.090388	4.888587
Stddev	.15866	.012560	.007701	.13123	.021243	.002341
%RSD	.6545895	.5173577	.3270383	.5400510	.4173069	.0478948
#1	24.37000	2.440324	2.353628	24.40586	5.065922	4.888036
#2	24.28117	2.427850	2.362886	24.33937	5.104139	4.886570
#3	24.06177	2.415204	2.347598	24.15273	5.101104	4.891155

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: CCV06 Acquired: 4/14/2025 19:07:02 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV06 Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.911512	4.826003	F 4.454571	4.947218	4.882133	4.839908
Stddev	.008625	.013021	.014270	.006776	.004496	.020906
%RSD	.1755994	.2698039	.3203472	.1369601	.0920953	.4319542
#1	4.901648	4.835655	4.438094	4.949524	4.878111	4.862325
#2	4.917634	4.831162	4.462675	4.952540	4.886987	4.836458
#3	4.915254	4.811194	4.462944	4.939590	4.881300	4.820942

Elem	Sr4077
Units	ppm
Avg	4.937864
Stddev	.065304
%RSD	1.322510
#1	4.931927
#2	4.875732
#3	5.005934

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2759.669	68573.98	12484.43	1855.296	4093.486
Stddev	4.102	150.24	55.11	4.723	1.835
%RSD	.1486485	.2190911	.4414037	.2545520	.0448349
#1	2755.498	68740.19	12547.57	1854.927	4093.910
#2	2763.699	68447.82	12459.66	1850.769	4095.073
#3	2759.809	68533.94	12446.06	1860.193	4091.476

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: CCB06 Acquired: 4/14/2025 19:11:12 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB06 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0025893	.0007629	.0004223	-.000961	-.000829	-.003381	.0015529
Stddev	.0039253	.0016702	.0008579	.003570	.002686	.003645	.0004742
%RSD	151.5952	218.9268	203.1261	371.6895	324.1960	107.8103	30.53558
#1	-.001142	.0026643	.0013200	-.001792	.002161	-.004101	.0016573
#2	.006683	.0000912	.0003363	.002952	-.003040	-.006611	.0019663
#3	.002227	-.000467	-.000389	-.004042	-.001607	.000571	.0010352

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000021	-.000045	-.011557	.0001379	.0000816	-.000207	.0006353
Stddev	.000053	.000024	.003828	.0004486	.0001057	.000151	.0016205
%RSD	250.5631	53.01679	33.12493	325.2989	129.6517	72.79402	255.0668
#1	-.000082	-.000052	-.007200	-.000286	-.000040	-.000373	.0012853
#2	.000011	-.000064	-.014385	.000091	.000154	-.000078	.0018299
#3	.000008	-.000018	-.013085	.000608	.000130	-.000171	-.001209

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003218	.0074148	-.000014	-.000758	-.050292	.0009499	-.000497
Stddev	.0002816	.0055039	.000111	.000257	.010269	.0019501	.000118
%RSD	87.50759	74.22760	777.8972	33.93850	20.41981	205.3014	23.82157
#1	.0001907	.0046438	-.000069	-.001017	-.057833	.0000657	-.000623
#2	.0001297	.0038472	.000113	-.000755	-.054446	-.000402	-.000389
#3	.0006451	.0137535	-.000087	-.000502	-.038596	.003185	-.000478

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.062589	.0048548	-.000017	-.000477	-.000449	.0087799	.0040357
Stddev	.018684	.0002806	.000236	.000844	.000115	.0046716	.0013441
%RSD	29.85106	5.779991	1357.794	176.7482	25.48267	53.20737	33.30495
#1	-.071877	.0051490	.000233	-.000496	-.000580	.0052215	.0033398
#2	-.074809	.0048255	-.000050	-.001312	-.000400	.0070482	.0031823
#3	-.041082	.0045900	-.000236	.000376	-.000367	.0140701	.0055850

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: CCB06 Acquired: 4/14/2025 19:11:12 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB06 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0021154	-.000953	-.000057
Stddev	.0015155	.000678	.000027
%RSD	71.64115	71.09289	47.68735
#1	.0023650	-.000201	-.000064
#2	.0004906	-.001516	-.000079
#3	.0034906	-.001144	-.000027

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2862.887	68809.90	13891.26	1919.181	4548.564
Stddev	2.097	233.66	39.36	5.489	3.733
%RSD	.0732602	.3395712	.2833366	.2860019	.0820709
#1	2860.901	68583.10	13873.00	1912.918	4544.381
#2	2862.679	69049.87	13936.43	1923.154	4549.756
#3	2865.080	68796.73	13864.35	1921.471	4551.556

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1730-03 Acquired: 4/14/2025 19:15:33 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0322289	-.029928	.0479942	-.003912	-.012573	139.9590	.1260594
Stddev	.0009830	.001081	.0005930	.002473	.002244	.1919	.0007994
%RSD	3.049914	3.610544	1.235566	63.21752	17.84933	.1370908	.6341308
#1	.0316955	-.030437	.0475682	-.006522	-.014355	140.0261	.1263925
#2	.0316279	-.030659	.0477431	-.003611	-.013312	139.7426	.1266383
#3	.0333632	-.028687	.0486715	-.001603	-.010053	140.1083	.1251473

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0059692	.0043495	119.3991	.0462131	.2912791	.7680775	376.9264
Stddev	.0001858	.0001468	.2249	.0007998	.0010750	.0026050	1.0749
%RSD	3.112679	3.376268	.1883962	1.730767	.3690435	.3391577	.2851679
#1	.0061321	.0041897	119.1632	.0461727	.2909420	.7656188	375.8709
#2	.0060088	.0043802	119.6111	.0454343	.2904132	.7678061	376.8888
#3	.0057668	.0044785	119.4231	.0470324	.2924823	.7708075	378.0196

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.047616	95.77868	.2077761	-.016668	24.19938	1.306992	.4415113
Stddev	.008746	.19031	.0009808	.000315	.01528	.002236	.0001132
%RSD	.2869703	.1987015	.4720641	1.890723	.0631345	.1710694	.0256269
#1	3.040297	95.55962	.2084405	-.017011	24.18220	1.309261	.4415004
#2	3.057301	95.87308	.2066496	-.016603	24.20448	1.306924	.4416295
#3	3.045248	95.90335	.2082383	-.016391	24.21145	1.304791	.4414040

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.065967	.1758544	.0042011	-.015926	9.592979	5.359541	9.480283
Stddev	.009239	.0023463	.0003913	.001533	.006922	.028055	.027236
%RSD	.4472194	1.334234	9.313526	9.622755	.0721619	.5234557	.2872923
#1	2.055388	.1737043	.0039298	-.015910	9.596002	5.345311	9.464436
#2	2.070061	.1755020	.0046496	-.014402	9.597875	5.341453	9.464681
#3	2.072452	.1783570	.0040238	-.017467	9.585059	5.391859	9.511732

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1730-03 Acquired: 4/14/2025 19:15:33 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	6.958562	.2432392	.3140265
Stddev	.011082	.0008523	.0004915
%RSD	.1592627	.3504104	.1565004
#1	6.960571	.2429831	.3141598
#2	6.946613	.2441902	.3144375
#3	6.968503	.2425442	.3134821

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3090.328	75995.32	15682.39	2066.466	3732.464
Stddev	12.575	149.00	27.46	3.110	17.967
%RSD	.4069081	.1960589	.1751266	.1504978	.4813809
#1	3101.840	76073.08	15689.32	2067.688	3747.933
#2	3092.236	76089.35	15652.12	2068.780	3736.704
#3	3076.908	75823.53	15705.72	2062.930	3712.756

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1730-05 Acquired: 4/14/2025 19:19:37 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0309279	-.041596	.0602354	-.005751	-.011464	152.6278	.1088156
Stddev	.0025134	.004642	.0023792	.002876	.003200	.1690	.0002893
%RSD	8.126490	11.16033	3.949761	50.01571	27.91066	.1107566	.2658942
#1	.0318463	-.045617	.0628452	-.005363	-.009538	152.6488	.1085611
#2	.0280845	-.036516	.0581875	-.008802	-.015157	152.7854	.1091303
#3	.0328529	-.042657	.0596735	-.003089	-.009696	152.4493	.1087553

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0066639	.0112192	124.2671	.0470354	.3130956	.8637401	397.8504
Stddev	.0000483	.0005239	.1656	.0001599	.0008604	.0026570	1.5540
%RSD	.7253574	4.669545	.1332954	.3400187	.2747943	.3076178	.3905967
#1	.0066506	.0106149	124.3485	.0468593	.3133361	.8619024	399.2252
#2	.0067175	.0115442	124.3762	.0470753	.3121406	.8625314	396.1643
#3	.0066236	.0114985	124.0765	.0471717	.3138102	.8667866	398.1616

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.861384	95.99570	.2087322	-.020064	26.51011	1.376252	.5566725
Stddev	.005355	.24069	.0008598	.000344	.04323	.002294	.0023660
%RSD	.1871520	.2507322	.4119036	1.716488	.1630586	.1667016	.4250207
#1	2.866625	96.04704	.2077683	-.019778	26.53603	1.375369	.5591721
#2	2.861606	96.20659	.2090083	-.020446	26.53410	1.378856	.5563774
#3	2.855922	95.73348	.2094200	-.019968	26.46021	1.374530	.5544679

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.173377	-.179210	.0045115	-.020942	11.31454	6.138182	10.52504
Stddev	.020578	.002615	.0002265	.000666	.02640	.016523	.03009
%RSD	.9468084	1.459366	5.019469	3.178668	.2333299	.2691879	.2858795
#1	2.149844	-.178723	.0043382	-.020173	11.33951	6.152393	10.50332
#2	2.182299	-.182034	.0047677	-.021329	11.31720	6.142102	10.51243
#3	2.187987	-.176872	.0044286	-.021324	11.28691	6.120051	10.55939

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1730-05 Acquired: 4/14/2025 19:19:37 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	12.04767	.2631205	.3301999
Stddev	.04587	.0013398	.0005473
%RSD	.3807038	.5092002	.1657451
#1	12.02235	.2633775	.3306817
#2	12.02004	.2616708	.3303131
#3	12.10061	.2643132	.3296049

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3135.825	76716.21	15610.97	2062.292	3682.370
Stddev	7.967	84.88	22.62	.617	5.801
%RSD	.2540565	.1106428	.1448708	.0299169	.1575417
#1	3143.680	76692.70	15586.31	2062.875	3688.575
#2	3136.043	76645.57	15615.83	2061.646	3681.454
#3	3127.751	76810.38	15630.75	2062.355	3677.082

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1730-07 Acquired: 4/14/2025 19:23:44 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0305022	-.013057	.0550524	-.002875	-.017006	137.1885	.2127084
Stddev	.0003597	.004216	.0011865	.005275	.001499	.2009	.0012462
%RSD	1.179318	32.28971	2.155233	183.4887	8.812858	.1464552	.5858531
#1	.0305993	-.013325	.0563515	-.004767	-.015410	137.0359	.2115495
#2	.0308033	-.008713	.0547798	.003085	-.017226	137.4161	.2140265
#3	.0301038	-.017132	.0540259	-.006943	-.018383	137.1134	.2125492

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0070318	.0089456	127.7683	.0259965	.3036942	.6546046	471.8101
Stddev	.0001533	.0002978	.2559	.0005978	.0005270	.0031071	1.1319
%RSD	2.180184	3.329262	.2002942	2.299417	.1735439	.4746553	.2399088
#1	.0069362	.0088815	127.7412	.0265830	.3034400	.6518848	472.4818
#2	.0072086	.0086850	128.0367	.0260182	.3033424	.6539382	472.4453
#3	.0069506	.0092702	127.5271	.0253881	.3043001	.6579909	470.5033

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.465301	117.3385	.1701830	-.020219	24.47492	1.172307	.4928984
Stddev	.011021	.4856	.0005091	.000058	.34513	.001816	.0009792
%RSD	.3180450	.4138684	.2991663	.2876106	1.410126	.1549401	.1986584
#1	3.457062	117.7537	.1697865	-.020218	24.07653	1.173234	.4928602
#2	3.477821	117.4574	.1700054	-.020277	24.68305	1.173473	.4938961
#3	3.461022	116.8045	.1707572	-.020161	24.66517	1.170214	.4919389

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.777309	1.080916	.0008106	-.010465	7.247486	6.033932	8.664563
Stddev	.016831	.006010	.0002007	.000659	.021632	.043328	.012126
%RSD	.9469810	.5560146	24.75907	6.297942	.2984790	.7180691	.1399467
#1	1.760577	1.087162	.0008117	-.009844	7.225438	5.984620	8.678532
#2	1.794237	1.075173	.0010108	-.010394	7.268677	6.051270	8.656746
#3	1.777115	1.080412	.0006094	-.011157	7.248343	6.065905	8.658413

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1730-07 Acquired: 4/14/2025 19:23:44 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.576221	.2879270	.3395290
Stddev	.025582	.0013598	.0015063
%RSD	.5590171	.4722717	.4436448
#1	4.574724	.2873233	.3377903
#2	4.551420	.2894842	.3403591
#3	4.602518	.2869736	.3404377

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3037.004	76601.37	16298.20	2032.973	3627.942
Stddev	2.813	283.35	88.03	5.569	6.188
%RSD	.0926333	.3699022	.5401239	.2739459	.1705601
#1	3039.814	76790.63	16228.30	2031.147	3630.568
#2	3034.188	76275.60	16269.24	2028.545	3632.384
#3	3037.011	76737.86	16397.06	2039.226	3620.874

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1730-09 Acquired: 4/14/2025 19:27:57 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0480413	-.020500	.0541350	.0024564	-.016241	146.9027	.1907222
Stddev	.0008177	.006615	.0023706	.0013463	.001734	.1720	.0002375
%RSD	1.702063	32.26933	4.379011	54.80805	10.67540	.1170636	.1245165
#1	.0471670	-.013089	.0535725	.0017526	-.016167	147.0219	.1909255
#2	.0481698	-.022601	.0567363	.0040087	-.014545	146.7056	.1904612
#3	.0487872	-.025809	.0520964	.0016079	-.018011	146.9807	.1907799

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0069791	.0043334	149.8670	.0293539	.3055957	.6995776	478.7953
Stddev	.0001102	.0008067	.1529	.0003702	.0003358	.0017967	3.0824
%RSD	1.578832	18.61524	.1020303	1.260997	.1098859	.2568327	.6437731
#1	.0069965	.0035429	149.6915	.0289382	.3056014	.6976038	482.1573
#2	.0068613	.0043019	149.9375	.0296477	.3052571	.7000107	478.1262
#3	.0070796	.0051553	149.9719	.0294759	.3059287	.7011181	476.1025

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.501450	117.0859	.1805249	-.019681	30.15718	1.273400	.4994479
Stddev	.001647	.0473	.0007161	.000509	.08164	.002295	.0008003
%RSD	.0470376	.0404370	.3966744	2.584707	.2707073	.1802341	.1602362
#1	3.500943	117.0896	.1797014	-.019205	30.07030	1.273647	.4992613
#2	3.503291	117.0368	.1808726	-.019621	30.16893	1.270991	.5003250
#3	3.500117	117.1312	.1810008	-.020217	30.23230	1.275561	.4987574

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.065247	1.989985	.0017757	-.011092	8.303004	6.121004	9.141822
Stddev	.028609	.009971	.0004502	.001748	.006193	.018548	.026794
%RSD	1.385246	.5010622	25.35564	15.75793	.0745902	.3030289	.2930887
#1	2.084578	1.999097	.0013223	-.009375	8.296632	6.140500	9.110907
#2	2.032382	1.991523	.0022227	-.011032	8.303377	6.103577	9.156226
#3	2.078780	1.979334	.0017820	-.012870	8.309002	6.118936	9.158332

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1730-09 Acquired: 4/14/2025 19:27:57 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	14.49495	.2788409	.3985865
Stddev	.03237	.0014693	.0006008
%RSD	.2233443	.5269283	.1507297
#1	14.46714	.2804186	.3981585
#2	14.48724	.2785922	.3983278
#3	14.53049	.2775118	.3992734

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3003.332	74265.31	16108.57	2020.911	3600.492
Stddev	8.395	91.52	14.22	6.502	6.715
%RSD	.2795210	.1232307	.0882788	.3217578	.1864933
#1	2994.003	74369.65	16123.52	2027.445	3597.043
#2	3010.276	74227.62	16095.21	2014.440	3608.230
#3	3005.718	74198.65	16106.99	2020.848	3596.203

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1730-11 Acquired: 4/14/2025 19:32:10 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0390712	-.019692	.0529350	-.001692	-.015742	160.0218	.1621267
Stddev	.0021483	.002341	.0025133	.000938	.003693	.1684	.0010623
%RSD	5.498469	11.88707	4.747876	55.44437	23.45716	.1052652	.6552287
#1	.0392544	-.021187	.0503732	-.000610	-.011512	160.1566	.1619066
#2	.0411221	-.016994	.0553968	-.002283	-.017391	159.8329	.1632818
#3	.0368372	-.020894	.0530349	-.002181	-.018323	160.0758	.1611916

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0074899	.0073598	164.4207	.0351085	.3090582	.7033986	475.0515
Stddev	.0001059	.0001178	.5930	.0001304	.0004341	.0006910	1.2292
%RSD	1.413984	1.600405	.3606723	.3714733	.1404592	.0982318	.2587471
#1	.0074015	.0072257	163.7688	.0352463	.3091235	.7032550	475.6729
#2	.0074610	.0074463	164.9282	.0350920	.3094560	.7027908	475.8460
#3	.0076073	.0074075	164.5650	.0349871	.3085952	.7041501	473.6357

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.339569	130.6497	.1989175	-.022181	32.60122	1.267055	.4942253
Stddev	.015840	.3528	.0004899	.000248	.27126	.002015	.0013862
%RSD	.4743072	.2700085	.2462857	1.117678	.8320496	.1590032	.2804709
#1	3.329497	130.2488	.1994294	-.022159	32.79819	1.268006	.4956973
#2	3.357827	130.9126	.1984530	-.022439	32.71365	1.264741	.4940337
#3	3.331384	130.7877	.1988702	-.021944	32.29183	1.268419	.4929449

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.508546	1.568529	.0023852	-.014169	8.655052	5.170261	8.910456
Stddev	.030314	.005086	.0006434	.001699	.013396	.028201	.003395
%RSD	1.208426	.3242401	26.97551	11.99377	.1547750	.5454530	.0380980
#1	2.543153	1.565551	.0027820	-.015855	8.651963	5.202176	8.912280
#2	2.495786	1.574402	.0027308	-.014195	8.669722	5.148700	8.912548
#3	2.486698	1.565635	.0016429	-.012457	8.643470	5.159907	8.906539

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1730-11 Acquired: 4/14/2025 19:32:10 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	8.086553	.2940735	.4068820
Stddev	.025898	.0003427	.0010321
%RSD	.3202628	.1165303	.2536692
#1	8.114503	.2937859	.4072707
#2	8.081788	.2944527	.4076634
#3	8.063368	.2939820	.4057120

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3004.273	74199.02	15718.16	2030.707	3599.093
Stddev	3.359	184.69	52.30	16.249	4.523
%RSD	.1117951	.2489107	.3327163	.8001887	.1256700
#1	3006.611	74020.15	15778.49	2013.523	3596.633
#2	3000.424	74187.88	15690.28	2045.823	3596.333
#3	3005.784	74389.02	15685.71	2032.776	3604.313

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1730-13 Acquired: 4/14/2025 19:36:23 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0333237	-.012598	.0467438	.0016711	-.020614	137.1254	.1584017
Stddev	.0032910	.003321	.0010102	.0031975	.001449	.0443	.0006132
%RSD	9.875839	26.35783	2.161190	191.3332	7.028383	.0323066	.3870939
#1	.0310047	-.013814	.0465301	.0007785	-.022221	137.0742	.1585207
#2	.0370903	-.008841	.0478438	.0052201	-.020214	137.1504	.1589467
#3	.0318760	-.015139	.0458575	-.000985	-.019407	137.1515	.1577378

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0066766	.0046127	138.7813	.0317463	.2947094	.7279079	463.1816
Stddev	.0000369	.0006179	.1937	.0002149	.0006723	.0019738	1.1953
%RSD	.5528276	13.39637	.1395733	.6768520	.2281087	.2711552	.2580533
#1	.0066344	.0046907	138.9823	.0316972	.2939706	.7262717	462.7080
#2	.0067028	.0039595	138.5959	.0315603	.2948724	.7273519	464.5411
#3	.0066925	.0051879	138.7657	.0319815	.2952851	.7301000	462.2957

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.227759	121.6733	.1819959	-.019037	29.11095	1.153077	.4629229
Stddev	.011086	.1652	.0001774	.000378	.31625	.002291	.0012051
%RSD	.3434456	.1357873	.0974458	1.986738	1.086354	.1987183	.2603215
#1	3.239028	121.8536	.1821481	-.019388	29.17119	1.151776	.4633094
#2	3.227384	121.5292	.1820385	-.018636	29.39274	1.151732	.4615719
#3	3.216866	121.6370	.1818011	-.019087	28.76891	1.155722	.4638873

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.873073	.9874104	.0027657	-.009879	6.399447	1.771369	8.977585
Stddev	.015821	.0044730	.0003575	.000299	.013793	.014712	.013114
%RSD	.8446404	.4530032	12.92729	3.027518	.2155389	.8305333	.1460751
#1	1.874077	.9889364	.0024519	-.009921	6.410693	1.780888	8.973059
#2	1.888367	.9823741	.0031550	-.010155	6.403590	1.778794	8.967333
#3	1.856774	.9909208	.0026903	-.009561	6.384057	1.754424	8.992362

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1730-13 Acquired: 4/14/2025 19:36:23 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.629716	.2755084	.3941721
Stddev	.016248	.0010439	.0011737
%RSD	.2886083	.3788853	.2977517
#1	5.645370	.2761911	.3949116
#2	5.612934	.2760273	.3947859
#3	5.630843	.2743067	.3928188

