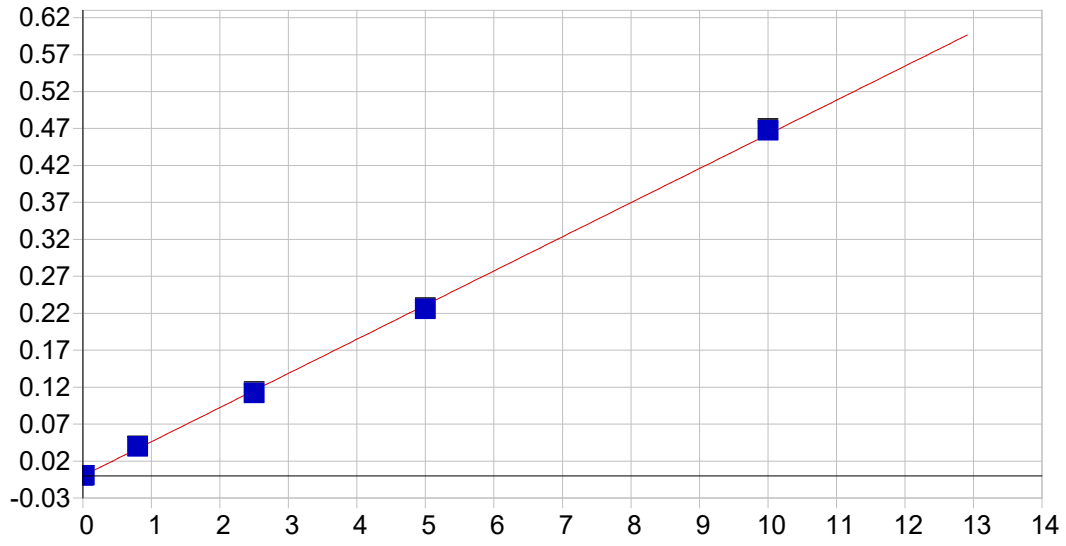
Reviewed By:kareem
On:4/11/2025 10:25:08 AM
Inst Id :P4
LB :LB135373



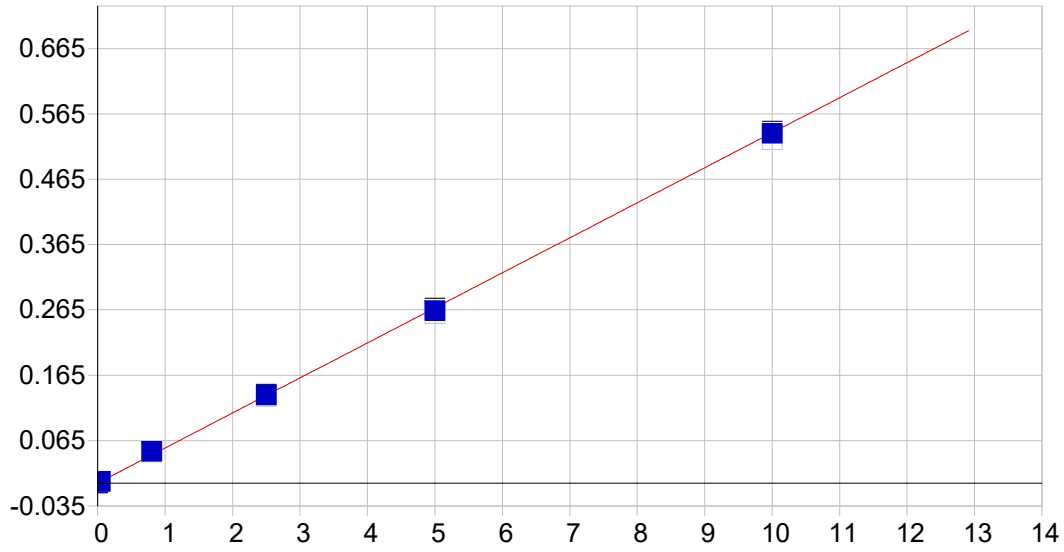
As 189.042 {479}

Date of Fit:	4/10/2025 9:56:04	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000082	Re-Slope:	1.000000
A1 (Gain):	0.046218	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999689	Status:	OK.
Std Error of Est:	0.000027		
Predicted MDL:	0.002522		
Predicted MQL:	0.008406		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00008	.000	1
S1	.02000	.02011	.000	.545	.00084	.000	1
S3	2.5000	2.4244	-.076	-3.02	.11184	.002	1
S4	5.0000	4.8907	-.109	-2.19	.22570	.001	1
S5	10.000	10.120	.120	1.20	.46714	.002	1
S2	.80000	.86483	.065	8.10	.03985	.000	1

Reviewed By:kareem
On:4/11/2025 10:25:08 AM
Inst Id :P4
LB :LB135373



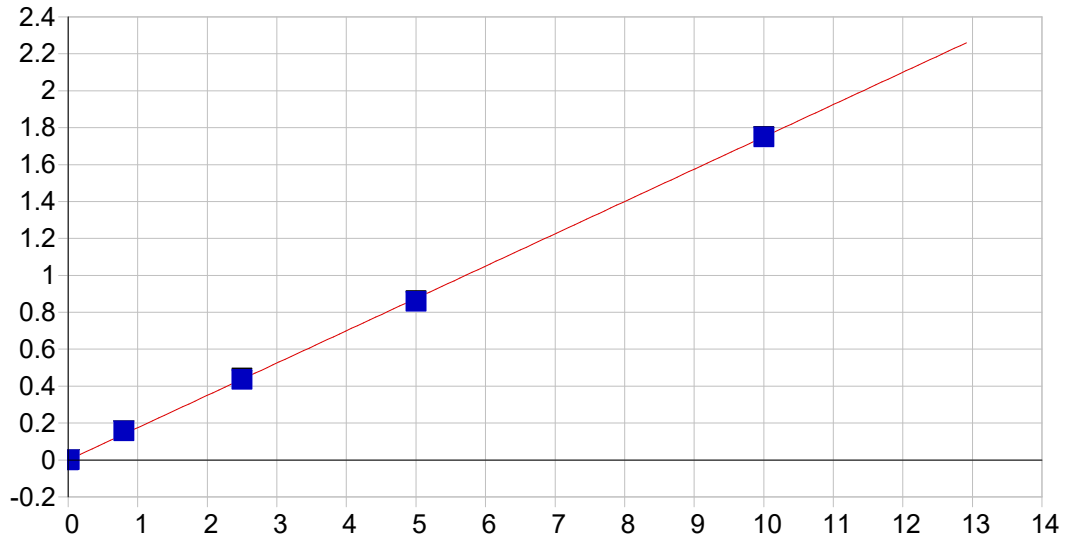
Tl 190.856 {477}

Date of Fit:	4/10/2025 9:56:04	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000009	Re-Slope:	1.000000
A1 (Gain):	0.053615	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999635	Status:	OK.
Std Error of Est:	0.000047		
Predicted MDL:	0.001828		
Predicted MQL:	0.006092		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00001	.000	1
S1	.04000	.03946	-.001	-1.35	.00199	.000	1
S3	2.5000	2.5038	.004	.152	.13178	.002	1
S4	5.0000	4.9184	-.082	-1.63	.25877	.004	1
S5	10.000	9.9823	-.018	-.177	.52533	.003	1
S2	.80000	.89599	.096	12.0	.04726	.000	1