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3017.110	75541.51	16455.49	2037.350	3611.890
Stddev	5.807	84.58	83.17	4.784	7.693
%RSD	.1924799	.1119606	.5054094	.2348085	.2130017
#1	3021.908	75632.63	16466.20	2039.898	3611.486
#2	3018.769	75465.51	16532.79	2040.320	3619.777
#3	3010.654	75526.39	16367.49	2031.831	3604.406

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1730-15 Acquired: 4/14/2025 19:40:35 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0329093	-.018477	.0455543	-.001518	-.014372	155.7294	.1950071
Stddev	.0034764	.001354	.0038413	.003846	.004280	.1419	.0006654
%RSD	10.56366	7.325189	8.432322	253.3233	29.77952	.0911276	.3412131
#1	.0329111	-.017100	.0459180	.002777	-.010741	155.8169	.1957379
#2	.0363849	-.019806	.0415441	-.002689	-.013284	155.5657	.1948471
#3	.0294320	-.018526	.0492008	-.004642	-.019091	155.8056	.1944363

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0066739	.0041801	174.3030	.0376958	.2978910	.6901223	485.2543
Stddev	.0001683	.0005874	.7177	.0003616	.0011223	.0019471	1.3900
%RSD	2.521821	14.05300	.4117733	.9591873	.3767336	.2821382	.2864555
#1	.0068677	.0036275	174.8191	.0373114	.2974517	.6878867	486.4359
#2	.0065649	.0041158	174.6064	.0377467	.2970549	.6910335	485.6042
#3	.0065890	.0047971	173.4834	.0380292	.2991665	.6914467	483.7227

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.190478	122.2350	.1915317	-.018009	34.57621	1.258926	.4965192
Stddev	.012880	.6100	.0005551	.000605	.24409	.003172	.0019094
%RSD	.4036957	.4990452	.2898297	3.362188	.7059551	.2519404	.3845661
#1	3.203267	122.7331	.1911436	-.017674	34.66874	1.260702	.4982705
#2	3.190659	122.4172	.1921676	-.017644	34.29938	1.260811	.4944835
#3	3.177509	121.5547	.1912841	-.018708	34.76051	1.255264	.4968037

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.255519	1.256586	.0020498	-.012805	8.115955	5.626051	9.059845
Stddev	.015032	.006801	.0001502	.002616	.014763	.040780	.009020
%RSD	.6664403	.5411941	7.329208	20.42977	.1819019	.7248376	.0995567
#1	2.238180	1.264166	.0019118	-.015566	8.132311	5.609027	9.052491
#2	2.264878	1.254569	.0020277	-.012485	8.111936	5.596541	9.057135
#3	2.263499	1.251021	.0022098	-.010364	8.103617	5.672584	9.069909

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1730-15 Acquired: 4/14/2025 19:40:35 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.818940	.2888084	.3948791
Stddev	.019080	.0007442	.0008693
%RSD	.3278999	.2576714	.2201429
#1	5.798607	.2884773	.3958521
#2	5.821760	.2882873	.3941791
#3	5.836453	.2896607	.3946060

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2941.396	72621.98	16296.09	1943.359	3550.087
Stddev	4.547	102.14	86.46	8.621	6.586
%RSD	.1545998	.1406465	.5305808	.4436257	.1855291
#1	2946.568	72656.73	16271.57	1951.346	3557.578
#2	2939.594	72702.21	16224.54	1944.511	3547.483
#3	2938.026	72507.00	16392.17	1934.219	3545.201

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1730-17 Acquired: 4/14/2025 19:44:48 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0437427	-.017035	.0565504	-.004895	-.019784	176.9772	.1230659
Stddev	.0026707	.002924	.0021833	.003199	.002199	.0263	.0008834
%RSD	6.105404	17.16667	3.860769	65.35601	11.11647	.0148418	.7178130
#1	.0467181	-.013831	.0540548	-.004008	-.017900	176.9924	.1220797
#2	.0429567	-.019561	.0581075	-.002233	-.022201	176.9923	.1233334
#3	.0415532	-.017712	.0574890	-.008445	-.019251	176.9469	.1237847

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0077705	.0120604	180.1882	.0440167	.3334801	.8156185	492.1047
Stddev	.0001255	.0016720	.3606	.0001686	.0033519	.0073775	4.7609
%RSD	1.615543	13.86320	.2001391	.3831089	1.005130	.9045327	.9674483
#1	.0076343	.0102018	179.8842	.0438234	.3302402	.8087930	495.7027
#2	.0077956	.0134422	180.0937	.0441340	.3369338	.8234457	493.9052
#3	.0078816	.0125373	180.5866	.0440926	.3332662	.8146167	486.7062

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.135931	145.7706	.2377664	-.025434	38.72173	1.335215	.4976899
Stddev	.010997	.1070	.0017239	.000801	.16416	.001515	.0030226
%RSD	.3506662	.0734050	.7250513	3.151024	.4239459	.1134379	.6073162
#1	3.123745	145.6613	.2367394	-.024584	38.67962	1.333977	.5009241
#2	3.138934	145.8751	.2397567	-.025542	38.90284	1.336904	.4949366
#3	3.145114	145.7754	.2368032	-.026176	38.58272	1.334764	.4972090

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.743636	1.801350	.0044953	-.013418	8.480717	4.497588	9.575370
Stddev	.012080	.012966	.0001653	.001236	.013210	.020623	.107601
%RSD	.4402877	.7198054	3.677913	9.208505	.1557623	.4585450	1.123729
#1	2.729690	1.813487	.0043107	-.013349	8.466487	4.496497	9.495769
#2	2.750818	1.802874	.0046298	-.014686	8.483076	4.518736	9.697789
#3	2.750401	1.787689	.0045453	-.012218	8.492589	4.477532	9.532552

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1730-17 Acquired: 4/14/2025 19:44:48 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	11.15629	.3133121	.4831548
Stddev	.12804	.0019625	.0011322
%RSD	1.147707	.6263646	.2343243
#1	11.08386	.3143970	.4818636
#2	11.30413	.3144926	.4836234
#3	11.08088	.3110467	.4839774

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2911.354	72908.17	15328.09	1971.244	3474.089
Stddev	22.974	234.68	35.42	13.562	37.039
%RSD	.7891296	.3218872	.2310654	.6879877	1.066155
#1	2929.904	72725.03	15328.37	1955.682	3507.579
#2	2885.655	72826.78	15363.37	1980.540	3434.307
#3	2918.503	73172.72	15292.53	1977.511	3480.380

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1730-19 Acquired: 4/14/2025 19:49:01 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0682494	-.014648	.0738163	-.008990	-.024351	195.0446	.2819750
Stddev	.0008355	.008546	.0012560	.002312	.001080	2.3000	.0002360
%RSD	1.224197	58.34485	1.701507	25.71401	4.434953	1.179226	.0836795
#1	.0686730	-.017974	.0751694	-.010156	-.023112	195.4823	.2821660
#2	.0672869	-.004938	.0735918	-.010487	-.025092	192.5572	.2820477
#3	.0687882	-.021030	.0726877	-.006328	-.024849	197.0944	.2817112

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0096703	.0204692	200.7648	.0549085	.4118991	.8000882	593.5573
Stddev	.0000921	.0004147	.4596	.0000327	.0017467	.0021042	3.4470
%RSD	.9520627	2.025729	.2289479	.0596045	.4240575	.2629944	.5807307
#1	.0097445	.0207937	200.9997	.0548882	.4105713	.7982647	590.8561
#2	.0096992	.0206118	201.0595	.0549463	.4112483	.7996093	592.3763
#3	.0095673	.0200020	200.2351	.0548910	.4138778	.8023905	597.4396

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.840230	181.0750	.2634401	-.035202	27.25232	1.536464	.5590858
Stddev	.025226	.4007	.0001323	.001331	.02553	.001023	.0015428
%RSD	.4319288	.2213160	.0502228	3.780186	.0936954	.0665896	.2759574
#1	5.855096	181.2829	.2635815	-.036082	27.25951	1.536319	.5579248
#2	5.854491	181.3291	.2633193	-.035852	27.27349	1.537552	.5608365
#3	5.811104	180.6130	.2634197	-.033671	27.22396	1.535521	.5584961

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.365584	.9601175	.0015934	-.011200	8.124681	4.830954	10.17357
Stddev	.015090	.0065805	.0004238	.000521	.022328	.015620	.03181
%RSD	.6379008	.6853835	26.59924	4.647539	.2748178	.3233278	.3126393
#1	2.357864	.9548858	.0019595	-.011751	8.138936	4.842408	10.14568
#2	2.355915	.9579609	.0016917	-.011133	8.136158	4.813161	10.16683
#3	2.382972	.9675056	.0011291	-.010717	8.098949	4.837294	10.20821

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1730-19 Acquired: 4/14/2025 19:49:01 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	18.59054	.3414349	.5091869
Stddev	.06079	.0016145	.0010105
%RSD	.3269805	.4728603	.1984572
#1	18.53488	.3408573	.5094954
#2	18.58135	.3401887	.5100072
#3	18.65540	.3432588	.5080581

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3065.530	75147.17	15600.57	2048.131	3510.557
Stddev	7.470	102.45	34.71	7.515	10.538
%RSD	.2436704	.1363367	.2224612	.3668982	.3001799
#1	3074.048	75254.82	15588.16	2045.611	3521.720
#2	3062.449	75050.86	15573.78	2056.582	3509.168
#3	3060.094	75135.82	15639.77	2042.200	3500.782

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1736-01 Acquired: 4/14/2025 19:53:22 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5214984	.0160103	3.233274	.0090663	.0434427	78.00938	1.238149
Stddev	.0016629	.0027456	.005727	.0025170	.0037888	.04593	.001019
%RSD	.3188612	17.14914	.1771121	27.76209	8.721340	.0588722	.0822824
#1	.5211991	.0188818	3.227318	.0090124	.0430564	78.00214	1.237183
#2	.5232906	.0157381	3.238740	.0065767	.0474098	78.05849	1.238050
#3	.5200055	.0134109	3.233765	.0116099	.0398618	77.96750	1.239213

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0106080	.0037934	39.16954	.1741463	.0977459	3.375954	198.9380
Stddev	.0001074	.0003116	.16619	.0009277	.0003392	.004885	.1597
%RSD	1.012728	8.213355	.4242755	.5327387	.3469905	.1447125	.0802727
#1	.0104841	.0037931	38.99072	.1731560	.0981340	3.372521	199.0199
#2	.0106757	.0041051	39.31924	.1749954	.0975976	3.373792	198.7539
#3	.0106642	.0034820	39.19866	.1742873	.0975062	3.381547	199.0400

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.291876	19.02304	.9399311	-.003383	5.727703	.4029194	1.734250
Stddev	.006720	.08734	.0006314	.000289	.027829	.0012919	.007435
%RSD	.5201572	.4591389	.0671695	8.532766	.4858629	.3206346	.4287246
#1	1.286679	18.93086	.9396987	-.003052	5.729603	.4027041	1.730797
#2	1.299465	19.10457	.9394489	-.003513	5.698973	.4017486	1.729169
#3	1.289484	19.03367	.9406457	-.003583	5.754534	.4043054	1.742784

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.109698	-.157772	.0216530	.1615731	4.586878	8.971607	4.519486
Stddev	.050289	.002485	.0004486	.0007478	.011671	.026616	.015666
%RSD	.5520335	1.575034	2.071683	.4628294	.2544477	.2966685	.3466297
#1	9.159713	-.155244	.0214338	.1615899	4.574790	8.983260	4.501434
#2	9.059140	-.160211	.0221691	.1608170	4.598082	8.941152	4.527512
#3	9.110241	-.157860	.0213562	.1623123	4.587761	8.990410	4.529512

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1736-01 Acquired: 4/14/2025 19:53:22 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	6.698146	.2214785	.3456523
Stddev	.014942	.0008786	.0003380
%RSD	.2230700	.3966959	.0977779
#1	6.691929	.2206975	.3455140
#2	6.687318	.2213083	.3460375
#3	6.715193	.2224298	.3454054

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3174.502	78377.75	15650.10	2146.025	4101.766
Stddev	2.728	149.89	90.03	14.959	3.723
%RSD	.0859488	.1912464	.5752399	.6970723	.0907739
#1	3177.520	78439.35	15751.00	2145.202	4104.083
#2	3172.211	78487.03	15577.98	2161.379	4097.472
#3	3173.774	78206.87	15621.34	2131.494	4103.745

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: CCV07 Acquired: 4/14/2025 19:57:27 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV07 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.739969	4.851607	4.817307	4.770278	4.812637	9.537342	9.614462
Stddev	.012952	.011829	.006478	.015340	.012967	.014382	.118876
%RSD	.2732442	.2438157	.1344637	.3215738	.2694263	.1507932	1.236431
#1	4.725033	4.839743	4.814985	4.752565	4.798207	9.551798	9.687342
#2	4.748096	4.851677	4.812311	4.779166	4.823310	9.537193	9.477285
#3	4.746779	4.863401	4.824626	4.779102	4.816395	9.523036	9.678758

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2395969	2.432195	24.00203	.9739638	2.442577	1.219351	4.830539
Stddev	.0008582	.001095	.07836	.0022779	.001436	.001746	.023805
%RSD	.3581814	.0450348	.3264527	.2338764	.0587935	.1431963	.4928018
#1	.2402729	2.432763	23.92445	.9754634	2.441930	1.217654	4.804940
#2	.2398863	2.430932	24.08114	.9713426	2.441579	1.219256	4.834668
#3	.2386314	2.432890	24.00049	.9750853	2.444223	1.221143	4.852009

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.384481	23.71329	2.420012	1.202730	25.44156	2.397176	2.397697
Stddev	.009861	.09879	.001231	.003038	.11167	.003665	.015451
%RSD	.4135395	.4165846	.0508801	.2525653	.4389157	.1528831	.6444180
#1	2.373812	23.62839	2.420164	1.206150	25.40575	2.393653	2.380291
#2	2.386371	23.82171	2.418712	1.201693	25.35219	2.400968	2.409791
#3	2.393260	23.68977	2.421160	1.200346	25.56674	2.396907	2.403010

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.32863	4.783555	4.893457	4.861328	4.759175	4.762692	4.868732
Stddev	.07458	.016258	.006538	.009895	.009550	.022140	.003133
%RSD	.2944320	.3398744	.1336162	.2035515	.2006559	.4648586	.0643516
#1	25.27123	4.795835	4.887401	4.852797	4.750393	4.741530	4.868109
#2	25.30175	4.789712	4.892581	4.859010	4.757791	4.760851	4.865958
#3	25.41292	4.765118	4.900390	4.872176	4.769341	4.785695	4.872130

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: CCV07 Acquired: 4/14/2025 19:57:27 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV07 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.793343	4.732766	4.846313
Stddev	.003484	.013242	.042312
%RSD	.0726889	.2797978	.8730843
#1	4.797268	4.736010	4.894760
#2	4.790616	4.718203	4.816611
#3	4.792145	4.744085	4.827569

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2762.343	66677.15	13164.13	1800.767	4129.906
Stddev	6.038	107.71	29.86	9.815	6.504
%RSD	.2185697	.1615416	.2268033	.5450520	.1574952
#1	2767.074	66569.75	13133.28	1812.101	4131.760
#2	2764.412	66785.17	13166.24	1795.160	4135.282
#3	2755.543	66676.54	13192.88	1795.041	4122.676

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: CCB07 Acquired: 4/14/2025 20:01:38 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB07 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0034976	-.000877	-.000099	-.000474	-.000194	-.002874	-.000010
Stddev	.0018325	.000470	.001643	.003618	.001427	.004075	.000769
%RSD	52.39216	53.55152	1664.319	763.2556	735.1405	141.7986	7440.236
#1	.0015575	-.001189	-.001807	.003160	.000574	-.003727	-.000795
#2	.0037363	-.001106	.000040	-.000507	-.001841	-.006455	.000742
#3	.0051990	-.000337	.001471	-.004075	.000685	.001560	.000021

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000009	-.000080	-.008078	.0000355	-.000075	.0000701	-.004624
Stddev	.000006	.000096	.005795	.0003502	.000102	.0003942	.003230
%RSD	69.17331	120.6310	71.74348	986.3185	135.7124	562.5124	69.86392
#1	-.000011	-.000168	-.011840	.0004104	-.000071	.0001516	-.001076
#2	-.000002	.000023	-.010990	-.000021	-.000179	.0004172	-.007396
#3	-.000014	-.000094	-.001404	-.000283	.000025	-.000359	-.005400

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004551	.0096551	-.000117	-.000072	-.057637	.0012183	-.000626
Stddev	.0002614	.0012051	.000090	.000163	.012062	.0012599	.000042
%RSD	57.44111	12.48196	77.32787	226.1988	20.92703	103.4153	6.765566
#1	.0002516	.0106106	-.000030	.000115	-.071525	.0014381	-.000578
#2	.0007499	.0100535	-.000111	-.000187	-.049786	-.000137	-.000644
#3	.0003638	.0083012	-.000210	-.000145	-.051600	.002354	-.000657

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.064363	.0084429	.0001129	-.000653	-.000019	.0198370	.0037768
Stddev	.023160	.0007068	.0000593	.001041	.000170	.0036743	.0005009
%RSD	35.98289	8.370908	52.48870	159.4550	881.2716	18.52222	13.26134
#1	-.039799	.0090125	.0001703	-.000761	-.000002	.0229910	.0032165
#2	-.067488	.0076520	.0000519	.000438	.000141	.0207174	.0041811
#3	-.085801	.0086642	.0001166	-.001635	-.000198	.0158025	.0039328

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: CCB07 Acquired: 4/14/2025 20:01:38 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB07 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000292	-.000115	-.000073
Stddev	.001375	.000322	.000024
%RSD	470.2419	278.4372	33.20981
#1	-.000383	.000096	-.000086
#2	-.001620	-.000485	-.000045
#3	.001126	.000043	-.000087

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2853.386	68878.07	13484.87	1857.166	4589.144
Stddev	7.260	265.51	34.10	12.116	11.020
%RSD	.2544343	.3854757	.2528572	.6523837	.2401387
#1	2854.296	68575.82	13452.67	1844.086	4593.716
#2	2860.148	68984.72	13481.35	1859.406	4597.141
#3	2845.713	69073.67	13520.60	1868.005	4576.573

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1736-02 Acquired: 4/14/2025 20:05:58 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0357268	.0033194	.1266165	-.000634	-.008107	68.21739	.7304124
Stddev	.0022668	.0034425	.0009790	.002099	.000822	.21705	.0020928
%RSD	6.344837	103.7092	.7732352	330.8471	10.14155	.3181670	.2865294
#1	.0339780	.0051569	.1259609	.000828	-.007162	68.46763	.7325588
#2	.0382878	.0054532	.1261467	.000308	-.008499	68.10421	.7303010
#3	.0349146	-.000652	.1277419	-.003039	-.008659	68.08033	.7283776

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0077168	.0026171	22.84581	.1620819	.1011475	.1902507	186.4165
Stddev	.0002132	.0000878	.07145	.0003945	.0006556	.0008964	.6853
%RSD	2.762568	3.356719	.3127638	.2433885	.6481305	.4711534	.3676070
#1	.0079533	.0027157	22.85773	.1616266	.1017653	.1909373	185.8823
#2	.0075396	.0025473	22.76915	.1622970	.1004598	.1905781	187.1892
#3	.0076574	.0025883	22.91056	.1623221	.1012174	.1892366	186.1781

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.363019	37.32232	.2014873	-.008782	4.104690	.2517842	.3984490
Stddev	.006768	.21542	.0002246	.000548	.045592	.0001290	.0015680
%RSD	.2863981	.5771932	.1114769	6.242061	1.110724	.0512525	.3935263
#1	2.365545	37.32720	.2016155	-.009368	4.095463	.2518889	.3970015
#2	2.355351	37.10449	.2016185	-.008281	4.154189	.2518237	.3982307
#3	2.368160	37.53525	.2012280	-.008698	4.064417	.2516401	.4001147

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.24179	-.177345	.0026996	.0019470	2.396567	7.850844	8.579291
Stddev	.09839	.003678	.0003927	.0001065	.004101	.047407	.003669
%RSD	.8751795	2.073648	14.54541	5.471358	.1711115	.6038409	.0427625
#1	11.22701	-.178210	.0031301	.0018458	2.400600	7.816713	8.580710
#2	11.34674	-.173312	.0023611	.0020581	2.392402	7.904973	8.575124
#3	11.15164	-.180513	.0026077	.0019372	2.396700	7.830846	8.582038

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1736-02 Acquired: 4/14/2025 20:05:58 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0803317	.2404559	.0958163
Stddev	.0043565	.0010237	.0003861
%RSD	5.423167	.4257317	.4029271
#1	.0765696	.2412392	.0961856
#2	.0793206	.2408310	.0958479
#3	.0851048	.2392976	.0954154

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3297.059	82384.39	16091.40	2176.096	4120.030
Stddev	7.469	88.76	109.24	3.084	3.763
%RSD	.2265442	.1077398	.6788433	.1417127	.0913355
#1	3288.697	82472.32	16057.66	2179.633	4115.689
#2	3299.409	82294.82	16213.52	2174.691	4122.364
#3	3303.071	82386.02	16003.01	2173.966	4122.037

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1738-01 Acquired: 4/14/2025 20:10:04 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0360174	-.030433	.1613473	-.004993	-.010014	131.7801	.3688018
Stddev	.0025180	.002305	.0008490	.004112	.004745	.0611	.0014111
%RSD	6.990970	7.574603	.5261877	82.36737	47.38478	.0464015	.3826063
#1	.0341167	-.033021	.1604142	-.003694	-.014263	131.7848	.3693389
#2	.0388732	-.029675	.1615532	-.001687	-.010887	131.8388	.3698655
#3	.0350624	-.028602	.1620743	-.009598	-.004893	131.7168	.3672011

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0074997	.0073285	98.62922	.2428619	.1964992	.5686092	275.3257
Stddev	.0001076	.0003515	.33448	.0009331	.0011572	.0017045	1.2531
%RSD	1.434001	4.796841	.3391252	.3842206	.5889013	.2997655	.4551256
#1	.0073874	.0073296	98.59303	.2437870	.1976511	.5672869	276.4666
#2	.0075099	.0069764	98.98033	.2428778	.1953368	.5680079	275.5259
#3	.0076018	.0076795	98.31432	.2419210	.1965099	.5705329	273.9845

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.383421	73.46481	.2687797	-.015645	11.43344	.6379595	.4897779
Stddev	.017104	.32300	.0008014	.000213	.06952	.0018394	.0016573
%RSD	.5055103	.4396651	.2981826	1.359703	.6080422	.2883213	.3383844
#1	3.385850	73.38732	.2693487	-.015410	11.50058	.6372972	.4881849
#2	3.399181	73.81951	.2678632	-.015701	11.43799	.6400383	.4896559
#3	3.365233	73.18761	.2691273	-.015824	11.36176	.6365430	.4914929

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.75290	-.193696	.0166848	-.015268	9.463373	12.93143	10.44561
Stddev	.06519	.007724	.0002183	.000463	.021584	.06776	.01082
%RSD	.4739760	3.987693	1.308160	3.030824	.2280818	.5239885	.1036162
#1	13.82710	-.187152	.0169232	-.014759	9.470672	13.00893	10.45102
#2	13.72676	-.202216	.0166363	-.015381	9.480361	12.90201	10.45267
#3	13.70484	-.191720	.0164948	-.015663	9.439085	12.88336	10.43315

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1738-01 Acquired: 4/14/2025 20:10:04 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	6.362333	.2228156	.1859806
Stddev	.022286	.0008188	.0006567
%RSD	.3502810	.3674544	.3530940
#1	6.387230	.2237311	.1864232
#2	6.344247	.2225623	.1862925
#3	6.355522	.2221535	.1852261

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3112.497	77812.95	15115.67	2119.040	3734.850
Stddev	.602	336.97	49.34	4.125	7.631
%RSD	.0193415	.4330551	.3264136	.1946447	.2043176
#1	3112.683	77439.42	15099.37	2115.069	3726.058
#2	3112.984	77905.31	15076.54	2123.303	3738.736
#3	3111.824	78094.10	15171.09	2118.747	3739.756

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1738-01DUP Acquired: 4/14/2025 20:14:39 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0377596	-.021498	.1653425	.0020306	-.009083	125.4605	.4059838
Stddev	.0004658	.001164	.0017978	.0013231	.002477	.1625	.0002363
%RSD	1.233687	5.416376	1.087287	65.15589	27.27020	.1294978	.0582153
#1	.0373299	-.021529	.1655575	.0020218	-.011906	125.4863	.4057620
#2	.0382547	-.020318	.1634469	.0007120	-.007272	125.2866	.4062324
#3	.0376942	-.022647	.1670231	.0033581	-.008071	125.6085	.4059569

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0070163	.0007870	65.16445	.2484508	.1746184	.5226065	289.8540
Stddev	.0000967	.0002749	.04691	.0006654	.0002334	.0012199	1.3115
%RSD	1.377805	34.92545	.0719826	.2678068	.1336475	.2334296	.4524540
#1	.0070961	.0004759	65.13237	.2481191	.1745077	.5217822	289.7167
#2	.0070440	.0009971	65.14270	.2480165	.1744609	.5220293	288.6167
#3	.0069088	.0008880	65.21829	.2492168	.1748865	.5240079	291.2288

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.566977	62.30928	.2480445	-.010106	11.20642	.6176051	.4659920
Stddev	.003187	.02451	.0012828	.000273	.02710	.0028699	.0021938
%RSD	.0893591	.0393315	.5171769	2.697260	.2418028	.4646833	.4707699
#1	3.566765	62.31901	.2480975	-.010199	11.20100	.6180066	.4637064
#2	3.570265	62.32743	.2467360	-.010321	11.18243	.6145556	.4680806
#3	3.563900	62.28140	.2493001	-.009799	11.23581	.6202531	.4661889

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.05769	-.114256	.0090724	-.011648	8.884143	7.530538	9.525528
Stddev	.05514	.006374	.0002572	.000483	.007778	.024955	.011760
%RSD	.3232401	5.578988	2.835493	4.149512	.0875529	.3313867	.1234533
#1	17.05669	-.114438	.0091069	-.011209	8.889483	7.522557	9.517043
#2	17.00306	-.120537	.0087997	-.011571	8.875218	7.510549	9.520590
#3	17.11332	-.107793	.0093107	-.012166	8.887727	7.558507	9.538952

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1738-01DUP Acquired: 4/14/2025 20:14:39 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.674901	.2312016	.1565534
Stddev	.036538	.0012206	.0001230
%RSD	.6438459	.5279555	.0785686
#1	5.649370	.2309301	.1565614
#2	5.658577	.2301395	.1564266
#3	5.716754	.2325351	.1566722

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3245.284	78094.45	16700.11	2130.019	3932.337
Stddev	7.026	354.07	36.67	22.956	7.147
%RSD	.2165106	.4533922	.2195650	1.077754	.1817565
#1	3248.961	78320.98	16741.97	2143.238	3939.726
#2	3249.709	78275.94	16673.71	2143.307	3931.828
#3	3237.182	77686.43	16684.63	2103.512	3925.459

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1738-01LX5 Acquired: 4/14/2025 20:18:43 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0080601	-.001875	.0331434	-.002342	-.000260	28.23629	.0836195
Stddev	.0009915	.003084	.0022956	.002562	.000867	.05465	.0016065
%RSD	12.30163	164.5018	6.926240	109.3903	333.0250	.1935528	1.921228
#1	.0082678	.000701	.0326139	.000602	-.001225	28.17334	.0826775
#2	.0069812	-.001033	.0356575	-.004065	.000452	28.26400	.0827064
#3	.0089313	-.005292	.0311589	-.003564	-.000008	28.27155	.0854744

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0018183	-.001595	22.44786	.0565253	.0375425	.1321693	63.70329
Stddev	.0000593	.000091	.03158	.0004814	.0001384	.0002452	.16335
%RSD	3.259324	5.729200	.1406763	.8515920	.3685056	.1855465	.2564258
#1	.0018661	-.001670	22.41296	.0568894	.0374669	.1320981	63.63657
#2	.0017520	-.001621	22.45616	.0567069	.0374583	.1324422	63.88944
#3	.0018367	-.001493	22.47446	.0559795	.0377021	.1319675	63.58386

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7911783	16.43836	.0524326	-.003558	2.297930	.1468084	.1139265
Stddev	.0021963	.03389	.0003335	.000262	.015515	.0021339	.0008470
%RSD	.2776001	.2061610	.6361404	7.356300	.6751720	1.453518	.7434865
#1	.7887099	16.45716	.0527695	-.003716	2.289780	.1464946	.1131026
#2	.7919082	16.45869	.0521025	-.003703	2.315822	.1448488	.1147949
#3	.7929167	16.39924	.0524257	-.003256	2.288189	.1490818	.1138822

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.965028	-.034799	.0036199	-.004730	2.091074	2.330873	2.021800
Stddev	.027709	.000740	.0001456	.000880	.005594	.009280	.003241
%RSD	.9345380	2.125204	4.022422	18.61160	.2675358	.3981331	.1603013
#1	2.936518	-.034008	.0034828	-.005385	2.084760	2.321721	2.024125
#2	2.966707	-.035473	.0037728	-.003729	2.095413	2.340275	2.018098
#3	2.991860	-.034917	.0036042	-.005074	2.093050	2.330622	2.023178

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1738-01LX5 Acquired: 4/14/2025 20:18:43 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.194691	.0503516	.0410925
Stddev	.009590	.0012301	.0001212
%RSD	.8027303	2.443053	.2950328
#1	1.195206	.0489429	.0409633
#2	1.184854	.0508989	.0411105
#3	1.204013	.0512131	.0412037

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2894.953	70049.02	13723.36	1899.372	4231.590
Stddev	2.092	302.69	41.12	9.788	4.583
%RSD	.0722770	.4321051	.2996108	.5153183	.1082965
#1	2892.539	70092.78	13744.30	1904.767	4226.369
#2	2896.244	69726.84	13675.99	1888.074	4234.950
#3	2896.076	70327.45	13749.80	1905.276	4233.450

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1738-01MS Acquired: 4/14/2025 20:22:58 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6749462	1.796249	1.087420	1.553261	.6452989	126.9699	.5290358
Stddev	.0050053	.007366	.002596	.006826	.0029252	.3647	.0012088
%RSD	.7415873	.4100791	.2387074	.4394545	.4533154	.2872683	.2284854
#1	.6782801	1.788092	1.090377	1.550193	.6419235	126.8527	.5300836
#2	.6691907	1.802414	1.085515	1.548508	.6470969	127.3788	.5293105
#3	.6773680	1.798240	1.086368	1.561083	.6468762	126.6781	.5277133

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1550456	.1966260	82.16361	.5501916	.3694032	.7609441	284.0950
Stddev	.0006741	.0002495	.05683	.0002961	.0003945	.0007051	1.4690
%RSD	.4348089	.1268805	.0691660	.0538156	.1067993	.0926636	.5170785
#1	.1542678	.1964711	82.09799	.5503816	.3697584	.7617580	285.7679
#2	.1554085	.1969138	82.19602	.5503427	.3689786	.7605186	283.0154
#3	.1554606	.1964931	82.19682	.5498504	.3694726	.7605557	283.5018

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.527241	68.34452	.7179644	.0496860	13.75952	.8403848	.6292928
Stddev	.009215	.06449	.0025866	.0007199	.09174	.0008213	.0017281
%RSD	.2612535	.0943673	.3602714	1.448810	.6667295	.0977303	.2746047
#1	3.535717	68.27239	.7195889	.0505062	13.86452	.8398214	.6301012
#2	3.517432	68.36454	.7149816	.0493931	13.71914	.8400058	.6304684
#3	3.528573	68.39662	.7193228	.0491588	13.69490	.8413271	.6273087

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.73348	.0653341	.3408835	.6613144	9.091101	10.51487	15.42587
Stddev	.11992	.0029992	.0007367	.0011948	.019544	.04354	.02620
%RSD	.5052977	4.590618	.2161254	.1806661	.2149812	.4141170	.1698215
#1	23.86056	.0687233	.3414589	.6616834	9.101895	10.56502	15.43705
#2	23.71759	.0630228	.3400532	.6599786	9.102867	10.48668	15.44461
#3	23.62229	.0642561	.3411384	.6622811	9.068540	10.49290	15.39593

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1738-01MS Acquired: 4/14/2025 20:22:58 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.939832	.3917036	.3277139
Stddev	.009716	.0007400	.0009896
%RSD	.1635742	.1889210	.3019861
#1	5.940158	.3917672	.3284213
#2	5.929957	.3924098	.3281375
#3	5.949381	.3909339	.3265830

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3106.352	76155.68	16011.43	2035.869	3785.832
Stddev	5.234	79.19	82.56	.942	5.460
%RSD	.1684795	.1039788	.5156029	.0462523	.1442339
#1	3111.532	76162.92	16099.53	2035.775	3789.941
#2	3106.458	76231.00	15998.92	2034.978	3787.918
#3	3101.066	76073.13	15935.85	2036.854	3779.636

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1738-01MSD Acquired: 4/14/2025 20:26:57 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6848106	1.813439	1.101157	1.576060	.6438916	129.1230	.5353973
Stddev	.0022923	.015409	.004637	.003419	.0023339	.4253	.0006937
%RSD	.3347371	.8496893	.4210920	.2169172	.3624676	.3293677	.1295692
#1	.6871929	1.827271	1.098711	1.576068	.6431980	129.4735	.5351065
#2	.6846186	1.796831	1.098255	1.572637	.6464937	129.2456	.5348964
#3	.6826203	1.816214	1.106505	1.579475	.6419832	128.6499	.5361891

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1662680	.2030547	77.26593	.5490344	.3746029	.7782700	269.5797
Stddev	.0004914	.0003992	.03055	.0003980	.0015073	.0010707	.6251
%RSD	.2955353	.1966104	.0395435	.0724862	.4023641	.1375724	.2318879
#1	.1667772	.2033514	77.25629	.5494474	.3749532	.7776633	268.9334
#2	.1662302	.2026008	77.30014	.5486534	.3729514	.7776404	269.6245
#3	.1657966	.2032118	77.24136	.5490023	.3759043	.7795062	270.1812

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.606018	67.53249	.7285509	.0464979	12.86239	.8472740	.6314330
Stddev	.000897	.15286	.0017375	.0006802	.04950	.0035818	.0008476
%RSD	.0248699	.2263504	.2384833	1.462837	.3848275	.4227391	.1342298
#1	3.605878	67.69454	.7280170	.0466374	12.81523	.8511653	.6323298
#2	3.605199	67.51205	.7271431	.0470975	12.85801	.8465417	.6306452
#3	3.606976	67.39088	.7304927	.0457588	12.91393	.8441150	.6313240

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	22.78379	-.005733	.3355967	.6583411	9.182357	9.932246	15.63832
Stddev	.05760	.008764	.0003713	.0017180	.010548	.014260	.05433
%RSD	.2527983	152.8900	.1106414	.2609522	.1148713	.1435740	.3474449
#1	22.71731	-.012740	.3360183	.6578006	9.192836	9.916246	15.64731
#2	22.81554	-.008553	.3353186	.6602643	9.182494	9.943616	15.58005
#3	22.81853	.004095	.3354530	.6569584	9.171741	9.936875	15.68759

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1738-01MSD Acquired: 4/14/2025 20:26:57 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	6.063655	.3929438	.3247760
Stddev	.022055	.0010704	.0002877
%RSD	.3637165	.2724115	.0885955
#1	6.059642	.3922517	.3249970
#2	6.043882	.3924030	.3248804
#3	6.087440	.3941767	.3244507

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3092.344	76876.50	15072.36	2061.096	3742.018
Stddev	1.124	101.51	43.39	2.239	6.363
%RSD	.0363595	.1320485	.2878690	.1086215	.1700493
#1	3091.058	76953.66	15046.68	2061.028	3742.934
#2	3093.142	76761.50	15047.93	2063.368	3747.873
#3	3092.831	76914.33	15122.45	2058.892	3735.246

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1738-01A Acquired: 4/14/2025 20:30:56 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6737455	1.798329	1.085629	1.545951	.6324874	128.2800	.5434386
Stddev	.0021351	.001750	.002132	.006603	.0012037	.4813	.0034224
%RSD	.3169019	.0973092	.1963868	.4271035	.1903101	.3752087	.6297644
#1	.6718396	1.798883	1.088074	1.547883	.6313851	127.8009	.5394868
#2	.6733440	1.799736	1.084158	1.538598	.6323055	128.2756	.5453917
#3	.6760528	1.796370	1.084654	1.551373	.6337717	128.7635	.5454372

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1567544	.1972968	84.46039	.5412666	.3742955	.7704559	285.3847
Stddev	.0009459	.0001600	.47000	.0024947	.0005918	.0015537	.3450
%RSD	.6034214	.0810698	.5564741	.4609065	.1581151	.2016545	.1209024
#1	.1567288	.1974627	84.35027	.5419996	.3749611	.7691727	285.5032
#2	.1558216	.1971435	84.05523	.5384875	.3738285	.7700117	285.6549
#3	.1577128	.1972843	84.97567	.5433128	.3740969	.7721832	284.9960

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.597614	68.91071	.7241513	.0482868	14.11144	.8511441	.6260279
Stddev	.015319	.52350	.0016086	.0003706	.14775	.0060452	.0022907
%RSD	.4258040	.7596761	.2221312	.7675338	1.046994	.7102413	.3659021
#1	3.589571	68.87328	.7249940	.0484905	14.01849	.8475008	.6268550
#2	3.587992	68.40694	.7222964	.0478590	14.28180	.8478093	.6234385
#3	3.615279	69.45193	.7251633	.0485108	14.03401	.8581222	.6277900

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.66546	.0882419	.3337254	.6528534	9.282276	11.24841	15.72056
Stddev	.18665	.0036483	.0012636	.0018392	.031576	.01861	.02255
%RSD	.7887223	4.134411	.3786475	.2817191	.3401721	.1654785	.1434292
#1	23.54554	.0887009	.3330990	.6549273	9.247602	11.24423	15.72911
#2	23.88052	.0916389	.3328974	.6514203	9.289850	11.26876	15.69499
#3	23.57034	.0843858	.3351799	.6522126	9.309375	11.23225	15.73758

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1738-01A Acquired: 4/14/2025 20:30:56 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	6.064254	.3967302	.3356905
Stddev	.007869	.0019199	.0015967
%RSD	.1297611	.4839218	.4756450
#1	6.070815	.3945134	.3339041
#2	6.055530	.3978221	.3369787
#3	6.066418	.3978550	.3361886

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3128.035	77412.78	15941.86	2113.521	3764.197
Stddev	3.523	95.64	127.16	6.120	3.435
%RSD	.1126330	.1235418	.7976790	.2895600	.0912533
#1	3131.698	77387.75	15957.18	2110.844	3763.842
#2	3127.735	77518.45	16060.67	2120.524	3767.795
#3	3124.671	77332.15	15807.73	2109.196	3760.953

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1746-02 Acquired: 4/14/2025 20:34:54 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002712	-.006704	.0231923	.0062399	.0024254	.0186220	.1903767
Stddev	.001502	.001146	.0014914	.0016062	.0024011	.0019256	.0002551
%RSD	55.40580	17.08990	6.430385	25.74019	98.99920	10.34065	.1340159
#1	-.000989	-.006019	.0244933	.0044287	-.000248	.0164230	.1906684
#2	-.003753	-.008027	.0215647	.0067996	.004398	.0194359	.1901954
#3	-.003393	-.006067	.0235189	.0074913	.003126	.0200070	.1902662

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000148	.0004403	22.92700	-.000348	.0096162	.0234209	.0088665
Stddev	.000019	.0000060	.10196	.000395	.0000787	.0002477	.0041136
%RSD	13.03064	1.361954	.4447041	113.4768	.8181029	1.057773	46.39451
#1	-.000161	.0004452	22.99785	-.000435	.0096988	.0232408	.0123253
#2	-.000157	.0004336	22.97299	-.000693	.0096077	.0233186	.0099565
#3	-.000126	.0004421	22.81014	.000083	.0095421	.0237035	.0043177

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3476248	1.446247	.0048341	-.000610	293.6313	.0009166	.1304586
Stddev	.0007862	.010518	.0001289	.000136	4.4714	.0005510	.0007897
%RSD	.2261705	.7272553	2.666431	22.27585	1.522796	60.11362	.6053002
#1	.3471668	1.443630	.0046857	-.000728	289.5303	.0009507	.1304304
#2	.3485326	1.457827	.0049179	-.000640	292.9652	.0003493	.1296835
#3	.3471749	1.437286	.0048987	-.000461	298.3984	.0014498	.1312620

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.155767	.0259404	-.000080	-.001774	-.000643	.4055697	.0120605
Stddev	.005261	.0004285	.000416	.000745	.000174	.0084666	.0002472
%RSD	.4551914	1.651999	519.5060	42.01530	27.08862	2.087586	2.049891
#1	1.150992	.0263148	.000356	-.001680	-.000574	.4124892	.0121325
#2	1.154903	.0254730	-.000473	-.001080	-.000514	.3961288	.0122638
#3	1.161407	.0260333	-.000123	-.002562	-.000841	.4080911	.0117853

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1746-02 Acquired: 4/14/2025 20:34:54 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2323246	-.005026	.0767031
Stddev	.0017515	.000508	.0002288
%RSD	.7538858	10.10706	.2983006
#1	.2303677	-.005582	.0768354
#2	.2328608	-.004907	.0764389
#3	.2337453	-.004587	.0768349

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2659.908	64633.65	13253.00	1768.648	3951.158
Stddev	8.762	122.21	95.75	6.082	10.640
%RSD	.3294238	.1890867	.7224675	.3438984	.2692785
#1	2663.801	64501.30	13156.21	1763.010	3956.715
#2	2666.049	64742.23	13255.10	1775.094	3957.869
#3	2649.873	64657.41	13347.68	1767.839	3938.891

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1746-04 Acquired: 4/14/2025 20:39:21 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000871	-.006989	.0051315	.0038715	.0016842	.0842722	.0873023
Stddev	.003501	.002975	.0008358	.0028142	.0019331	.0031409	.0006166
%RSD	401.8471	42.56924	16.28777	72.68964	114.7816	3.727124	.7062260
#1	.001393	-.006870	.0043107	.0068500	.0024852	.0832531	.0870429
#2	-.004904	-.010021	.0059816	.0035074	-.000521	.0877961	.0880061
#3	.000897	-.004075	.0051022	.0012571	.003088	.0817674	.0868578

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000050	-.000145	2.599758	.0016181	.0002056	.0099001	.1181476
Stddev	.000050	.000111	.006932	.0001841	.0000477	.0002194	.0031216
%RSD	100.5513	76.78947	.2666243	11.37834	23.21552	2.215684	2.642084
#1	-.000055	-.000238	2.604582	.0017167	.0002323	.0098033	.1197116
#2	.000003	-.000176	2.602877	.0017320	.0001505	.0097458	.1201781
#3	-.000097	-.000021	2.591815	.0014057	.0002340	.0101512	.1145532

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0507781	1.645856	.0022014	-.000438	286.0465	.0020258	.0385684
Stddev	.0003936	.006381	.0002315	.000081	1.6225	.0006519	.0005244
%RSD	.7752169	.3876737	10.51432	18.60476	.5672019	32.17914	1.359660
#1	.0505296	1.641304	.0019706	-.000466	284.4964	.0012901	.0380253
#2	.0505727	1.643116	.0024335	-.000346	287.7328	.0022557	.0390718
#3	.0512319	1.653149	.0022002	-.000501	285.9104	.0025315	.0386083