Reviewed By:kareem
On:4/11/2025 10:25:08 AM
Inst Id :P4
LB :LB135373



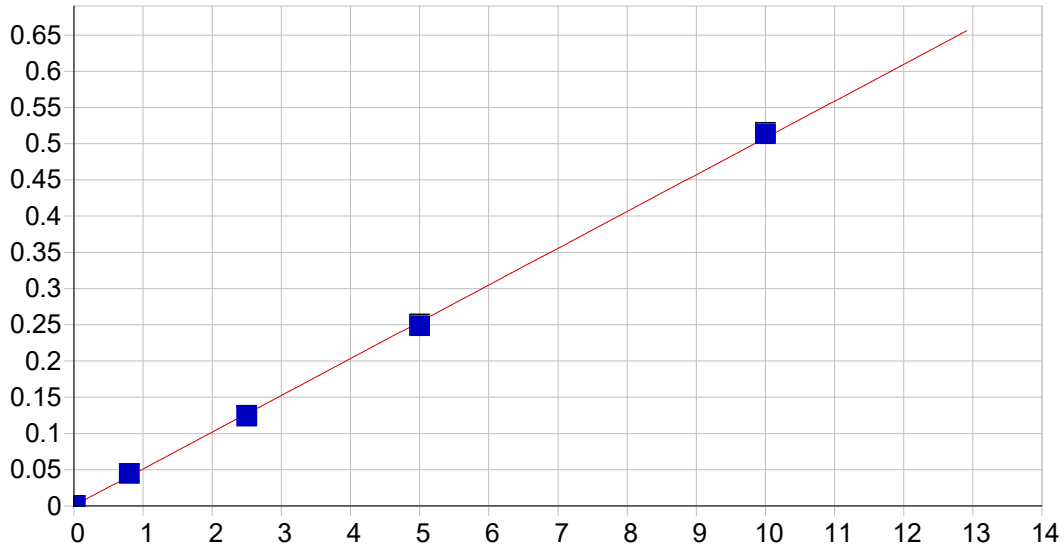
Pb 220.353 {453}

Date of Fit:	4/10/2025 9:56:04	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000007	Re-Slope:	1.000000
A1 (Gain):	0.175003	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999605	Status:	OK.
Std Error of Est:	0.000089		
Predicted MDL:	0.001384		
Predicted MQL:	0.004612		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00001	.000	1
S1	.01200	.01096	-.001	-8.63	.00187	.000	1
S3	2.5000	2.4961	-.004	-.156	.43634	.007	1
S4	5.0000	4.9086	-.091	-1.83	.85805	.003	1
S5	10.000	9.9957	-.004	-.043	1.7473	.002	1
S2	.80000	.90068	.101	12.6	.15746	.001	1

Reviewed By:kareem
On:4/11/2025 10:25:08 AM
Inst Id :P4
LB :LB135373



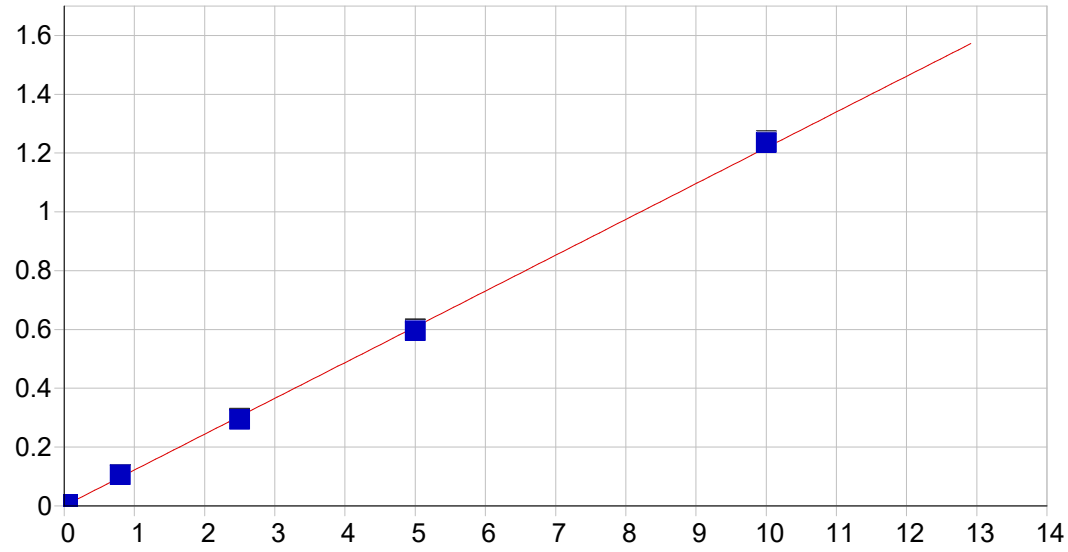
Se 196.090 {472}

Date of Fit:	4/10/2025 9:56:04	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000341	Re-Slope:	1.000000
A1 (Gain):	0.050757	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999665	Status:	OK.
Std Error of Est:	0.000031		
Predicted MDL:	0.002789		
Predicted MQL:	0.009296		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00034	.000	1
S1	.02000	.01715	-.003	-14.3	.00121	.000	1
S3	2.5000	2.4290	-.071	-2.84	.12358	.002	1
S4	5.0000	4.8899	-.110	-2.20	.24845	.003	1
S5	10.000	10.114	.114	1.14	.51352	.002	1
S2	.80000	.86992	.070	8.74	.04448	.000	1