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.542602	.0355685	.0002455	-.000095	-.000241	.4509572	.0169862
Stddev	.015484	.0003709	.0001569	.000399	.000199	.0063085	.0007718
%RSD	.4370716	1.042801	63.91107	419.0754	82.66469	1.398914	4.543914
#1	3.546225	.0359123	.0003831	-.000307	-.000427	.4574233	.0168305
#2	3.525628	.0356180	.0002788	-.000343	-.000265	.4448190	.0178240
#3	3.555952	.0351754	.0000746	.000365	-.000031	.4506294	.0163041

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1746-04 Acquired: 4/14/2025 20:39:21 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.296292	-.002674	.0311079
Stddev	.006641	.000348	.0000856
%RSD	.5122756	12.99981	.2752241
#1	1.290034	-.002405	.0310756
#2	1.295583	-.003067	.0310431
#3	1.303258	-.002552	.0312049

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2639.446	64737.29	13069.76	1732.216	3971.180
Stddev	5.995	62.29	50.16	6.441	1.810
%RSD	.2271328	.0962162	.3837607	.3718337	.0455692
#1	2644.148	64800.50	13126.07	1733.619	3972.889
#2	2641.495	64735.39	13029.89	1737.841	3969.284
#3	2632.695	64675.97	13053.31	1725.190	3971.365

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1749-04 Acquired: 4/14/2025 20:43:48 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001575	-.007013	.7401223	.0057888	.0007826	.1247785	.4887302
Stddev	.001304	.001866	.0012005	.0044189	.0006480	.0027973	.0010496
%RSD	82.76040	26.61170	.1622042	76.33577	82.80264	2.241838	.2147544
#1	-.002637	-.009160	.7388189	.0063435	.0006026	.1239725	.4894611
#2	-.001969	-.005780	.7411828	.0011187	.0002437	.1224726	.4875275
#3	-.000120	-.006099	.7403651	.0099043	.0015017	.1278903	.4892021

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000707	.0012724	6.490445	-.000663	.0087666	.0582287	.3781450
Stddev	.0000456	.0000706	.010047	.000368	.0000973	.0004188	.0039885
%RSD	64.43064	5.547991	.1548006	55.55749	1.109719	.7192228	1.054746
#1	.0001042	.0011986	6.492718	-.000602	.0086644	.0583858	.3736085
#2	.0000188	.0012793	6.479456	-.001058	.0088581	.0577541	.3797252
#3	.0000892	.0013392	6.499161	-.000329	.0087774	.0585463	.3811012

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2178185	.8440260	.0052095	-.000395	358.0805	.0006319	.3584130
Stddev	.0004228	.0145646	.0003593	.000161	2.5035	.0014062	.0011851
%RSD	.1941183	1.725609	6.897858	40.79451	.6991433	222.5263	.3306504
#1	.2174286	.8608050	.0048692	-.000343	360.9509	-.000656	.3580329
#2	.2182680	.8366236	.0051741	-.000576	356.9419	.002132	.3574645
#3	.2177590	.8346492	.0055853	-.000266	356.3486	.000419	.3597415

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7856789	.0848468	-.000298	.0003418	.0013900	.6241779	.0186854
Stddev	.0310257	.0000809	.000240	.0000851	.0003429	.0143979	.0018553
%RSD	3.948908	.0952848	80.48008	24.89678	24.66926	2.306693	9.929368
#1	.7726827	.0848173	-.000382	.0004301	.0010110	.6392732	.0165475
#2	.7632646	.0847849	-.000483	.0003348	.0016788	.6226634	.0198743
#3	.8210892	.0849383	-.000027	.0002604	.0014803	.6105972	.0196344

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1749-04 Acquired: 4/14/2025 20:43:48 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6364992	-.003663	.0420685
Stddev	.0072302	.000527	.0000939
%RSD	1.135933	14.39838	.2230964
#1	.6325327	-.003489	.0421571
#2	.6321203	-.004255	.0419702
#3	.6448445	-.003244	.0420780

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2602.631	63283.19	14147.40	1701.865	3883.718
Stddev	9.433	81.36	17.81	7.426	9.658
%RSD	.3624218	.1285683	.1258637	.4363298	.2486899
#1	2612.889	63196.78	14126.88	1694.057	3894.840
#2	2600.675	63294.46	14158.77	1708.837	3878.874
#3	2594.330	63358.33	14156.54	1702.702	3877.441

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: CCV08 Acquired: 4/14/2025 20:48:13 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV08 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.809971	4.808672	4.850616	4.860363	4.866736	9.595146	9.825123
Stddev	.014069	.014313	.007706	.013416	.020167	.013575	.104085
%RSD	.2925038	.2976424	.1588659	.2760278	.4143798	.1414763	1.059376
#1	4.814429	4.807566	4.856438	4.874979	4.889745	9.581728	9.944952
#2	4.794213	4.823505	4.841877	4.848609	4.852125	9.608873	9.773235
#3	4.821272	4.794944	4.853532	4.857501	4.858339	9.594837	9.757182

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2422426	2.444913	24.08490	.9548701	2.455259	1.232014	4.750123
Stddev	.0006737	.003864	.11101	.0003799	.003828	.004320	.034392
%RSD	.2781107	.1580499	.4609139	.0397879	.1558944	.3506469	.7240140
#1	.2416382	2.446155	23.98808	.9547690	2.457528	1.236952	4.730056
#2	.2429689	2.440581	24.06056	.9545510	2.450840	1.228938	4.730479
#3	.2421207	2.448004	24.20606	.9552903	2.457410	1.230150	4.789834

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.421158	23.60275	2.439996	1.193816	24.01013	2.418098	2.388280
Stddev	.014360	.10878	.002572	.001796	.25223	.005841	.012626
%RSD	.5930983	.4608725	.1054183	.1504375	1.050535	.2415694	.5286469
#1	2.416285	23.48524	2.441158	1.194355	24.06129	2.416229	2.396282
#2	2.409869	23.62310	2.437047	1.191812	23.73624	2.413421	2.373726
#3	2.437320	23.69992	2.441782	1.195281	24.23287	2.424646	2.394833

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.80401	4.892620	4.881787	4.873786	4.835932	4.674634	4.900935
Stddev	.18825	.005001	.008219	.012316	.019138	.031505	.008262
%RSD	.7908293	.1022100	.1683679	.2527037	.3957377	.6739499	.1685854
#1	23.80463	4.888591	4.890608	4.865436	4.830387	4.642071	4.895281
#2	23.61546	4.898216	4.874343	4.867991	4.820180	4.676870	4.897106
#3	23.99195	4.891051	4.880410	4.887931	4.857231	4.704961	4.910417

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: CCV08 Acquired: 4/14/2025 20:48:13 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV08 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.887681	4.838095	4.984137
Stddev	.002215	.017147	.005853
%RSD	.0453079	.3544162	.1174394
#1	4.889191	4.844261	4.979436
#2	4.885139	4.818718	4.990693
#3	4.888713	4.851307	4.982281

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2752.340	68412.70	13136.24	1850.679	4100.365
Stddev	5.665	146.10	38.09	7.666	7.629
%RSD	.2058086	.2135576	.2899892	.4142004	.1860542
#1	2747.068	68483.95	13174.27	1849.905	4094.058
#2	2758.329	68509.51	13098.09	1858.702	4108.845
#3	2751.623	68244.65	13136.37	1843.430	4098.193

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: CCB08 Acquired: 4/14/2025 20:52:24 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB08 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0025357	-.000507	.0005442	-.000802	-.000846	-.001181	.0004368
Stddev	.0014699	.000155	.0010656	.003172	.001510	.003506	.0005657
%RSD	57.96727	30.57713	195.8101	395.3369	178.3849	297.0201	129.4924
#1	.0035299	-.000556	.0016614	-.004329	-.000570	-.004733	-.000165
#2	.0008473	-.000632	-.000461	.000103	-.002475	.002278	.000958
#3	.0032300	-.000334	.000432	.001819	.000506	-.001088	.000517

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000278	-.000021	-.003160	.0001083	-.000086	.0001265	-.002938
Stddev	.0000075	.000044	.001518	.0001263	.000221	.0003196	.001191
%RSD	27.11528	209.6359	48.02175	116.6240	258.3054	252.5443	40.53440
#1	.0000198	-.000065	-.001589	.0002534	.000143	-.000234	-.001715
#2	.0000347	.000024	-.004617	.0000229	-.000102	.000241	-.003004
#3	.0000291	-.000022	-.003275	.0000486	-.000298	.000373	-.004094

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002364	.0039872	-.000193	-.000558	-.000666	.0013749	-.000626
Stddev	.0003308	.0134727	.000245	.000489	.004634	.0011312	.000142
%RSD	139.9196	337.8969	127.1436	87.67476	695.7537	82.27197	22.60664
#1	-.000052	-.009573	.000087	-.000379	-.004334	.0000870	-.000697
#2	.000163	.017370	-.000297	-.001111	.004542	.0018304	-.000463
#3	.000598	.004165	-.000368	-.000183	-.002207	.0022074	-.000719

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.006289	.0052588	.0000849	-.000683	-.000519	.0131706	.0038200
Stddev	.025379	.0006750	.0001137	.000470	.000438	.0036433	.0029231
%RSD	403.5681	12.83593	133.8013	68.90817	84.32510	27.66234	76.52170
#1	-.016528	.0056383	-.000045	-.000398	-.000065	.0091789	.0004509
#2	-.024948	.0044795	.000135	-.000424	-.000553	.0163167	.0053266
#3	.022610	.0056587	.000165	-.001226	-.000939	.0140164	.0056826

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: CCB08 Acquired: 4/14/2025 20:52:24 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB08 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0013820	.0017337	-.000024
Stddev	.0012322	.0004150	.000075
%RSD	89.16049	23.93862	312.7553
#1	.0004536	.0015008	-.000004
#2	.0027799	.0022128	.000039
#3	.0009124	.0014873	-.000107

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2862.156	69652.52	13667.55	1925.942	4526.285
Stddev	5.634	289.73	30.96	3.518	7.748
%RSD	.1968457	.4159632	.2265052	.1826599	.1711828
#1	2867.457	69748.50	13641.26	1925.542	4535.231
#2	2856.240	69882.08	13659.73	1929.643	4521.893
#3	2862.772	69326.98	13701.67	1922.641	4521.730

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1746-05 Acquired: 4/14/2025 20:56:43 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0284783	-.003596	.1581714	.0023841	-.000347	75.45145
Stddev	.0034800	.003598	.0017246	.0035456	.002294	.16317
%RSD	12.21986	100.0502	1.090332	148.7194	660.9120	.2162612
#1	.0320166	-.007353	.1601310	.0010022	-.002268	75.27644
#2	.0250597	-.003255	.1568847	.0064125	-.000966	75.59940
#3	.0283585	-.000181	.1574986	-.000262	.002193	75.47851

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5324785	.0053890	-.000376	80.68545	.1578587	.0398858
Stddev	.0041366	.0000453	.000117	.07247	.0002653	.0000179
%RSD	.7768642	.8411409	31.16731	.0898122	.1680595	.0449506
#1	.5280804	.0054396	-.000261	80.76059	.1580593	.0398699
#2	.5362913	.0053751	-.000496	80.61599	.1575579	.0398824
#3	.5330636	.0053522	-.000371	80.67977	.1579589	.0399052

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2127280	97.23189	2.420815	30.39765	.0926892	-.004065
Stddev	.0005049	.28292	.004479	.03890	.0004424	.000287
%RSD	.2373430	.2909777	.1850097	.1279582	.4772660	7.069839
#1	.2132880	96.97370	2.415767	30.44211	.0929279	-.004357
#2	.2125882	97.53433	2.424313	30.36991	.0921788	-.004054
#3	.2123077	97.18763	2.422364	30.38093	.0929610	-.003783

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	149.6081	.1991481	.4459549	18.01223	.0794547	.0129870
Stddev	1.4493	.0011090	.0012680	.14409	.0008518	.0004800
%RSD	.9687429	.5568761	.2843446	.7999614	1.072021	3.695753
#1	148.1412	.1994963	.4444913	17.85725	.0785500	.0127824
#2	151.0392	.2000412	.4466490	18.14214	.0802412	.0126432
#3	149.6439	.1979068	.4467242	18.03731	.0795728	.0135354

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1746-05 Acquired: 4/14/2025 20:56:43 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.004069	1.034391	F 49.00616	7.261182	F 48.25829	.0996645
Stddev	.000586	.003110	.21203	.012284	.08203	.0007363
%RSD	14.38988	.3006755	.4326541	.1691688	.1699875	.7387979
#1	-.004274	1.032053	48.76210	7.248052	48.16733	.0988276
#2	-.003408	1.037921	49.14497	7.272393	48.28089	.1002130
#3	-.004524	1.033200	49.11141	7.263102	48.32666	.0999528

Elem	Sr4077
Units	ppm
Avg	.4567405
Stddev	.0024211
%RSD	.5300867
#1	.4541054
#2	.4588667
#3	.4572495

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2885.983	70743.33	14918.03	1921.348	3812.545
Stddev	3.611	43.23	33.74	10.343	5.386
%RSD	.1251380	.0611049	.2261987	.5383303	.1412679
#1	2888.221	70788.26	14893.63	1933.172	3813.278
#2	2887.911	70739.70	14956.54	1913.976	3817.526
#3	2881.817	70702.04	14903.92	1916.896	3806.829

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1746-06 Acquired: 4/14/2025 21:00:52 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1066247	-.008259	.1792577	.0046240	-.004257	154.6593
Stddev	.0012960	.002115	.0020438	.0014331	.001005	.3027
%RSD	1.215441	25.61162	1.140155	30.99361	23.60662	.1957496
#1	.1077925	-.008950	.1816173	.0061529	-.005411	154.6176
#2	.1068510	-.005884	.1781127	.0033112	-.003573	154.3796
#3	.1052304	-.009941	.1780430	.0044078	-.003787	154.9808

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2876042	.0098326	-.001839	73.92304	.4078651	.1121337
Stddev	.0008214	.0000955	.000257	.31455	.0005341	.0006808
%RSD	.2855866	.9712338	13.95664	.4255089	.1309389	.6071127
#1	.2880519	.0099287	-.001706	73.71508	.4084480	.1113487
#2	.2866563	.0097377	-.002134	73.76913	.4077482	.1124902
#3	.2881044	.0098312	-.001675	74.28491	.4073992	.1125623

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7645195	261.0223	1.513689	77.21482	.2853115	-.007315
Stddev	.0004460	.6152	.006385	.14505	.0008795	.000237
%RSD	.0583354	.2356737	.4218195	.1878539	.3082734	3.237120
#1	.7643272	260.3478	1.508891	77.09546	.2845839	-.007497
#2	.7650294	261.5524	1.511241	77.17275	.2850618	-.007047
#3	.7642020	261.1667	1.520936	77.37626	.2862889	-.007400

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	286.3135	.3955442	1.117617	72.86968	.8551068	.0453757
Stddev	1.0185	.0028605	.003239	.07191	.0037609	.0003453
%RSD	.3557421	.7231852	.2897896	.0986825	.4398204	.7609865
#1	286.3480	.3955770	1.118669	72.84398	.8534319	.0457508
#2	287.3143	.3926674	1.120199	72.95091	.8594143	.0453052
#3	285.2781	.3983881	1.113983	72.81416	.8524744	.0450711

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1746-06 Acquired: 4/14/2025 21:00:52 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.005239	4.593436	F 81.24608	12.93084	F 162.5907	.2844751
Stddev	.001315	.017029	.12565	.02936	.2813	.0000305
%RSD	25.10327	.3707205	.1546484	.2270496	.1730128	.0107292
#1	-.006200	4.582030	81.11237	12.89811	162.3305	.2844413
#2	-.003740	4.585267	81.36170	12.93952	162.5524	.2844835
#3	-.005777	4.613010	81.26417	12.95487	162.8892	.2845006

Elem	Sr4077
Units	ppm
Avg	.5518327
Stddev	.0020074
%RSD	.3637718
#1	.5503292
#2	.5510566
#3	.5541123

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2858.690	68967.68	15397.80	1853.734	3627.253
Stddev	2.540	149.34	30.09	4.660	1.659
%RSD	.0888552	.2165399	.1954494	.2513916	.0457446
#1	2855.776	68903.25	15392.69	1850.974	3625.351
#2	2860.435	68861.36	15430.13	1851.113	3628.405
#3	2859.859	69138.42	15370.59	1859.114	3628.003

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1746-06DUP Acquired: 4/14/2025 21:05:04 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1055165	-.005929	.1797321	.0053336	-.003424	155.4792
Stddev	.0011469	.001858	.0018019	.0059266	.002460	.3146
%RSD	1.086970	31.33120	1.002523	111.1201	71.83755	.2023153
#1	.1068407	-.005250	.1785883	.0059544	-.006012	155.6552
#2	.1048327	-.008031	.1818091	-.000879	-.003147	155.6663
#3	.1048762	-.004506	.1787988	.010925	-.001115	155.1160

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2869861	.0100578	.0003009	73.89705	.4076985	.1125263
Stddev	.0011865	.0000776	.0002926	.19910	.0017200	.0006096
%RSD	.4134269	.7718294	97.26425	.2694351	.4218717	.5417703
#1	.2873317	.0099939	.0005215	74.12563	.4065655	.1119715
#2	.2879614	.0101442	-.000031	73.80415	.4096777	.1124284
#3	.2856652	.0100352	.000412	73.76138	.4068524	.1131790

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7737063	253.4104	1.520437	77.66289	.2873264	-.008576
Stddev	.0011021	.9636	.003240	.31802	.0013866	.000427
%RSD	.1424393	.3802699	.2131044	.4094834	.4825810	4.983263
#1	.7739572	252.4868	1.524069	78.02877	.2870039	-.008184
#2	.7725004	254.4096	1.519396	77.50701	.2861294	-.009032
#3	.7746612	253.3348	1.517845	77.45289	.2888458	-.008513

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	279.8352	.3976042	1.119985	70.74420	.8384030	.0456942
Stddev	5.6997	.0003210	.004532	.64139	.0026737	.0005921
%RSD	2.036789	.0807315	.4046704	.9066311	.3189003	1.295836
#1	273.3066	.3979668	1.124299	70.09279	.8369815	.0460256
#2	283.8200	.3974894	1.120394	71.37507	.8414871	.0450105
#3	282.3791	.3973564	1.115262	70.76475	.8367404	.0460463

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1746-06DUP Acquired: 4/14/2025 21:05:04 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003125	4.606227	F 79.07972	12.93888	F 164.0507	.2837283
Stddev	.001079	.008039	.38882	.02128	.5718	.0011225
%RSD	34.53826	.1745209	.4916793	.1644897	.3485541	.3956369
#1	-.004371	4.610847	78.65549	12.91813	163.8277	.2832448
#2	-.002510	4.610889	79.41912	12.93785	163.6239	.2850116
#3	-.002493	4.596944	79.16454	12.96065	164.7003	.2829285

Elem	Sr4077
Units	ppm
Avg	.5514862
Stddev	.0010530
%RSD	.1909404
#1	.5504995
#2	.5525949
#3	.5513642

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2841.428	69552.08	15007.39	1860.170	3603.215
Stddev	3.739	249.91	51.06	9.708	2.611
%RSD	.1315793	.3593109	.3402523	.5218859	.0724764
#1	2843.867	69792.21	14949.13	1850.464	3605.773
#2	2837.124	69293.43	15044.37	1860.165	3600.553
#3	2843.294	69570.62	15028.68	1869.880	3603.320

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1746-06LX5 Acquired: 4/14/2025 21:09:17 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0238354	-.001843	.0389573	.0004488	-.003531	33.77016
Stddev	.0015457	.002353	.0003480	.0013786	.002603	.08125
%RSD	6.484755	127.7213	.8933318	307.1861	73.72933	.2405880
#1	.0225564	-.003000	.0386580	-.001123	-.006201	33.86196
#2	.0255530	-.003393	.0393392	.001018	-.001000	33.70752
#3	.0233969	.000865	.0388747	.001451	-.003393	33.74101

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0647954	.0023640	-.002014	17.03746	.0916352	.0225908
Stddev	.0007548	.0000486	.000043	.05325	.0003339	.0000676
%RSD	1.164873	2.054403	2.156196	.3125526	.3643882	.2992521
#1	.0644515	.0024199	-.002041	17.04937	.0913189	.0226605
#2	.0642738	.0023328	-.001964	16.97926	.0916025	.0225866
#3	.0656609	.0023391	-.002038	17.08375	.0919843	.0225255

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1811246	56.01169	.3509860	17.32764	.0584383	-.002663
Stddev	.0006932	.07539	.0024088	.12692	.0000697	.000363
%RSD	.3827134	.1346003	.6862906	.7324915	.1193224	13.63097
#1	.1808269	55.96788	.3522023	17.42501	.0584013	-.003075
#2	.1819168	55.96845	.3482115	17.18409	.0583948	-.002391
#3	.1806299	56.09874	.3525440	17.37382	.0585187	-.002523

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	59.19226	.0901974	.2475831	14.45436	.2174924	.0098897
Stddev	.28199	.0008013	.0005508	.03365	.0010909	.0001284
%RSD	.4763992	.8883996	.2224493	.2327898	.5015571	1.297813
#1	59.13748	.0894323	.2469525	14.49282	.2178069	.0097453
#2	59.49763	.0910306	.2478272	14.43991	.2162788	.0099328
#3	58.94168	.0901294	.2479696	14.43035	.2183914	.0099909

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1746-06LX5 Acquired: 4/14/2025 21:09:17 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002377	1.035419	F 16.86427	2.582742	F 32.67543	.0649257
Stddev	.000551	.002224	.03386	.010706	.14019	.0003881
%RSD	23.19563	.2148184	.2007923	.4145189	.4290422	.5977732
#1	-.001787	1.036308	16.83637	2.595013	32.75542	.0644986
#2	-.002879	1.032888	16.85450	2.575305	32.75732	.0650216
#3	-.002464	1.037062	16.90195	2.577909	32.51355	.0652568

Elem	Sr4077
Units	ppm
Avg	.1219029
Stddev	.0003829
%RSD	.3140678
#1	.1223222
#2	.1215718
#3	.1218148

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2874.839	68553.64	14156.22	1878.618	4168.770
Stddev	9.493	116.05	45.20	4.736	18.742
%RSD	.3302086	.1692818	.3193061	.2521173	.4495744
#1	2866.881	68562.32	14115.80	1876.457	4150.770
#2	2872.290	68433.49	14205.03	1884.050	4167.363
#3	2885.346	68665.10	14147.84	1875.348	4188.175

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1746-06MS Acquired: 4/14/2025 21:13:27 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7913822	1.658658	1.101922	1.589394	.6488981	189.8737
Stddev	.0025187	.005927	.003817	.004254	.0033489	.9204
%RSD	.3182621	.3573364	.3463761	.2676462	.5160946	.4847695
#1	.7938742	1.656331	1.101729	1.584486	.6458687	190.2520
#2	.7888376	1.665396	1.105831	1.592018	.6483315	188.8244
#3	.7914347	1.654248	1.098205	1.591679	.6524942	190.5447

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4931775	.1637218	.1871659	75.83054	.7966997	.3313567
Stddev	.0021232	.0000164	.0010845	.20510	.0026886	.0005288
%RSD	.4305130	.0099849	.5794551	.2704726	.3374702	.1595861
#1	.4908665	.1637047	.1876833	75.70678	.7951505	.3315214
#2	.4936242	.1637236	.1878948	75.71755	.7951443	.3317836
#3	.4950418	.1637372	.1859195	76.06729	.7998042	.3307652

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.239950	335.6314	2.049711	93.20315	.8062192	.0443870
Stddev	.001680	3.0138	.011211	.21354	.0016948	.0007782
%RSD	.1354680	.8979447	.5469610	.2291158	.2102162	1.753200
#1	1.241197	333.3920	2.039428	92.97316	.8051931	.0439542
#2	1.240613	334.4443	2.048041	93.24115	.8081754	.0439213
#3	1.238040	339.0580	2.061663	93.39515	.8052891	.0452853

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	288.1939	.6890883	1.452881	82.16261	1.013436	.3856460
Stddev	1.2987	.0024287	.005457	.69540	.008048	.0008099
%RSD	.4506376	.3524511	.3755786	.8463742	.7941536	.2100158
#1	286.6982	.6890440	1.447264	81.47398	1.005646	.3848704
#2	288.8488	.6866821	1.453219	82.14926	1.012944	.3864863
#3	289.0349	.6915389	1.458161	82.86460	1.021719	.3855813

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1746-06MS Acquired: 4/14/2025 21:13:27 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6407233	6.287822	F 94.35393	F 20.13159	F 221.3902	.5498434
Stddev	.0038347	.008473	.60152	.07469	.5907	.0035422
%RSD	.5984906	.1347603	.6375163	.3710291	.2668128	.6442151
#1	.6427309	6.278094	93.77171	20.06406	221.4128	.5458817
#2	.6431374	6.291775	94.31703	20.21182	221.9692	.5509436
#3	.6363017	6.293596	94.97305	20.11888	220.7885	.5527049

Elem	Sr4077
Units	ppm
Avg	.7303602
Stddev	.0022787
%RSD	.3119989
#1	.7279271
#2	.7307094
#3	.7324442

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2854.284	70196.70	14827.68	1925.812	3537.333
Stddev	7.296	289.29	8.43	11.139	7.662
%RSD	.2556304	.4121093	.0568333	.5784047	.2166081
#1	2846.797	70420.98	14820.66	1937.909	3528.558
#2	2861.374	70298.94	14825.34	1923.549	3540.742
#3	2854.682	69870.17	14837.03	1915.978	3542.698

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1746-06MSD Acquired: 4/14/2025 21:17:38 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8230138	1.804736	1.085146	1.770967	.7206136	124.5842
Stddev	.0059831	.006154	.001415	.002547	.0012119	.2165
%RSD	.7269793	.3409818	.1303668	.1437926	.1681707	.1737620
#1	.8250205	1.810216	1.084048	1.773437	.7212222	124.3573
#2	.8162853	1.805915	1.084647	1.771113	.7214007	124.6067
#3	.8277357	1.798078	1.086742	1.768351	.7192181	124.7885

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3742681	.1796246	.1949954	47.09345	.6724085	.2859226
Stddev	.0005090	.0006120	.0006542	.01924	.0163513	.0002904
%RSD	.1359999	.3407183	.3355011	.0408539	2.431752	.1015693
#1	.3745569	.1789241	.1955594	47.11511	.6628125	.2856721
#2	.3745670	.1798937	.1951488	47.08692	.6631246	.2862409
#3	.3736803	.1800559	.1942782	47.07833	.6912886	.2858547

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9588680	218.8714	1.406156	61.23679	.7000128	.0519524
Stddev	.0014225	3.7951	.005605	.13571	.0009631	.0004182
%RSD	.1483490	1.733929	.3985687	.2216165	.1375860	.8049130
#1	.9592958	216.8303	1.412620	61.13687	.7002862	.0514703
#2	.9600275	216.5338	1.403183	61.18222	.6989425	.0521706
#3	.9572808	223.2503	1.402664	61.39130	.7008097	.0522164

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	166.3833	.5483930	1.035169	52.00733	.7115035	.4015814
Stddev	2.5088	.0013584	.021308	.83937	.0080069	.0009805
%RSD	1.507866	.2477053	2.058424	1.613941	1.125354	.2441542
#1	164.8703	.5495314	1.023866	51.43127	.7066166	.4004500
#2	165.0002	.5468893	1.021894	51.62033	.7071499	.4021833
#3	169.2793	.5487582	1.059747	52.97038	.7207440	.4021109

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1746-06MSD Acquired: 4/14/2025 21:17:38 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6792957	4.218167	F 61.17822	14.53316	F 140.4901	.4290690
Stddev	.0019407	.001703	1.13610	.03594	.1852	.0003418
%RSD	.2856903	.0403761	1.857035	.2473024	.1318117	.0796620
#1	.6772253	4.217254	60.50028	14.56660	140.7021	.4287973
#2	.6795884	4.217114	60.54454	14.53774	140.4077	.4289568
#3	.6810734	4.220131	62.48982	14.49516	140.3603	.4294527

Elem	Sr4077
Units	ppm
Avg	.5171674
Stddev	.0003974
%RSD	.0768498
#1	.5176261
#2	.5169523
#3	.5169239

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2806.152	69023.95	14152.04	1870.849	3748.462
Stddev	8.437	1395.58	44.75	40.857	6.567
%RSD	.3006611	2.021874	.3161910	2.183894	.1751789
#1	2814.756	69928.81	14183.06	1893.569	3755.101
#2	2805.806	69726.32	14172.30	1895.296	3748.314
#3	2797.893	67416.73	14100.74	1823.681	3741.971

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1746-06A Acquired: 4/14/2025 21:21:39 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7771546	1.788204	1.018046	1.747223	.7280908	100.4846
Stddev	.0055295	.011093	.000413	.011930	.0036653	.0527
%RSD	.7115010	.6203473	.0405191	.6827827	.5034197	.0524910
#1	.7708616	1.798207	1.017933	1.735991	.7244137	100.5071
#2	.7812358	1.776273	1.018504	1.745933	.7317443	100.4243
#3	.7793664	1.790131	1.017703	1.759746	.7281144	100.5224

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3545431	.1747935	.1947969	54.99409	.6012278	.2522590
Stddev	.0003242	.0004894	.0003510	.07743	.0022503	.0003497
%RSD	.0914465	.2799651	.1801763	.1407900	.3742846	.1386207
#1	.3545645	.1753088	.1945042	54.95313	.6034503	.2526333
#2	.3542087	.1743350	.1947006	54.94575	.5989507	.2519407
#3	.3548560	.1747368	.1951860	55.08340	.6012824	.2522030

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7132582	145.6816	1.124999	53.51885	.6377787	.0583635
Stddev	.0032864	.2212	.002264	.11909	.0015962	.0001900
%RSD	.4607575	.1518493	.2012122	.2225204	.2502793	.3255430
#1	.7096225	145.4585	1.124318	53.40866	.6377157	.0582406
#2	.7141343	145.6854	1.123155	53.50269	.6362150	.0585823
#3	.7160177	145.9009	1.127526	53.64519	.6394056	.0582676

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	201.2335	.5181260	.9039945	57.90760	.9093811	.3977763
Stddev	1.8417	.0018812	.0008307	.03642	.0010727	.0018302
%RSD	.9151984	.3630677	.0918899	.0628878	.1179617	.4601018
#1	203.1432	.5200220	.9040606	57.88459	.9105954	.3961414
#2	201.0889	.5180959	.9031328	57.94958	.9089856	.3974341
#3	199.4683	.5162601	.9047902	57.88863	.9085623	.3997535

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1746-06A Acquired: 4/14/2025 21:21:39 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6789435	2.920596	F 51.61466	14.67323	F 91.93340	.3436087
Stddev	.0004776	.000989	.10138	.00960	.22906	.0007664
%RSD	.0703404	.0338551	.1964076	.0654128	.2491583	.2230328
#1	.6790812	2.920969	51.55417	14.67478	91.84336	.3427496
#2	.6793371	2.921345	51.55811	14.66295	91.76305	.3442219
#3	.6784122	2.919475	51.73170	14.68196	92.19380	.3438545

Elem	Sr4077
Units	ppm
Avg	.5783442
Stddev	.0012240
%RSD	.2116409
#1	.5791230
#2	.5789763
#3	.5769334

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2795.661	68058.12	14136.25	1836.005	3737.502
Stddev	15.357	172.59	34.77	1.412	12.813
%RSD	.5493004	.2535919	.2459349	.0769025	.3428212
#1	2812.212	67996.73	14112.31	1837.629	3749.098
#2	2792.894	68253.01	14176.13	1835.069	3739.661
#3	2781.875	67924.61	14120.31	1835.317	3723.746

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1746-07 Acquired: 4/14/2025 21:25:48 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001206	-.005954	.0003218	.0003874	-.000236	.0098727	-.001026
Stddev	.001277	.000593	.0023208	.0021747	.001411	.0039549	.000693
%RSD	105.8076	9.963130	721.0736	561.3655	597.3843	40.05916	67.56807
#1	-.000603	-.005434	-.001452	-.001787	-.001820	.0063248	-.001561
#2	-.002673	-.005828	.002948	.002563	.000887	.0141367	-.001274
#3	-.000344	-.006600	-.000531	.000386	.000224	.0091563	-.000243

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000185	-.000184	.0268366	-.000322	-.000332	.0007139	.0084299
Stddev	.000077	.000052	.0062967	.000160	.000155	.0001116	.0022320
%RSD	41.47645	28.21226	23.46323	49.84384	46.83222	15.63585	26.47696
#1	-.000114	-.000140	.0316355	-.000370	-.000448	.0006256	.0104979
#2	-.000176	-.000241	.0291676	-.000452	-.000392	.0008394	.0060639
#3	-.000266	-.000170	.0197067	-.000143	-.000155	.0006766	.0087279

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0069254	.0194363	-.000469	-.000373	-.156195	-.000137	.0012575
Stddev	.0001142	.0123541	.000085	.000099	.012139	.000948	.0000841
%RSD	1.649360	63.56212	18.12750	26.47408	7.771792	690.9283	6.690961
#1	.0069942	.0264777	-.000384	-.000352	-.167107	.000793	.0012069
#2	.0069884	.0266598	-.000468	-.000287	-.143119	-.001102	.0012109
#3	.0067935	.0051714	-.000554	-.000481	-.158358	-.000103	.0013546

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.151892	.0003316	-.000056	-.000564	-.000051	.0180142	.0075757
Stddev	.038473	.0001880	.000232	.001304	.000322	.0047501	.0025551
%RSD	25.32919	56.69499	411.3027	231.0789	625.2419	26.36841	33.72735
#1	-.191073	.0001219	-.000216	.000475	-.000056	.0142979	.0055873
#2	-.150435	.0004850	.000210	-.000140	-.000371	.0163790	.0104576
#3	-.114168	.0003879	-.000163	-.002027	.000273	.0233659	.0066823

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1746-07 Acquired: 4/14/2025 21:25:48 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0355142	-.003573	-.000033
Stddev	.0027308	.000146	.000012
%RSD	7.689322	4.092078	36.73624
#1	.0328077	-.003458	-.000047
#2	.0354660	-.003523	-.000024
#3	.0382687	-.003737	-.000028

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2814.238	69326.29	13929.74	1850.212	4557.139
Stddev	8.821	134.94	49.47	8.714	8.046
%RSD	.3134443	.1946425	.3551215	.4709732	.1765688
#1	2816.439	69439.45	13923.28	1854.525	4556.478
#2	2821.751	69362.46	13982.12	1840.182	4565.495
#3	2804.525	69176.95	13883.82	1855.928	4549.443

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1771-01 Acquired: 4/14/2025 21:30:08 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0618805	.0018637	1.708485	.0010782	.0035766	103.0125	1.011183
Stddev	.0008820	.0026752	.001332	.0026340	.0024071	.1731	.004667
%RSD	1.425392	143.5421	.0779637	244.2923	67.29974	.1680040	.4614934
#1	.0618965	.0043825	1.707006	.0040197	.0048764	103.0282	1.015916
#2	.0609906	.0021530	1.709589	.0002770	.0007991	103.1771	1.011046
#3	.0627545	-.000944	1.708859	-.001062	.0050543	102.8321	1.006586

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0077210	.0015705	82.17585	.2170584	.2217009	.7483010	227.3803
Stddev	.0000762	.0004371	.22093	.0010055	.0001923	.0037865	1.8129
%RSD	.9870404	27.83415	.2688524	.4632510	.0867558	.5060168	.7972886
#1	.0077186	.0011297	82.35920	.2176808	.2215895	.7439438	229.4463
#2	.0076460	.0015779	82.23780	.2175961	.2215902	.7501655	226.6395
#3	.0077984	.0020039	81.93056	.2158984	.2219230	.7507937	226.0552

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.534615	38.77142	.3203347	-.005217	7.893452	.3397298	1.650970
Stddev	.012621	.09164	.0001659	.000920	.096332	.0022757	.003033
%RSD	.4979448	.2363494	.0517839	17.63068	1.220410	.6698510	.1837345
#1	2.546637	38.70386	.3204706	-.004471	8.004349	.3415847	1.653386
#2	2.535740	38.87573	.3203836	-.004935	7.830499	.3404142	1.647566
#3	2.521470	38.73468	.3201498	-.006244	7.845507	.3371904	1.651959

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.75780	.0086642	.0066103	.1912633	3.319459	8.264523	6.708689
Stddev	.07209	.0041966	.0002716	.0015708	.011488	.051591	.007863
%RSD	.6701158	48.43578	4.108447	.8212495	.3460880	.6242504	.1172017
#1	10.84070	.0132795	.0065149	.1905839	3.328740	8.319539	6.704741
#2	10.70984	.0050779	.0063993	.1901466	3.323026	8.256805	6.703583
#3	10.72285	.0076351	.0069167	.1930594	3.306610	8.217226	6.717743

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1771-01 Acquired: 4/14/2025 21:30:08 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.694101	.2405570	.4575383
Stddev	.016145	.0012840	.0025398
%RSD	.2835382	.5337394	.5550955
#1	5.680503	.2418692	.4597888
#2	5.711944	.2404985	.4580416
#3	5.689855	.2393033	.4547846

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2929.476	72297.38	15683.71	1971.562	3887.025
Stddev	8.448	246.79	25.81	6.713	10.572
%RSD	.2883691	.3413560	.1645458	.3404797	.2719768
#1	2938.216	72018.29	15712.45	1972.223	3894.216
#2	2928.856	72486.79	15662.52	1977.920	3891.972
#3	2921.355	72387.06	15676.15	1964.544	3874.886

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1771-05 Acquired: 4/14/2025 21:34:11 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0583665	-.043463	2.367047	.0024102	.0258996	150.7694	.7840794
Stddev	.0038409	.003866	.002152	.0055190	.0023231	.2751	.0020458
%RSD	6.580677	8.893908	.0909306	228.9808	8.969443	.1824520	.2609132
#1	.0577448	-.046775	2.367221	.0072991	.0283109	150.7169	.7844672
#2	.0548744	-.044399	2.369107	.0035060	.0236763	150.5243	.7859035
#3	.0624803	-.039216	2.364813	-.003574	.0257116	151.0669	.7818675

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0075671	.0044593	139.9078	.2507645	.3028617	1.438185	377.3544
Stddev	.0000354	.0004760	.3341	.0015610	.0005281	.001692	1.9493
%RSD	.4676796	10.67443	.2387652	.6225020	.1743678	.1176491	.5165734
#1	.0076080	.0046615	139.5281	.2489620	.3030075	1.436949	375.9070
#2	.0075457	.0039155	140.1566	.2516535	.3033016	1.440114	379.5710
#3	.0075478	.0048008	140.0386	.2516778	.3022760	1.437493	376.5853

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.364104	161.3528	.5970991	-.008440	38.08033	.6671572	3.453220
Stddev	.012504	.5881	.0007657	.000587	.20855	.0030384	.015380
%RSD	.2330974	.3644677	.1282421	6.951475	.5476560	.4554225	.4453750
#1	5.351201	160.6961	.5969388	-.008762	37.99048	.6636558	3.435467
#2	5.376165	161.5317	.5979323	-.007762	38.31874	.6691008	3.462507
#3	5.364945	161.8307	.5964263	-.008794	37.93176	.6687149	3.461685

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.615801	-.220707	.0041084	.1172835	19.23736	5.010124	6.625072
Stddev	.065043	.008224	.0001661	.0016869	.01305	.027705	.018744
%RSD	.6764208	3.726052	4.042838	1.438293	.0678538	.5529745	.2829324
#1	9.590217	-.219606	.0042870	.1154086	19.22244	4.989932	6.629475
#2	9.689747	-.213089	.0040797	.1177634	19.24294	5.041709	6.604518
#3	9.567440	-.229426	.0039585	.1186783	19.24669	4.998732	6.641223

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1771-05 Acquired: 4/14/2025 21:34:11 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.520197	.2663146	.6303842
Stddev	.014281	.0010849	.0010479
%RSD	.4056781	.4073689	.1662315
#1	3.530984	.2655818	.6301128
#2	3.504002	.2675609	.6315411
#3	3.525604	.2658011	.6294986

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2964.422	72451.64	15349.09	1965.637	3658.983
Stddev	4.137	351.39	62.80	16.568	3.898
%RSD	.1395663	.4850054	.4091263	.8428960	.1065294
#1	2967.218	72842.97	15410.01	1984.243	3662.925
#2	2959.669	72163.10	15352.68	1952.478	3655.131
#3	2966.379	72348.85	15284.57	1960.189	3658.893

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: CCV09 Acquired: 4/14/2025 21:38:16 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV09 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.765360	4.828431	4.842652	4.800686	4.823701	9.518328	9.607728
Stddev	.003910	.040031	.009320	.011872	.016798	.024971	.132091
%RSD	.0820547	.8290738	.1924665	.2473052	.3482356	.2623488	1.374838
#1	4.761448	4.854183	4.832455	4.798490	4.815779	9.533904	9.696838
#2	4.765366	4.848799	4.844770	4.790065	4.812328	9.531556	9.670376
#3	4.769268	4.782312	4.850732	4.813503	4.842994	9.489526	9.455970

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2461386	2.434094	23.90796	.9725987	2.441303	1.223169	4.833292
Stddev	.0014813	.004473	.12586	.0030241	.003619	.002435	.021734
%RSD	.6018252	.1837749	.5264385	.3109339	.1482310	.1990698	.4496663
#1	.2473099	2.429826	24.01349	.9691086	2.438625	1.222037	4.814710
#2	.2466324	2.438747	23.94174	.9742453	2.445420	1.221506	4.827975
#3	.2444734	2.433708	23.76866	.9744422	2.439864	1.225963	4.857190

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.400362	23.60352	2.426888	1.215906	25.74984	2.397057	2.412243
Stddev	.012996	.13092	.002221	.000865	.05361	.009124	.006340
%RSD	.5414328	.5546459	.0915120	.0711136	.2082085	.3806181	.2628313
#1	2.411000	23.71312	2.424754	1.216285	25.69729	2.398389	2.416221
#2	2.404209	23.63889	2.429187	1.216517	25.80446	2.405441	2.415576
#3	2.385876	23.45856	2.426725	1.214917	25.74777	2.387340	2.404931

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.44747	4.906809	4.877590	4.861934	4.776317	4.858539	4.908939
Stddev	.04546	.039243	.006414	.009406	.017456	.039146	.019749
%RSD	.1786232	.7997713	.1315022	.1934703	.3654684	.8057205	.4023091
#1	25.39639	4.937403	4.872046	4.854802	4.789841	4.814139	4.907227
#2	25.46257	4.920460	4.876110	4.872594	4.782498	4.873398	4.929488
#3	25.48345	4.862563	4.884615	4.858404	4.756612	4.888081	4.890101

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: CCV09 Acquired: 4/14/2025 21:38:16 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV09 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.840260	4.740826	4.869940
Stddev	.004694	.010215	.036847
%RSD	.0969858	.2154743	.7566268
#1	4.842021	4.750075	4.891219
#2	4.843820	4.742543	4.827393
#3	4.834940	4.729862	4.891209

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2756.870	66009.21	12959.82	1811.027	4117.542
Stddev	3.420	207.37	74.26	.565	4.062
%RSD	.1240359	.3141505	.5730359	.0311786	.0986566
#1	2757.255	66221.70	12919.38	1811.679	4116.383
#2	2760.081	65807.37	12914.55	1810.712	4114.185
#3	2753.274	65998.57	13045.53	1810.690	4122.058