Reviewed By:kareem
On:4/11/2025 10:25:08 AM
Inst Id :P4
LB :LB135373



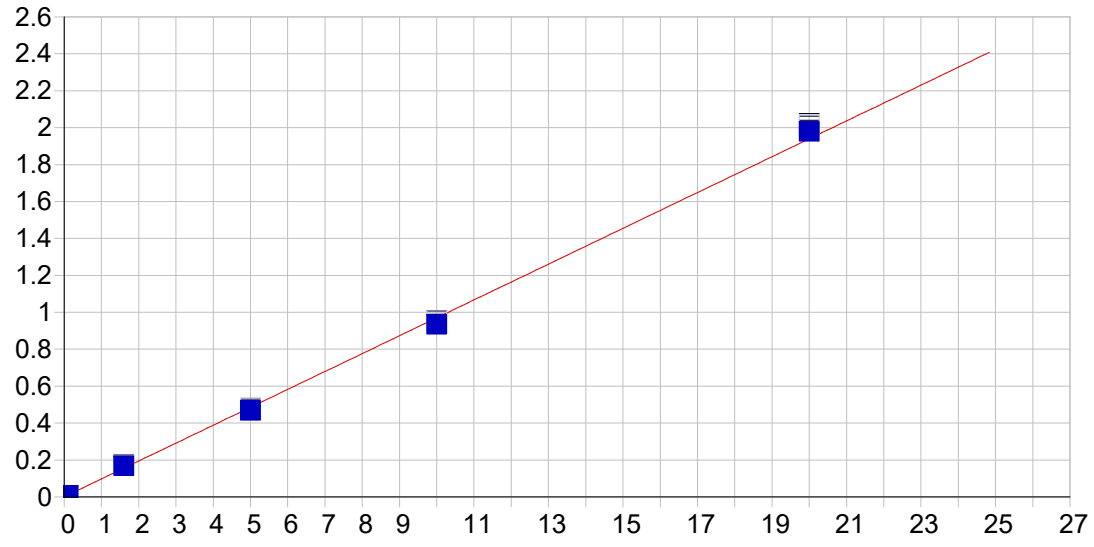
Sb 206.833 {463}

Date of Fit:	4/10/2025 9:56:04	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000285	Re-Slope:	1.000000
A1 (Gain):	0.121754	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999662	Status:	OK.
Std Error of Est:	0.000118		
Predicted MDL:	0.001756		
Predicted MQL:	0.005854		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00028	.000	1
S1	.05000	.04866	-.001	-2.67	.00622	.000	1
S3	2.5000	2.4114	-.089	-3.55	.29470	.004	1
S4	5.0000	4.8885	-.112	-2.23	.59713	.005	1
S5	10.000	10.139	.139	1.39	1.2381	.004	1
S2	.80000	.86234	.062	7.79	.10554	.000	1