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: CCB09 Acquired: 4/14/2025 21:42:28 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB09 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0017841	-.001765	.0000656	-.000084	.0009262	-.001080
Stddev	.0014845	.000338	.0007240	.003445	.0007096	.004307
%RSD	83.20505	19.12865	1103.864	4097.088	76.61496	398.9861
#1	.0034830	-.001532	-.000135	-.000848	.0015777	.000442
#2	.0007374	-.002153	-.000537	.003679	.0010309	-.005941
#3	.0011319	-.001611	.000869	-.003083	.0001701	.002261

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000393	-.000032	-.000116	-.008304	.0002238	.0000206
Stddev	.000844	.000068	.000051	.005841	.0001338	.0002339
%RSD	214.7391	210.6937	44.15412	70.34158	59.77327	1137.290
#1	-.000239	-.000092	-.000060	-.015040	.0003097	.0001521
#2	.000363	.000042	-.000125	-.005237	.0000697	-.000249
#3	-.001303	-.000048	-.000161	-.004635	.0002921	.000159

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000217	.0001267	.0007958	.0202636	-.000297	-.000518
Stddev	.0003078	.0030947	.0000875	.0151978	.000090	.000186
%RSD	1421.866	2441.635	11.00047	75.00042	30.44710	35.94828
#1	.0003752	.0035086	.0008331	.0376585	-.000318	-.000499
#2	-.000124	-.002564	.0006958	.0095574	-.000198	-.000342
#3	-.000186	-.000565	.0008585	.0135749	-.000375	-.000713

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0318534	.0011834	-.000411	-.017162	.0052713	-.000024
Stddev	.0053711	.0005024	.000229	.010738	.0009047	.000341
%RSD	16.86191	42.45821	55.69474	62.57018	17.16312	1397.196
#1	.0267978	.0017181	-.000404	-.006804	.0063055	-.000389
#2	.0312699	.0007210	-.000186	-.016437	.0048815	.000287
#3	.0374924	.0011110	-.000644	-.028244	.0046267	.000028

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: CCB09 Acquired: 4/14/2025 21:42:28 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB09 Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000449	.0001537	.0139272	.0034526	F .0102412	.0001145
Stddev	.000430	.0008881	.0037554	.0029455	.0008869	.0010354
%RSD	95.62470	577.7296	26.96449	85.31424	8.660248	903.9056
#1	-.000553	.0011791	.0161782	.0000517	.0109666	-.000976
#2	-.000817	-.000374	.0095919	.0051087	.0105046	.001084
#3	.000023	-.000344	.0160114	.0051973	.0092524	.000236

Elem	Sr4077
Units	ppm
Avg	-.000075
Stddev	.000017
%RSD	22.58199
#1	-.000091
#2	-.000075
#3	-.000058

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2833.209	68761.24	14040.61	1877.156	4502.575
Stddev	1.900	90.36	43.61	5.329	4.614
%RSD	.0670725	.1314066	.3106154	.2839104	.1024817
#1	2835.345	68687.72	13994.95	1878.635	4506.648
#2	2831.707	68862.12	14081.84	1881.589	4503.515
#3	2832.574	68733.89	14045.03	1871.243	4497.564

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1771-09 Acquired: 4/14/2025 21:46:48 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0282766	.0032710	.1299552	-.002194	-.004975	85.54787	.3107724
Stddev	.0040363	.0022682	.0010038	.002269	.002443	.15358	.0019169
%RSD	14.27429	69.34102	.7724394	103.4268	49.10082	.1795260	.6168195
#1	.0242587	.0058682	.1291029	-.004412	-.002693	85.39682	.3087985
#2	.0323310	.0016801	.1310617	.000123	-.007552	85.70386	.3126267
#3	.0282401	.0022647	.1297009	-.002292	-.004679	85.54295	.3108920

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0065700	.0014732	8.048050	.1251362	.0687200	.1394327	152.4339
Stddev	.0000316	.0001319	.012876	.0006909	.0002007	.0003984	.2049
%RSD	.4802446	8.950160	.1599836	.5521231	.2920876	.2857450	.1344174
#1	.0066063	.0014495	8.033482	.1254485	.0686626	.1391205	152.4414
#2	.0065550	.0013548	8.057905	.1256159	.0685542	.1392961	152.6350
#3	.0065488	.0016153	8.052764	.1243443	.0689431	.1398814	152.2254

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.570175	22.02133	.1262929	-.007001	1.108849	.1874191	.2790276
Stddev	.006604	.00801	.0008747	.000094	.010880	.0017672	.0019207
%RSD	.4205701	.0363662	.6926288	1.337515	.9811823	.9428958	.6883535
#1	1.565177	22.02931	.1268210	-.007049	1.097010	.1889172	.2812432
#2	1.577661	22.01329	.1252832	-.006893	1.118408	.1854702	.2780066
#3	1.567686	22.02138	.1267745	-.007062	1.111129	.1878699	.2778330

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.25866	-.159524	.0026953	.0018573	2.026019	9.937855	5.192545
Stddev	.06517	.000524	.0002205	.0006957	.008794	.010917	.018233
%RSD	.6352479	.3282265	8.179373	37.45866	.4340498	.1098553	.3511415
#1	10.19311	-.159237	.0029210	.0025127	2.018628	9.925259	5.174103
#2	10.32344	-.159208	.0026843	.0011273	2.035745	9.944598	5.192968
#3	10.25943	-.160129	.0024805	.0019318	2.023685	9.943707	5.210562

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1771-09 Acquired: 4/14/2025 21:46:48 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1916398	.1565080	.0659171
Stddev	.0017417	.0010132	.0003136
%RSD	.9088345	.6473764	.4758041
#1	.1910075	.1565218	.0656196
#2	.1903025	.1575143	.0662447
#3	.1936093	.1554880	.0658868

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3307.378	80552.63	16046.99	2180.760	4104.298
Stddev	6.708	245.38	3.32	21.197	10.912
%RSD	.2028223	.3046169	.0207023	.9719839	.2658739
#1	3312.234	80282.11	16043.17	2157.069	4111.372
#2	3310.177	80614.95	16048.61	2187.281	4109.791
#3	3299.724	80760.84	16049.18	2197.930	4091.731

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1771-09DUP Acquired: 4/14/2025 21:50:55 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0270636	.0030754	.1254064	.0009807	-.006035	84.79812	.3252276
Stddev	.0028242	.0010427	.0011337	.0021546	.001299	.07779	.0002659
%RSD	10.43527	33.90580	.9039999	219.6911	21.52246	.0917347	.0817700
#1	.0265395	.0020329	.1266078	.0018199	-.006187	84.83203	.3250941
#2	.0301131	.0041184	.1243555	-.001467	-.007251	84.70914	.3250549
#3	.0245382	.0030748	.1252560	.002589	-.004667	84.85321	.3255339

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0063139	-.001611	8.179893	.1224325	.0674647	.1360233	162.8849
Stddev	.0000236	.000046	.031684	.0006804	.0000288	.0003865	.6660
%RSD	.3733829	2.860976	.3873349	.5557048	.0426772	.2841351	.4088720
#1	.0063029	-.001567	8.194595	.1230514	.0674861	.1364414	163.1898
#2	.0062977	-.001607	8.143529	.1217040	.0674761	.1359494	162.1211
#3	.0063409	-.001659	8.201555	.1225422	.0674320	.1356791	163.3439

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.587563	21.95958	.1241816	-.005454	1.225789	.1898338	.2778996
Stddev	.005423	.06802	.0007217	.000245	.008549	.0005313	.0016599
%RSD	.3415946	.3097495	.5811858	4.493760	.6973886	.2798958	.5972852
#1	1.593302	21.94428	.1237527	-.005736	1.230335	.1898585	.2793019
#2	1.582524	21.90051	.1250149	-.005322	1.215928	.1892906	.2783300
#3	1.586862	22.03394	.1237773	-.005302	1.231104	.1903524	.2760670

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.12204	-.096798	.0027475	.0003120	2.067428	10.45966	5.286217
Stddev	.03500	.003474	.0003894	.0018479	.007860	.02335	.005269
%RSD	.3147181	3.588585	14.17152	592.2427	.3801973	.2231996	.0996750
#1	11.13784	-.096808	.0031926	.0016103	2.073154	10.45069	5.291345
#2	11.08192	-.100267	.0024696	-.001804	2.058466	10.44213	5.280817
#3	11.14635	-.093320	.0025803	.001129	2.070664	10.48616	5.286488

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1771-09DUP Acquired: 4/14/2025 21:50:55 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1848843	.1627284	.0684850
Stddev	.0010602	.0003679	.0002001
%RSD	.5734445	.2260905	.2921943
#1	.1840852	.1627503	.0687157
#2	.1844807	.1623500	.0683582
#3	.1860870	.1630848	.0683811

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3324.666	80620.49	16914.29	2233.193	4143.217
Stddev	4.867	69.12	28.75	.323	7.238
%RSD	.1463814	.0857390	.1699611	.0144415	.1746930
#1	3320.206	80542.08	16886.80	2233.556	4134.896
#2	3329.857	80646.72	16911.93	2233.084	4146.698
#3	3323.935	80672.65	16944.15	2232.939	4148.057

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1771-09LX5 Acquired: 4/14/2025 21:55:03 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0097227	.0015611	.0290658	-.002441	-.000379	19.69735	.0779728
Stddev	.0013892	.0007899	.0006004	.001655	.000244	.03084	.0006758
%RSD	14.28811	50.59809	2.065739	67.79916	64.52515	.1565919	.8667082
#1	.0103252	.0024534	.0296878	-.001964	-.000250	19.73256	.0785864
#2	.0107090	.0012782	.0284896	-.004281	-.000661	19.67511	.0780836
#3	.0081340	.0009516	.0290199	-.001077	-.000226	19.68437	.0772485

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0015135	-.001794	1.903509	.0289297	.0137094	.0335278	38.92784
Stddev	.0000269	.000070	.000586	.0002175	.0000743	.0002085	.17034
%RSD	1.775585	3.901565	.0307772	.7517371	.5415690	.6219319	.4375753
#1	.0015264	-.001814	1.903296	.0286914	.0137514	.0336351	39.05230
#2	.0014826	-.001852	1.903059	.0289801	.0136237	.0336608	38.99750
#3	.0015316	-.001716	1.904171	.0291175	.0137532	.0332875	38.73371

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3834485	5.112693	.0246576	-.001882	.2901566	.0450391	.0642255
Stddev	.0013060	.017805	.0003449	.000398	.0057019	.0013884	.0005665
%RSD	.3406048	.3482464	1.398767	21.13806	1.965098	3.082555	.8821113
#1	.3848896	5.133135	.0246619	-.001515	.2878554	.0453410	.0648797
#2	.3823430	5.100576	.0243105	-.002305	.2966495	.0462516	.0638990
#3	.3831131	5.104368	.0250003	-.001827	.2859650	.0435246	.0638979

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.521842	-.020044	.0003341	-.000432	.4871837	2.448375	1.052162
Stddev	.036258	.000408	.0002689	.000197	.0013433	.008879	.004780
%RSD	1.437741	2.033542	80.49035	45.62795	.2757248	.3626504	.4543300
#1	2.502583	-.020005	.0002561	-.000264	.4884268	2.458354	1.046847
#2	2.563666	-.019657	.0001128	-.000649	.4857587	2.445422	1.053530
#3	2.499279	-.020469	.0006333	-.000383	.4873656	2.441349	1.056110

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1771-09LX5 Acquired: 4/14/2025 21:55:03 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0404715	.0370786	.0162222
Stddev	.0027597	.0002671	.0000446
%RSD	6.818902	.7203310	.2750791
#1	.0431003	.0369830	.0162526
#2	.0375972	.0368724	.0161709
#3	.0407170	.0373803	.0162429

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2988.035	72666.03	15313.89	2020.383	4420.564
Stddev	4.354	128.36	37.80	6.339	4.780
%RSD	.1457124	.1766374	.2468566	.3137658	.1081217
#1	2984.184	72543.99	15311.36	2014.786	4417.336
#2	2992.760	72654.22	15352.89	2027.267	4426.055
#3	2987.163	72799.89	15277.41	2019.095	4418.300

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1771-09MS Acquired: 4/14/2025 21:59:19 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6225133	1.764191	1.012645	1.445261	.6000122	85.63089	.4526589
Stddev	.0035067	.007035	.003977	.003108	.0033162	.14525	.0012494
%RSD	.5633204	.3987938	.3927415	.2150691	.5526831	.1696202	.2760104
#1	.6185846	1.756090	1.008799	1.445216	.5973355	85.46975	.4525896
#2	.6253269	1.767711	1.012394	1.442175	.6037219	85.67119	.4539414
#3	.6236285	1.768772	1.016742	1.448391	.5989790	85.75174	.4514455

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1574859	.1857133	8.719559	.4257396	.2474107	.3576305	152.3486
Stddev	.0004889	.0003410	.020442	.0013418	.0010514	.0003003	.6906
%RSD	.3104123	.1835941	.2344368	.3151608	.4249646	.0839817	.4533254
#1	.1570868	.1854568	8.697143	.4270805	.2484699	.3574223	153.1404
#2	.1580312	.1855827	8.724362	.4257413	.2463673	.3574944	151.8703
#3	.1573396	.1861002	8.737171	.4243970	.2473947	.3579748	152.0352

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.692713	23.28734	.5694077	.0495411	3.157699	.4030595	.4219411
Stddev	.004591	.05703	.0010048	.0002914	.028225	.0014358	.0008570
%RSD	.2711958	.2448778	.1764678	.5881312	.8938496	.3562182	.2031092
#1	1.690569	23.24275	.5690672	.0496342	3.185773	.4014745	.4221384
#2	1.697983	23.26767	.5686174	.0497745	3.157997	.4034307	.4210027
#3	1.689587	23.35159	.5705385	.0492146	3.129325	.4042732	.4226824

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.43224	.0628242	.3145754	.6360764	2.149917	10.30202	10.42511
Stddev	.10478	.0044551	.0005631	.0002753	.001076	.03714	.01156
%RSD	.6010494	7.091399	.1790156	.0432729	.0500571	.3605168	.1109192
#1	17.54539	.0677236	.3144939	.6362101	2.148875	10.32149	10.43818
#2	17.41275	.0590162	.3140576	.6362592	2.151024	10.25920	10.41623
#3	17.33858	.0617329	.3151749	.6357598	2.149851	10.32538	10.42091

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1771-09MS Acquired: 4/14/2025 21:59:19 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1754117	.3103947	.2165164
Stddev	.0009637	.0005565	.0003679
%RSD	.5494157	.1792922	.1698980
#1	.1763635	.3109980	.2163481
#2	.1744365	.3102847	.2169383
#3	.1754349	.3099014	.2162627

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3326.435	79873.79	15816.52	2191.275	4143.746
Stddev	6.740	164.70	48.05	8.630	4.624
%RSD	.2026106	.2062050	.3038024	.3938272	.1115923
#1	3332.677	79686.01	15865.60	2181.380	4142.966
#2	3327.339	79993.80	15769.57	2195.200	4148.711
#3	3319.289	79941.55	15814.37	2197.244	4139.562

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1771-09MSD Acquired: 4/14/2025 22:03:19 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6286399	1.785432	1.015362	1.457856	.6117300	85.34733	.4570721
Stddev	.0018556	.005092	.001617	.003392	.0020598	.10752	.0017968
%RSD	.2951749	.2852199	.1592625	.2326972	.3367198	.1259751	.3931015
#1	.6265840	1.783003	1.013993	1.453975	.6106116	85.37232	.4589683
#2	.6291454	1.791284	1.017146	1.460261	.6104713	85.22952	.4568533
#3	.6301904	1.782010	1.014947	1.459330	.6141071	85.44016	.4553948

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1506459	.1847531	8.739014	.4284703	.2471313	.3561578	158.9362
Stddev	.0002570	.0006819	.015784	.0024009	.0001172	.0004485	.8227
%RSD	.1705732	.3691039	.1806174	.5603516	.0474217	.1259338	.5176545
#1	.1506346	.1849104	8.752375	.4279552	.2470096	.3566647	159.2356
#2	.1503948	.1840063	8.743068	.4310870	.2471407	.3559962	159.5673
#3	.1509084	.1853427	8.721597	.4263687	.2472434	.3558124	158.0057

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.673621	23.21437	.5686451	.0515200	3.318200	.4065816	.4251106
Stddev	.005837	.03778	.0002152	.0002562	.045304	.0013641	.0028135
%RSD	.3487357	.1627475	.0378352	.4972116	1.365304	.3355021	.6618178
#1	1.679422	23.23391	.5686333	.0517042	3.334789	.4073161	.4268649
#2	1.673692	23.17082	.5684361	.0516283	3.352870	.4050076	.4266015
#3	1.667749	23.23839	.5688659	.0512275	3.266940	.4074209	.4218655

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.38160	.0873980	.3229637	.6432668	2.156062	10.83827	10.38037
Stddev	.12343	.0048535	.0006462	.0010020	.005128	.03406	.00409
%RSD	.6715139	5.553384	.2000818	.1557660	.2378383	.3142563	.0394021
#1	18.48298	.0890097	.3222585	.6440282	2.158048	10.84538	10.38004
#2	18.41766	.0912406	.3231054	.6421317	2.159901	10.86822	10.38461
#3	18.24415	.0819436	.3235273	.6436406	2.150238	10.80122	10.37645

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1771-09MSD Acquired: 4/14/2025 22:03:19 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1679701	.3136992	.2195151
Stddev	.0023441	.0008861	.0005604
%RSD	1.395543	.2824729	.2552874
#1	.1696103	.3146916	.2201526
#2	.1690147	.3134187	.2192927
#3	.1652853	.3129873	.2191001

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3305.159	78978.49	16475.12	2149.758	4151.681
Stddev	4.937	315.89	47.48	5.418	2.001
%RSD	.1493681	.3999737	.2882037	.2520448	.0481885
#1	3309.947	79136.82	16524.59	2150.186	4152.330
#2	3300.086	78614.74	16470.85	2144.138	4149.436
#3	3305.443	79183.90	16429.92	2154.949	4153.276

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1771-09A Acquired: 4/14/2025 22:07:20 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6387896	1.803341	1.024466	1.478230	.5921733	85.43215	.4695395
Stddev	.0054062	.006136	.001948	.004875	.0025570	.05870	.0016237
%RSD	.8463114	.3402337	.1901630	.3298089	.4318059	.0687142	.3458008
#1	.6342252	1.797423	1.023182	1.472682	.5892796	85.49959	.4689923
#2	.6373840	1.802926	1.023508	1.480174	.5931120	85.40438	.4713661
#3	.6447598	1.809673	1.026707	1.481833	.5941283	85.39250	.4682601

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1450164	.1859479	8.735155	.4305205	.2496604	.3569333	166.1354
Stddev	.0010080	.0005137	.026991	.0001935	.0007267	.0015168	.5654
%RSD	.6950790	.2762586	.3089922	.0449376	.2910710	.4249480	.3403330
#1	.1460420	.1855965	8.766270	.4305257	.2488238	.3562183	165.5191
#2	.1449802	.1857098	8.718046	.4303244	.2500222	.3559061	166.6301
#3	.1440270	.1865375	8.721150	.4307113	.2501351	.3586754	166.2571

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.690310	23.08104	.5756237	.0531832	3.558576	.4087219	.4255707
Stddev	.007142	.11269	.0014504	.0002472	.031780	.0004531	.0011566
%RSD	.4225318	.4882381	.2519730	.4648307	.8930507	.1108670	.2717760
#1	1.695269	23.21115	.5747386	.0530142	3.522251	.4083747	.4262429
#2	1.693537	23.01433	.5748350	.0530685	3.572230	.4085564	.4242352
#3	1.682123	23.01764	.5772976	.0534669	3.581247	.4092345	.4262340

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.31363	.1112066	.3121794	.6291274	2.169402	11.26590	10.33800
Stddev	.12659	.0021875	.0005776	.0014934	.006682	.06199	.01833
%RSD	.6554238	1.967056	.1850064	.2373712	.3080096	.5502042	.1772922
#1	19.16827	.1091602	.3119607	.6280484	2.171745	11.20024	10.32226
#2	19.37301	.1109475	.3117432	.6285020	2.174597	11.32341	10.33362
#3	19.39960	.1135121	.3128344	.6308318	2.161864	11.27406	10.35812

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1771-09A Acquired: 4/14/2025 22:07:20 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1661751	.3163041	.2239085
Stddev	.0059907	.0014018	.0004775
%RSD	3.605053	.4431924	.2132591
#1	.1730914	.3150242	.2241408
#2	.1626092	.3178023	.2242254
#3	.1628246	.3160857	.2233593

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3312.520	79338.50	17275.02	2163.490	4139.902
Stddev	12.082	129.05	123.48	7.247	12.740
%RSD	.3647336	.1626546	.7148113	.3349498	.3077440
#1	3321.384	79257.09	17132.62	2159.862	4153.013
#2	3317.417	79487.29	17339.95	2171.834	4139.124
#3	3298.758	79271.13	17352.50	2158.775	4127.568

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1769-08 Acquired: 4/14/2025 22:11:22 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000369	-.003489	.0006180	.0011269	.0017408	.0545865	-.002127
Stddev	.000930	.001204	.0009968	.0023880	.0029710	.0021448	.000414
%RSD	252.2624	34.50205	161.3041	211.9050	170.6664	3.929227	19.45015
#1	-.001437	-.002272	-.000077	.0021845	.0024736	.0525920	-.001729
#2	.000070	-.004679	.000171	.0028034	-.001528	.0543121	-.002095
#3	.000261	-.003516	.001760	-.001607	.004277	.0568553	-.002555

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000215	-.000265	.0147911	.0002877	-.000359	.0004912	.0610209
Stddev	.000019	.000031	.0056018	.0001484	.000093	.0002079	.0021241
%RSD	8.985711	11.90503	37.87249	51.59165	25.97967	42.31422	3.480894
#1	-.000207	-.000239	.0211595	.0004503	-.000263	.0006030	.0593214
#2	-.000201	-.000300	.0125880	.0002532	-.000449	.0002514	.0603392
#3	-.000237	-.000255	.0106258	.0001596	-.000363	.0006193	.0634022

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000940	.0191161	.0005889	-.000445	-.170721	.0015850	.0346791
Stddev	.000235	.0010440	.0004267	.000191	.010966	.0018862	.0003749
%RSD	25.01920	5.461186	72.46033	42.89907	6.423613	119.0058	1.081081
#1	-.001211	.0202517	.0003925	-.000587	-.162448	.0024471	.0350797
#2	-.000825	.0188984	.0002958	-.000228	-.183160	.0028861	.0343367
#3	-.000785	.0181981	.0010784	-.000519	-.166554	-.000578	.0346208

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.149098	-.000675	-.000077	-.000343	.0000263	.0672368	.0089973
Stddev	.020136	.000225	.000225	.000376	.0003345	.0087491	.0033817
%RSD	13.50525	33.27761	291.7744	109.5178	1272.830	13.01241	37.58569
#1	-.167763	-.000653	-.000020	.000028	.0004073	.0772903	.0109907
#2	-.127758	-.000910	.000114	-.000333	-.000109	.0613482	.0109084
#3	-.151773	-.000463	-.000325	-.000723	-.000219	.0630720	.0050927

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1769-08 Acquired: 4/14/2025 22:11:22 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0136907	-.002980	.0000489
Stddev	.0034831	.000357	.0000226
%RSD	25.44147	11.98522	46.31971
#1	.0158807	-.002790	.0000665
#2	.0096742	-.002758	.0000233
#3	.0155171	-.003392	.0000568

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2872.806	69910.58	14329.53	1881.843	4666.342
Stddev	5.822	151.74	16.11	6.697	17.480
%RSD	.2026751	.2170506	.1124372	.3558604	.3746024
#1	2866.317	69876.79	14313.04	1880.120	4659.504
#2	2877.573	69778.58	14330.31	1876.175	4686.208
#3	2874.529	70076.37	14345.24	1889.232	4653.315

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1752-01 Acquired: 4/14/2025 22:15:42 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0248730	-.000256	.0635782	-.004391	-.008039	60.68142	.6075226
Stddev	.0021062	.002405	.0015056	.005354	.000959	.11436	.0002512
%RSD	8.467692	939.1563	2.368038	121.9314	11.93016	.1884609	.0413504
#1	.0225471	-.002335	.0636078	-.009858	-.009035	60.55101	.6075994
#2	.0266514	-.000811	.0620581	-.004156	-.007121	60.72867	.6072420
#3	.0254205	.002378	.0650687	.000842	-.007961	60.76459	.6077265

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0064063	.0023296	64.21366	.0625867	.0934804	.2119414	234.7313
Stddev	.0000136	.0005288	.14475	.0001337	.0001987	.0004401	1.1876
%RSD	.2119112	22.70051	.2254237	.2135417	.2126024	.2076397	.5059388
#1	.0064002	.0017490	64.09510	.0626208	.0934260	.2114946	236.1023
#2	.0063969	.0024562	64.37497	.0627000	.0933145	.2123744	234.0199
#3	.0064219	.0027836	64.17089	.0624393	.0937006	.2119553	234.0718

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.191352	38.27711	.0836038	-.013158	1.854414	.1194014	.4139495
Stddev	.009539	.12528	.0001113	.000201	.018323	.0005979	.0006159
%RSD	.1837530	.3273011	.1331588	1.526948	.9880600	.5007461	.1487965
#1	5.193566	38.13705	.0835438	-.013055	1.875559	.1194819	.4146014
#2	5.199590	38.37849	.0835354	-.013029	1.843218	.1187673	.4138698
#3	5.180900	38.31578	.0837323	-.013389	1.844464	.1199549	.4133772

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	22.47881	-.292664	.0092439	-.011427	5.543421	3.063528	8.108884
Stddev	.14052	.004154	.0002081	.000936	.003742	.017508	.043277
%RSD	.6251165	1.419334	2.251084	8.187131	.0675005	.5715061	.5337000
#1	22.63727	-.287896	.0092920	-.010861	5.546046	3.083507	8.093421
#2	22.36936	-.295496	.0090160	-.010913	5.545080	3.050862	8.075462
#3	22.42980	-.294600	.0094238	-.012507	5.539136	3.056215	8.157768

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1752-01 Acquired: 4/14/2025 22:15:42 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	21.31131	.1820275	.0829599
Stddev	.06622	.0006054	.0003177
%RSD	.3107235	.3326047	.3829044
#1	21.28799	.1826131	.0833110
#2	21.25991	.1814040	.0828760
#3	21.38604	.1820654	.0826926

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3184.185	78925.41	15349.90	2151.071	3916.754
Stddev	1.905	165.88	67.03	4.896	5.797
%RSD	.0598232	.2101709	.4366496	.2276067	.1479946
#1	3185.620	78789.36	15425.91	2153.422	3922.968
#2	3182.024	79110.20	15299.29	2145.443	3915.801
#3	3184.910	78876.67	15324.50	2154.349	3911.493

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1752-03 Acquired: 4/14/2025 22:19:48 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0594499	-.006179	.5929066	.0014236	-.009305	104.8336	.9341700
Stddev	.0021130	.001672	.0035385	.0039543	.001122	.5716	.0052769
%RSD	3.554179	27.06176	.5968005	277.7650	12.05883	.5452579	.5648799
#1	.0576743	-.004560	.5891190	-.001754	-.008012	104.5683	.9298366
#2	.0588885	-.007900	.5934732	.005852	-.010021	104.4430	.9326269
#3	.0617868	-.006077	.5961275	.000173	-.009882	105.4897	.9400465

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0116087	.0028949	21.81996	.2534824	.1355789	.6303547	267.9502
Stddev	.0000937	.0002526	.10521	.0001795	.0002864	.0008230	.4218
%RSD	.8072907	8.727047	.4821755	.0708233	.2112176	.1305540	.1573990
#1	.0116158	.0026106	21.71090	.2532927	.1355430	.6303851	268.0089
#2	.0115116	.0029806	21.82811	.2535047	.1353122	.6295170	267.5022
#3	.0116986	.0030937	21.92085	.2536497	.1358815	.6311621	268.3396

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.810424	58.39926	.2790086	-.010689	1.196557	.3284300	.9173524
Stddev	.024550	.31101	.0004099	.000387	.007469	.0006660	.0025851
%RSD	.5103484	.5325586	.1469002	3.618573	.6241954	.2027681	.2817977
#1	4.785194	58.10562	.2785445	-.010677	1.188487	.3278349	.9182888
#2	4.811845	58.36703	.2791600	-.010308	1.203226	.3283057	.9193387
#3	4.834232	58.72513	.2793211	-.011082	1.197959	.3291493	.9144296

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	27.49526	-.178099	.0012039	.0097545	5.904885	5.311112	8.670878
Stddev	.08755	.006396	.0002361	.0013367	.026635	.023155	.010146
%RSD	.3184276	3.591359	19.61516	13.70321	.4510621	.4359732	.1170147
#1	27.57096	-.170767	.0014306	.0083828	5.881981	5.334573	8.664966
#2	27.39938	-.182535	.0012219	.0110531	5.898563	5.288276	8.665075
#3	27.51543	-.180995	.0009593	.0098276	5.934112	5.310488	8.682594

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1752-03 Acquired: 4/14/2025 22:19:48 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4352877	.3183581	.1192116
Stddev	.0016349	.0013668	.0006100
%RSD	.3755974	.4293328	.5116773
#1	.4364590	.3174920	.1187733
#2	.4359844	.3176484	.1189532
#3	.4334199	.3199338	.1199082

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3284.487	79961.80	16676.63	2188.800	3956.636
Stddev	9.405	171.97	81.24	8.600	8.445
%RSD	.2863412	.2150687	.4871780	.3928940	.2134412
#1	3292.704	79877.72	16754.16	2178.887	3966.081
#2	3286.526	80159.64	16683.61	2194.259	3954.012
#3	3274.229	79848.06	16592.12	2193.253	3949.813

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1752-05 Acquired: 4/14/2025 22:23:53 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0461072	.0096968	.1790632	-.004714	-.009664	104.4254	.8594698
Stddev	.0005424	.0029419	.0013304	.004594	.002036	.1048	.0032285
%RSD	1.176351	30.33862	.7429567	97.45465	21.06775	.1003864	.3756373
#1	.0467053	.0124751	.1784632	-.005003	-.008800	104.4026	.8560220
#2	.0456472	.0066149	.1781385	.000018	-.011990	104.5397	.8624216
#3	.0459691	.0100005	.1805879	-.009156	-.008203	104.3338	.8599657

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0123367	.0013152	19.09382	.2332434	.1391380	.3587583	260.2846
Stddev	.0001442	.0003965	.02297	.0005842	.0008961	.0013764	1.3581
%RSD	1.169065	30.14744	.1203047	.2504868	.6440679	.3836643	.5217755
#1	.0123590	.0014762	19.09805	.2330407	.1381277	.3588376	258.7300
#2	.0121827	.0008635	19.11438	.2327875	.1394492	.3573440	261.2403
#3	.0124685	.0016058	19.06903	.2339020	.1398370	.3600934	260.8835

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.489757	59.91985	.3110859	-.011823	1.293636	.2674864	.6181757
Stddev	.014819	.08978	.0014507	.000493	.006504	.0004675	.0013311
%RSD	.2283391	.1498368	.4663458	4.171536	.5028075	.1747685	.2153190
#1	6.477061	60.01760	.3097698	-.012352	1.292050	.2676680	.6193723
#2	6.506040	59.84107	.3108463	-.011741	1.300787	.2669554	.6184127
#3	6.486171	59.90089	.3126415	-.011376	1.288071	.2678359	.6167421

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	22.50106	-.208218	.0017366	-.000225	3.262732	3.034708	6.140609
Stddev	.11951	.008095	.0002342	.001400	.010424	.001189	.009403
%RSD	.5311147	3.887687	13.48330	622.0148	.3194781	.0391708	.1531290
#1	22.36490	-.217362	.0014662	-.000802	3.257358	3.033650	6.141020
#2	22.58855	-.205326	.0018683	.001372	3.274745	3.034479	6.131007
#3	22.54974	-.201967	.0018752	-.001245	3.256091	3.035994	6.149800

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1752-05 Acquired: 4/14/2025 22:23:53 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0186412	.3535326	.1245513
Stddev	.0037274	.0026381	.0005022
%RSD	19.99537	.7462210	.4031776
#1	.0229343	.3525627	.1241315
#2	.0167600	.3565184	.1251076
#3	.0162293	.3515167	.1244147

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3245.936	78336.39	16151.78	2124.872	3976.750
Stddev	8.001	199.27	32.32	3.708	14.052
%RSD	.2464875	.2543768	.2001212	.1744915	.3533485
#1	3253.123	78529.91	16118.36	2128.773	3990.274
#2	3247.370	78347.43	16182.89	2121.394	3977.753
#3	3237.315	78131.83	16154.10	2124.450	3962.224

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: CCV10 Acquired: 4/14/2025 22:28:00 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV10 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.832151	4.899929	4.868382	4.878142	4.876278	9.553704	9.666422
Stddev	.005475	.017447	.019015	.025836	.017662	.020639	.090288
%RSD	.1133073	.3560683	.3905770	.5296379	.3621938	.2160328	.9340392
#1	4.826846	4.883278	4.867309	4.851080	4.858999	9.537819	9.770034
#2	4.837781	4.918076	4.849927	4.880798	4.875537	9.577032	9.624630
#3	4.831824	4.898434	4.887911	4.902548	4.894299	9.546262	9.604601

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2433406	2.448303	23.84570	.9771533	2.452846	1.232302	4.884234
Stddev	.0012595	.005598	.02890	.0031036	.006745	.004361	.009359
%RSD	.5176087	.2286637	.1212133	.3176119	.2749786	.3538710	.1916108
#1	.2426116	2.448223	23.81262	.9795412	2.451753	1.228985	4.892642
#2	.2447950	2.442746	23.86605	.9782736	2.446715	1.230679	4.874151
#3	.2426153	2.453941	23.85844	.9736452	2.460071	1.237241	4.885909

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.382521	23.64280	2.438274	1.221226	24.01037	2.396969	2.428445
Stddev	.006649	.05339	.006895	.000599	.11382	.006180	.006987
%RSD	.2790784	.2258265	.2827680	.0490642	.4740478	.2578408	.2877176
#1	2.378734	23.58145	2.438239	1.220960	24.02029	2.395817	2.420994
#2	2.378629	23.67873	2.431397	1.221912	23.89192	2.391446	2.434851
#3	2.390198	23.66823	2.445186	1.220806	24.11891	2.403644	2.429489

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.39691	4.854064	4.920228	4.895711	4.771564	4.853942	4.885769
Stddev	.02442	.021130	.018078	.013020	.009325	.002696	.013259
%RSD	.1000934	.4353068	.3674195	.2659417	.1954338	.0555348	.2713838
#1	24.40539	4.831704	4.905894	4.897149	4.762515	4.852703	4.880274
#2	24.36938	4.873700	4.914252	4.882032	4.771036	4.852089	4.876141
#3	24.41596	4.856788	4.940537	4.907953	4.781143	4.857035	4.900892

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: CCV10 Acquired: 4/14/2025 22:28:00 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV10 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.866179	4.721860	4.885621
Stddev	.011874	.017553	.013275
%RSD	.2440055	.3717307	.2717183
#1	4.870285	4.707805	4.900817
#2	4.852798	4.716242	4.876283
#3	4.875455	4.741534	4.879761

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2741.038	65747.14	13112.40	1783.112	4106.573
Stddev	8.997	240.52	73.88	6.087	7.831
%RSD	.3282400	.3658217	.5634554	.3413675	.1906897
#1	2747.898	65675.66	13150.97	1778.833	4109.462
#2	2744.365	65550.46	13027.22	1780.423	4112.549
#3	2730.851	66015.29	13159.02	1790.081	4097.708

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: CCB10 Acquired: 4/14/2025 22:32:10 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB10 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0019772	-.000026	.0005613	-.000530	.0004469	.0011490	-.001384
Stddev	.0010229	.001193	.0012179	.003567	.0019839	.0008671	.000922
%RSD	51.73363	4597.445	216.9720	673.5161	443.9410	75.46657	66.60017
#1	.0028842	-.001261	.0019677	-.004085	.0019639	.0015293	-.000653
#2	.0021790	.000065	-.000144	.003048	-.001798	.0017611	-.002420
#3	.0008685	.001119	-.000140	-.000552	.001175	.0001567	-.001080

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000106	-.000132	-.001939	-.000159	-.000128	.0000536	.0032169
Stddev	.0000275	.000032	.004619	.000268	.000128	.0003337	.0034584
%RSD	259.3243	24.56280	238.2198	168.6824	99.87244	622.1290	107.5059
#1	.0000098	-.000111	-.006571	-.000238	-.000006	.0003964	.0041237
#2	-.000016	-.000169	-.001912	.000140	-.000116	.0000346	.0061316
#3	.000039	-.000115	.002666	-.000377	-.000261	-.000270	-.000605

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005497	.0115057	-.000125	-.000224	-.050086	.0005780	-.000383
Stddev	.0004250	.0094002	.000061	.000170	.008973	.0013529	.000151
%RSD	77.32958	81.70089	48.84745	76.19637	17.91568	234.0761	39.37029
#1	.0003954	.0184643	-.000195	-.000029	-.041546	-.000579	-.000267
#2	.0010303	.0008120	-.000083	-.000345	-.059437	.002065	-.000553
#3	.0002232	.0152408	-.000096	-.000296	-.049274	.000248	-.000328

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.015974	.0051306	-.000143	-.000016	-.000338	.0143974	.0027382
Stddev	.004241	.0002685	.000367	.001247	.000433	.0044602	.0001600
%RSD	26.54708	5.233609	255.8186	7704.247	127.9047	30.97931	5.843149
#1	-.016308	.0053526	-.000357	-.000559	-.000833	.0175140	.0027217
#2	-.011577	.0048322	.000280	.001410	-.000156	.0092882	.0025872
#3	-.020038	.0052071	-.000353	-.000900	-.000026	.0163899	.0029059

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: CCB10 Acquired: 4/14/2025 22:32:10 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB10 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0021047	-.000670	-.000078
Stddev	.0023950	.000750	.000017
%RSD	113.7953	112.0135	21.24089
#1	.0015009	-.001157	-.000097
#2	.0047437	-.001047	-.000072
#3	.0000693	.000194	-.000066

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2805.285	67749.37	13091.37	1855.331	4449.182
Stddev	5.089	198.13	22.39	4.554	11.525
%RSD	.1814014	.2924392	.1710618	.2454789	.2590332
#1	2809.233	67843.57	13101.57	1857.907	4457.974
#2	2807.079	67882.82	13065.69	1850.072	4453.437
#3	2799.542	67521.72	13106.85	1858.014	4436.134

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1752-07 Acquired: 4/14/2025 22:36:31 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0628865	.0094547	.2308584	.0022632	-.012500	117.2883	1.167381
Stddev	.0026222	.0021577	.0011078	.0067593	.002664	.1131	.002569
%RSD	4.169718	22.82146	.4798639	298.6662	21.31451	.0964451	.2200555
#1	.0652868	.0107121	.2298676	.0098013	-.011434	117.3881	1.167292
#2	.0632848	.0069633	.2306531	-.003258	-.010533	117.1654	1.164858
#3	.0600880	.0106889	.2320545	.000247	-.015532	117.3113	1.169993

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0147541	.0053324	24.47305	.2810235	.1858370	.6225114	321.7083
Stddev	.0001083	.0004054	.02274	.0008784	.0008299	.0013523	1.4089
%RSD	.7342390	7.601755	.0929134	.3125652	.4465934	.2172396	.4379403
#1	.0147884	.0049196	24.48336	.2820315	.1850866	.6210504	322.0447
#2	.0146328	.0053477	24.48881	.2804221	.1856960	.6227644	322.9186
#3	.0148412	.0057299	24.44698	.2806168	.1867284	.6237193	320.1617

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.11354	69.45086	.3903747	-.012466	1.745191	.3328409	.6910284
Stddev	.00785	.03048	.0011041	.000230	.010772	.0011592	.0020215
%RSD	.0706518	.0438909	.2828256	1.842367	.6172242	.3482775	.2925369
#1	11.10476	69.43386	.3903478	-.012355	1.736443	.3315726	.6924285
#2	11.11596	69.43267	.3892843	-.012312	1.757222	.3331043	.6887108
#3	11.11989	69.48605	.3914919	-.012730	1.741907	.3338457	.6919458

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	28.57179	-.189278	.0023653	-.000905	4.276762	2.902669	8.583096
Stddev	.06253	.008827	.0002658	.000660	.003304	.014220	.047304
%RSD	.2188473	4.663691	11.23941	72.97991	.0772587	.4899028	.5511314
#1	28.59616	-.185436	.0024683	-.001331	4.277779	2.908492	8.540802
#2	28.61846	-.183022	.0020633	-.001239	4.273069	2.913054	8.574309
#3	28.50074	-.199375	.0025641	-.000144	4.279438	2.886462	8.634178

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1752-07 Acquired: 4/14/2025 22:36:31 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0149211	.4185566	.1521771
Stddev	.0007718	.0014991	.0002763
%RSD	5.172546	.3581535	.1815453
#1	.0152420	.4175652	.1521085
#2	.0140406	.4178236	.1519415
#3	.0154806	.4202812	.1524812

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3445.088	84009.85	17760.12	2310.295	3903.776
Stddev	1.688	132.22	36.77	9.953	2.741
%RSD	.0489951	.1573895	.2070157	.4308196	.0702212
#1	3443.146	83954.24	17769.58	2315.764	3901.544
#2	3446.194	83914.51	17791.24	2298.806	3906.836
#3	3445.926	84160.79	17719.55	2316.314	3902.949

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: CCV11 Acquired: 4/14/2025 22:40:35 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV11 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.801447	4.868814	4.846705	4.850158	4.846623	9.488575	9.832116
Stddev	.028388	.035197	.017665	.033216	.028801	.003090	.106482
%RSD	.5912284	.7229078	.3644693	.6848421	.5942513	.0325696	1.083004
#1	4.789941	4.835965	4.832486	4.827592	4.832422	9.485039	9.949056
#2	4.780619	4.864513	4.841148	4.834583	4.827681	9.490756	9.740748
#3	4.833781	4.905964	4.866480	4.888300	4.879767	9.489931	9.806543

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2406105	2.453422	24.13629	.9582528	2.461496	1.233110	4.934821
Stddev	.0008079	.007181	.03086	.0030553	.007162	.005484	.014391
%RSD	.3357563	.2926943	.1278369	.3188390	.2909496	.4447442	.2916310
#1	.2396794	2.449925	24.16620	.9549493	2.457139	1.229813	4.951435
#2	.2411249	2.448659	24.10457	.9588322	2.457587	1.230077	4.926219
#3	.2410272	2.461682	24.13811	.9609769	2.469761	1.239441	4.926808

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.424011	23.49527	2.442224	1.209089	25.68438	2.402649	2.398582
Stddev	.007959	.05353	.007831	.000896	.15313	.008776	.004181
%RSD	.3283555	.2278179	.3206481	.0741180	.5961828	.3652754	.1743290
#1	2.433157	23.46195	2.438357	1.208523	25.85943	2.412684	2.403267
#2	2.418652	23.46684	2.437080	1.208622	25.61847	2.398862	2.397251
#3	2.420226	23.55701	2.451237	1.210122	25.57525	2.396403	2.395228

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.17356	4.824848	4.852226	4.898287	4.811666	4.788308	5.014163
Stddev	.07630	.015619	.025402	.017255	.012168	.008381	.032941
%RSD	.3031143	.3237250	.5235135	.3522748	.2528851	.1750205	.6569512
#1	25.26008	4.807035	4.837007	4.885823	4.825042	4.786500	4.982205
#2	25.14470	4.831303	4.838120	4.891057	4.801254	4.780979	5.012277
#3	25.11589	4.836205	4.881551	4.917981	4.808700	4.797445	5.048006

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: CCV11 Acquired: 4/14/2025 22:40:35 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV11 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.973354	4.775492	4.907778
Stddev	.020404	.014421	.029730
%RSD	.4102746	.3019720	.6057746
#1	4.973562	4.790066	4.875976
#2	4.952846	4.775181	4.912484
#3	4.993653	4.761230	4.934875

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2743.878	66928.71	13269.11	1849.862	4061.272
Stddev	12.910	86.33	17.84	6.185	12.959
%RSD	.4705183	.1289863	.1344796	.3343310	.3190888
#1	2747.880	66887.25	13280.45	1843.037	4063.109
#2	2754.315	67027.94	13278.33	1855.096	4073.214
#3	2729.441	66870.92	13248.54	1851.452	4047.492

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: CCB11 Acquired: 4/14/2025 22:44:47 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB11 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0037228	-.000382	.0003771	-.004208	.0004884	.0008770	.0008307
Stddev	.0009536	.000500	.0009273	.001866	.0013156	.0041822	.0008399
%RSD	25.61478	130.8398	245.8551	44.33856	269.3928	476.8505	101.1119
#1	.0026268	.000194	.0013857	-.003178	.0014931	.0044501	.0012339
#2	.0043625	-.000706	.0001842	-.003084	.0009727	-.003723	-.000135
#3	.0041789	-.000635	-.000438	-.006361	-.001001	.001904	.001393

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000002	-.000063	-.004386	-.000357	.0000363	.0002354	.0013959
Stddev	.000080	.000054	.002808	.000055	.0002634	.0002526	.0074498
%RSD	5032.781	85.33850	64.01480	15.52573	724.9012	107.3381	533.6785
#1	.000083	-.000092	-.001161	-.000299	.0001628	.0002781	-.004940
#2	-.000076	-.000001	-.005709	-.000364	.0002127	-.000036	.009603
#3	-.000012	-.000097	-.006288	-.000409	-.000266	.000464	-.000475

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004375	.0055519	-.000007	-.000271	-.053879	.0002791	-.000518
Stddev	.0002571	.0123826	.000217	.000100	.009832	.0007209	.000227
%RSD	58.77345	223.0326	3257.403	36.78345	18.24753	258.2303	43.89653
#1	.0006546	.0185319	.000227	-.000156	-.049748	.0010779	-.000403
#2	.0001535	-.006131	-.000200	-.000323	-.046787	-.000323	-.000779
#3	.0005043	.004255	-.000047	-.000334	-.065102	.000082	-.000371

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.027060	.0063454	-.000029	-.000357	-.000878	.0174138	.0040973
Stddev	.018261	.0002066	.000180	.000432	.000321	.0038770	.0005791
%RSD	67.48402	3.255490	618.0455	121.0621	36.52775	22.26402	14.13319
#1	-.046547	.0064186	.000133	-.000782	-.001248	.0159410	.0042562
#2	-.024293	.0065055	.000003	.000082	-.000709	.0144890	.0034554
#3	-.010340	.0061122	-.000222	-.000370	-.000677	.0218115	.0045804

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: CCB11 Acquired: 4/14/2025 22:44:47 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB11 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0021135	-.000277	.0000158
Stddev	.0036735	.000956	.0000327
%RSD	173.8160	345.7059	206.5048
#1	.0033420	-.000232	.0000057
#2	.0050153	-.001254	-.000011
#3	-.002017	.000657	.000052

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2903.532	71820.39	13717.05	1937.941	4661.367
Stddev	5.484	49.57	26.28	5.883	7.627
%RSD	.1888801	.0690160	.1915577	.3035582	.1636186
#1	2908.429	71776.49	13736.10	1943.106	4669.184
#2	2904.562	71810.54	13687.08	1931.538	4660.970
#3	2897.606	71874.14	13727.98	1939.181	4653.945

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1752-02 Acquired: 4/14/2025 22:49:07 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003003	-.004702	.0025599	.0045849	.0013186	.0674596	.2638110
Stddev	.001690	.000527	.0006837	.0008436	.0024848	.0030773	.0009342
%RSD	56.26083	11.21768	26.70802	18.39965	188.4462	4.561656	.3541287
#1	-.001336	-.004990	.0021423	.0049108	-.000920	.0659771	.2641681
#2	-.002960	-.005022	.0021884	.0036269	.000883	.0709976	.2645141
#3	-.004714	-.004093	.0033489	.0052169	.003992	.0654043	.2627509

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000155	.0001930	43.87379	.0001825	.0060209	.0104109	.0404170
Stddev	.000029	.0000305	.18756	.0000789	.0001532	.0003469	.0028304
%RSD	18.93462	15.80947	.4275018	43.22899	2.545222	3.331721	7.002896
#1	-.000133	.0002194	43.97625	.0002679	.0059144	.0100174	.0398355
#2	-.000188	.0001596	43.98781	.0001124	.0059518	.0105431	.0434929
#3	-.000143	.0002000	43.65732	.0001671	.0061965	.0106722	.0379225

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.315124	.9769199	.0037052	-.000167	325.6490	.0011179	.1008209
Stddev	.003840	.0114276	.0002756	.000354	2.6935	.0011467	.0006848
%RSD	.2919759	1.169756	7.437047	212.6886	.8271314	102.5776	.6791885
#1	1.318272	.9781770	.0040228	-.000569	326.5159	.0007629	.1000638
#2	1.316253	.9649157	.0035296	.000099	327.8025	.0001907	.1013970
#3	1.310846	.9876669	.0035632	-.000030	322.6288	.0024002	.1010019

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.752852	.0327534	-.000005	-.002115	-.000958	.8723058	.0130459
Stddev	.021014	.0010144	.000176	.001218	.000182	.0048563	.0057471
%RSD	.5599496	3.097216	3484.515	57.59192	18.99178	.5567237	44.05250
#1	3.728696	.0326736	.000102	-.003501	-.001051	.8776445	.0096849
#2	3.762935	.0338053	.000091	-.001215	-.000748	.8681507	.0196819
#3	3.766924	.0317811	-.000208	-.001629	-.001074	.8711221	.0097710

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1752-02 Acquired: 4/14/2025 22:49:07 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.408441	-.008354	.0497666
Stddev	.013056	.001093	.0002156
%RSD	.9269755	13.08487	.4331416
#1	1.397199	-.009336	.0499677
#2	1.405363	-.008550	.0497931
#3	1.422761	-.007176	.0495390

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2623.065	64324.45	13546.11	1736.446	3864.977
Stddev	13.307	14.08	59.08	6.034	16.381
%RSD	.5072933	.0218892	.4361048	.3474638	.4238364
#1	2638.412	64336.37	13496.43	1742.842	3882.266
#2	2616.040	64328.07	13530.46	1730.856	3862.978
#3	2614.742	64308.92	13611.43	1735.641	3849.687

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1752-04. Acquired: 4/14/2025 22:53:33 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000844	-.005538	.0223149	.0057593	.0019701	.0163885	.3732264
Stddev	.000952	.000516	.0015193	.0024584	.0007429	.0037033	.0004923
%RSD	112.7631	9.323107	6.808385	42.68588	37.71020	22.59671	.1319156
#1	-.001906	-.005438	.0233404	.0051225	.0020330	.0164612	.3734363
#2	-.000562	-.005079	.0205695	.0036819	.0011978	.0200549	.3735790
#3	-.000065	-.006097	.0230349	.0084734	.0026796	.0126494	.3726639

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000112	.0014020	13.42223	-.000235	.0019942	.0248252	.0021429
Stddev	.000030	.0001222	.01664	.000103	.0001255	.0002904	.0052939
%RSD	26.38392	8.719410	.1239726	43.86472	6.295206	1.169973	247.0476
#1	-.000135	.0015429	13.42125	-.000116	.0019047	.0246496	.0075074
#2	-.000079	.0013394	13.40610	-.000300	.0021377	.0246657	-.003077
#3	-.000123	.0013238	13.43934	-.000290	.0019401	.0251605	.001999

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.372774	1.011501	.0092865	-.000435	313.3215	.0006974	.2726940
Stddev	.001882	.011242	.0001752	.000307	5.4852	.0011682	.0012829
%RSD	.1370798	1.111399	1.886328	70.51478	1.750648	167.5218	.4704444
#1	1.372134	1.021507	.0091879	-.000723	317.5021	.0002272	.2715699
#2	1.374892	1.013659	.0091830	-.000471	315.3518	.0020274	.2724206
#3	1.371295	.999336	.0094888	-.000112	307.1107	-.000163	.2740916

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.302985	.0310241	.0000950	-.001248	-.000136	.6104802	.1059103
Stddev	.028241	.0005234	.0002357	.000820	.000131	.0058622	.0034644
%RSD	2.167434	1.687175	248.1965	65.73001	95.94801	.9602540	3.271046
#1	1.326956	.0314919	.0003637	-.000320	-.000067	.6131840	.1080519
#2	1.310146	.0304588	-.000077	-.001547	-.000054	.6037541	.1077656
#3	1.271852	.0311217	-.000002	-.001876	-.000287	.6145025	.1019134

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1752-04. Acquired: 4/14/2025 22:53:33 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5286225	-.001567	.0866993
Stddev	.0041069	.000219	.0001130
%RSD	.7769040	13.98152	.1303613
#1	.5245060	-.001348	.0868267
#2	.5286420	-.001569	.0866602
#3	.5327197	-.001786	.0866111

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2596.332	63592.92	13620.91	1717.053	3871.351
Stddev	10.432	57.16	42.87	2.311	11.320
%RSD	.4017828	.0898860	.3147458	.1345887	.2923938
#1	2594.852	63658.93	13575.88	1719.282	3872.598
#2	2607.424	63559.66	13661.23	1717.211	3881.996
#3	2586.719	63560.18	13625.62	1714.668	3859.460

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1752-06 Acquired: 4/14/2025 22:57:58 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002048	-.006726	.0334190	.0064325	.0028657	.0804360	.3023993
Stddev	.002860	.001398	.0011237	.0029860	.0024443	.0022753	.0019924
%RSD	139.6838	20.78218	3.362555	46.42035	85.29429	2.828717	.6588553
#1	-.000753	-.008054	.0344505	.0063794	.0013626	.0821383	.3045426
#2	-.005327	-.005267	.0335850	.0034735	.0015485	.0813180	.3020517
#3	-.000063	-.006858	.0322215	.0094448	.0056862	.0778518	.3006036

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002036	.0003073	9.184594	-.000727	-.000494	.0153834	.0073999
Stddev	.0000432	.0000260	.033461	.000266	.000085	.0002421	.0009873
%RSD	21.21355	8.463793	.3643134	36.54047	17.27136	1.573639	13.34191
#1	.0002534	.0003356	9.184782	-.001034	-.000513	.0151717	.0084311
#2	.0001804	.0003015	9.217960	-.000581	-.000401	.0153313	.0064633
#3	.0001769	.0002846	9.151039	-.000566	-.000569	.0156473	.0073054

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0458870	2.971444	.0078105	-.000634	312.1755	.0006776	.1118990
Stddev	.0005513	.020385	.0002289	.000210	.8280	.0009019	.0008450
%RSD	1.201373	.6860252	2.930677	33.07476	.2652362	133.1086	.7551671
#1	.0463181	2.957887	.0080224	-.000441	313.1311	.0016507	.1128341
#2	.0460770	2.994887	.0075677	-.000603	311.6717	-.000130	.1111903
#3	.0452658	2.961558	.0078412	-.000857	311.7237	.000512	.1116725

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.638825	.0386875	-.000280	-.000338	-.000750	.4624048	.0263670
Stddev	.018692	.0006682	.000311	.000518	.000309	.0040488	.0013814
%RSD	1.140592	1.727260	110.9931	152.9496	41.24148	.8755894	5.239040
#1	1.642268	.0394509	-.000176	-.000924	-.001082	.4577297	.0275067
#2	1.618650	.0382081	-.000035	-.000151	-.000698	.4647326	.0248307
#3	1.655556	.0384036	-.000630	.000060	-.000470	.4647521	.0267635

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1752-06 Acquired: 4/14/2025 22:57:58 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2823424	-.003733	.0677016
Stddev	.0034174	.000671	.0003972
%RSD	1.210385	17.96545	.5866385
#1	.2862877	-.004489	.0680894
#2	.2802990	-.003211	.0677199
#3	.2804406	-.003498	.0672957

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2681.565	65439.43	13734.50	1790.339	3899.962
Stddev	8.019	101.83	22.50	5.283	8.741
%RSD	.2990519	.1556168	.1638326	.2950752	.2241276
#1	2684.026	65329.65	13740.08	1785.059	3907.935
#2	2688.065	65530.80	13709.74	1790.332	3901.335
#3	2672.603	65457.85	13753.69	1795.625	3890.615

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1752-08 Acquired: 4/14/2025 23:02:25 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001007	-.005888	.0123612	.0026468	.0023164	.0857562	.3807250
Stddev	.001691	.001160	.0006557	.0022860	.0012943	.0084702	.0012771
%RSD	167.8679	19.70787	5.304571	86.36566	55.87411	9.877051	.3354391
#1	-.000281	-.006884	.0117344	.0042155	.0008668	.0920773	.3818347
#2	.000199	-.006166	.0130424	.0037010	.0027263	.0761321	.3810112
#3	-.002940	-.004614	.0123067	.0000240	.0033562	.0890590	.3793290

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001864	.0006608	9.041033	.0010586	-.000268	.0250279	.0703566
Stddev	.0000090	.0000867	.014451	.0001153	.000378	.0001301	.0014943
%RSD	4.831845	13.12886	.1598332	10.89146	141.2014	.5198005	2.123898
#1	.0001760	.0007587	9.053950	.0011894	-.000012	.0251528	.0686311
#2	.0001914	.0006297	9.025427	.0009717	-.000702	.0248931	.0712182
#3	.0001919	.0005938	9.043722	.0010148	-.000089	.0250379	.0712205

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1773876	2.101196	.0138563	-.000642	295.9862	.0009676	.1549540
Stddev	.0003673	.008701	.0001007	.000234	3.2983	.0006493	.0010594
%RSD	.2070831	.4140876	.7268260	36.46612	1.114339	67.10560	.6837138
#1	.1777994	2.103117	.0139571	-.000374	299.7721	.0013415	.1538820
#2	.1770937	2.091696	.0138562	-.000747	294.4519	.0002178	.1549797
#3	.1772697	2.108776	.0137557	-.000805	293.7344	.0013433	.1560004

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.258237	.0318456	.0000030	.0007547	-.000350	.3797030	.0220414
Stddev	.007411	.0003959	.0001719	.0009991	.000513	.0035853	.0040570
%RSD	.5889859	1.243043	5750.437	132.3836	146.4815	.9442278	18.40639
#1	1.264034	.0317223	-.000195	-.000329	-.000942	.3829369	.0226768
#2	1.260790	.0322885	.000110	.001640	-.000033	.3803246	.0257432
#3	1.249887	.0315261	.000094	.000953	-.000075	.3758476	.0177041

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: Q1752-08 Acquired: 4/14/2025 23:02:25 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2895249	-.003994	.0733786
Stddev	.0056211	.000222	.0001155
%RSD	1.941504	5.564450	.1574510
#1	.2909251	-.004245	.0734996
#2	.2943135	-.003822	.0732695
#3	.2833360	-.003915	.0733666

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2678.277	65975.08	12834.17	1811.139	3926.954
Stddev	.930	80.03	28.40	7.137	1.830
%RSD	.0347191	.1212981	.2213175	.3940590	.0465903
#1	2677.817	65948.91	12801.86	1814.674	3928.209
#2	2679.347	65911.41	12845.45	1802.924	3924.855
#3	2677.667	66064.91	12855.21	1815.818	3927.799

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: CCV12 Acquired: 4/14/2025 23:06:51 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV11 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.757475	4.853323	4.828409	4.802317	4.825215	9.434112
Stddev	.031698	.059091	.018302	.028669	.024725	.024229
%RSD	.6662675	1.217534	.3790571	.5969771	.5124191	.2568285
#1	4.729754	4.832210	4.821544	4.784886	4.813123	9.426508
#2	4.750638	4.807688	4.814531	4.786661	4.808863	9.414596
#3	4.792033	4.920070	4.849151	4.835405	4.853659	9.461231

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.897762	.2286958	2.434041	23.89444	.9652877	2.443740
Stddev	.019965	.0008050	.008011	.03524	.0041358	.008144
%RSD	.2017104	.3519996	.3291066	.1474969	.4284523	.3332688
#1	9.914579	.2278021	2.431721	23.86900	.9686834	2.442011
#2	9.903010	.2289213	2.427446	23.87965	.9606818	2.436599
#3	9.875698	.2293640	2.442955	23.93467	.9664979	2.452610

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.223591	5.057546	2.378820	23.19543	2.424651	1.204253
Stddev	.005189	.014776	.007046	.12274	.008251	.003328
%RSD	.4240440	.2921649	.2962017	.5291600	.3402872	.2763724
#1	1.220969	5.064262	2.372594	23.06560	2.421687	1.207890
#2	1.220238	5.040605	2.377397	23.30958	2.418292	1.201360
#3	1.229568	5.067773	2.386469	23.21112	2.433974	1.203509

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 27.52088	2.384350	2.410413	27.18895	4.565890	4.879024
Stddev	.28344	.007271	.012305	.26449	.022137	.023570
%RSD	1.029896	.3049347	.5104766	.9727677	.4848378	.4830839
#1	27.80209	2.382823	2.420153	27.41578	4.540668	4.862056
#2	27.23527	2.377965	2.396584	26.89844	4.582096	4.869081
#3	27.52528	2.392263	2.414501	27.25263	4.574908	4.905937

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: CCV12 Acquired: 4/14/2025 23:06:51 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV11 Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.861277	4.767320	4.964567	4.924931	4.856910	4.681208
Stddev	.020530	.009855	.031890	.034323	.024736	.017005
%RSD	.4223156	.2067194	.6423458	.6969247	.5092986	.3632675
#1	4.850360	4.769918	4.985820	4.928182	4.845784	4.688049
#2	4.848511	4.756426	4.927898	4.889099	4.839691	4.661848
#3	4.884958	4.775615	4.979982	4.957514	4.885256	4.693727

Elem	Sr4077
Units	ppm
Avg	4.885940
Stddev	.037027
%RSD	.7578373
#1	4.927016
#2	4.875678
#3	4.855125

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2763.980	66870.74	13939.30	1816.860	4123.206
Stddev	7.642	267.48	41.54	12.318	10.450
%RSD	.2764887	.3999970	.2980269	.6779788	.2534391
#1	2769.851	66595.00	13986.97	1803.243	4126.225
#2	2766.750	67129.12	13910.79	1827.228	4131.814
#3	2755.339	66888.09	13920.15	1820.109	4111.579

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: CCB12 Acquired: 4/14/2025 23:11:03 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB11 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0028297	-.001349	.0000980	-.000518	-.001306	.0020160	-.000083
Stddev	.0015926	.000516	.0004386	.000979	.001196	.0023150	.000760
%RSD	56.28071	38.24069	447.3975	189.0720	91.61365	114.8296	915.4287
#1	.0036497	-.001945	.0005621	-.001649	-.001794	.0012349	-.000860
#2	.0038452	-.001037	.0000414	.000046	-.002181	.0046205	-.000047
#3	.0009942	-.001066	-.000309	.000049	.000057	.0001926	.000658

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000032	-.000073	-.004927	.0000505	.0000749	.0003293	-.000431
Stddev	.000028	.000108	.004376	.0002071	.0001159	.0004348	.003056
%RSD	88.75729	148.1394	88.81040	410.5737	154.7954	132.0691	708.4979
#1	-.000033	-.000145	-.008713	.0001512	-.000035	.0006752	-.003572
#2	-.000059	.000051	-.005931	-.000188	.000064	.0004714	.002531
#3	-.000003	-.000125	-.000136	.000188	.000196	-.000159	-.000253

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003420	.0143025	.0000311	-.000423	.0227053	.0006103	-.000443
Stddev	.0001251	.0054976	.0001911	.000401	.0028565	.0005791	.000312
%RSD	36.57106	38.43815	615.2579	94.68901	12.58063	94.89299	70.30172
#1	.0003577	.0189058	-.000170	-.000825	.0198397	.0000207	-.000196
#2	.0002099	.0082152	.000053	-.000023	.0227238	.0006319	-.000340
#3	.0004586	.0157864	.000210	-.000421	.0255526	.0011783	-.000793

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.007425	.0048077	.0000347	-.000367	.0000270	.0133751	.0020514
Stddev	.034724	.0005236	.0002111	.000557	.0001885	.0040781	.0026877
%RSD	467.6543	10.89185	608.9828	151.7034	697.2006	30.48997	131.0177
#1	-.013944	.0054119	.0002164	-.000781	-.000190	.0087934	.0019267
#2	.030096	.0044848	.0000845	-.000586	.000124	.0166074	-.000572
#3	-.038428	.0045264	-.000197	.000266	.000148	.0147245	.004799

Reviewed By:mohan
On:4/15/2025 1:12:12 PM
Inst Id :P4
LB :LB135424

Sample Name: CCB12 Acquired: 4/14/2025 23:11:03 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v3) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB11 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0005766	.0018424	.0000627
Stddev	.0010342	.0005552	.0000664
%RSD	179.3428	30.13683	105.9268
#1	.0006989	.0014993	.0001390
#2	.0015443	.0024831	.0000312
#3	-.000513	.0015450	.0000179

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2819.072	68983.88	14120.29	1877.640	4468.159
Stddev	6.221	168.83	37.59	9.242	10.728
%RSD	.2206762	.2447337	.2662441	.4922210	.2400989
#1	2821.866	69078.99	14078.14	1882.342	4469.312
#2	2823.407	68788.95	14132.38	1866.992	4478.263
#3	2811.944	69083.69	14150.35	1883.586	4456.901