Reviewed By:kareem
On:4/11/2025 10:25:08 AM
Inst Id :P4
LB :LB135373



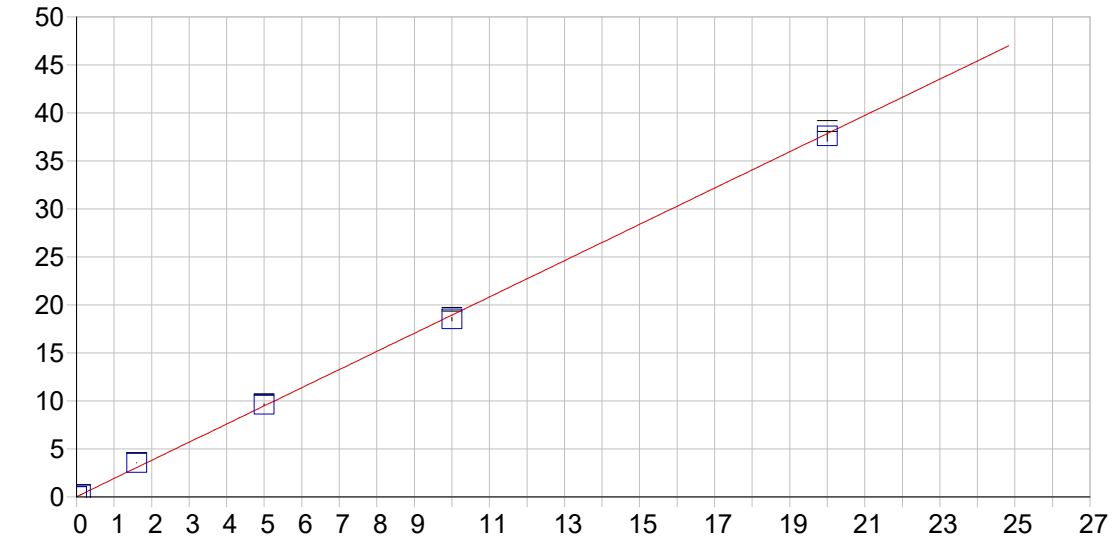
Al 396.152 { 85}

Date of Fit:	4/10/2025 9:56:04	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000586	Re-Slope:	1.000000
A1 (Gain):	0.096946	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999486	Status:	OK.
Std Error of Est:	0.000235		
Predicted MDL:	0.005139		
Predicted MQL:	0.017131		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00059	.000	1
S1	.10000	.09401	-.006	-5.99	.01045	.001	1
S3	5.0000	4.8300	-.170	-3.40	.47824	.001	1
S4	10.000	9.6352	-.365	-3.65	.95348	.001	1
S5	20.000	20.405	.405	2.02	2.0163	.007	1
S2	1.6000	1.7363	.136	8.52	.17192	.001	1

Reviewed By:kareem
On:4/11/2025 10:25:08 AM
Inst Id :P4
LB :LB135373



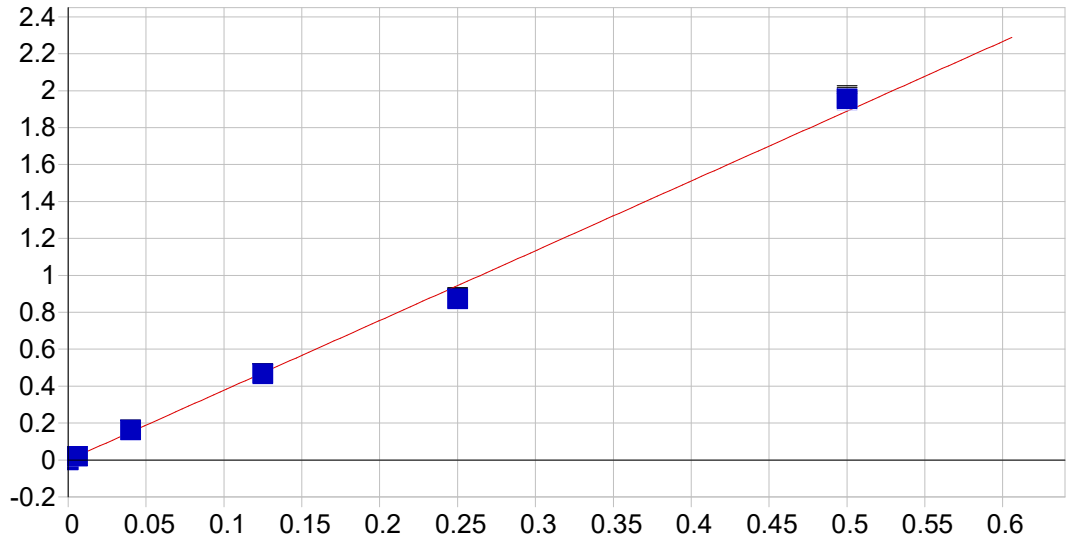
Ba 493.409 { 68}

Date of Fit:	4/10/2025 9:56:04	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.030975	Re-Slope:	1.000000
A1 (Gain):	1.890720	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999300	Status:	OK.
Std Error of Est:	0.005248		
Predicted MDL:	0.000911		
Predicted MQL:	0.003036		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	.03095	.001	1
S1	.10000	.10033	.000	.332	.22067	.002	1
S3	5.0000	5.0784	.078	1.57	9.6327	.064	1
S4	10.000	9.7792	-.221	-2.21	18.521	.176	1
S5	20.000	19.875	-.125	-.624	37.609	.559	1
S2	1.6000	1.8669	.267	16.7	3.5608	.011	1

Reviewed By:kareem
On:4/11/2025 10:25:08 AM
Inst Id :P4
LB :LB135373



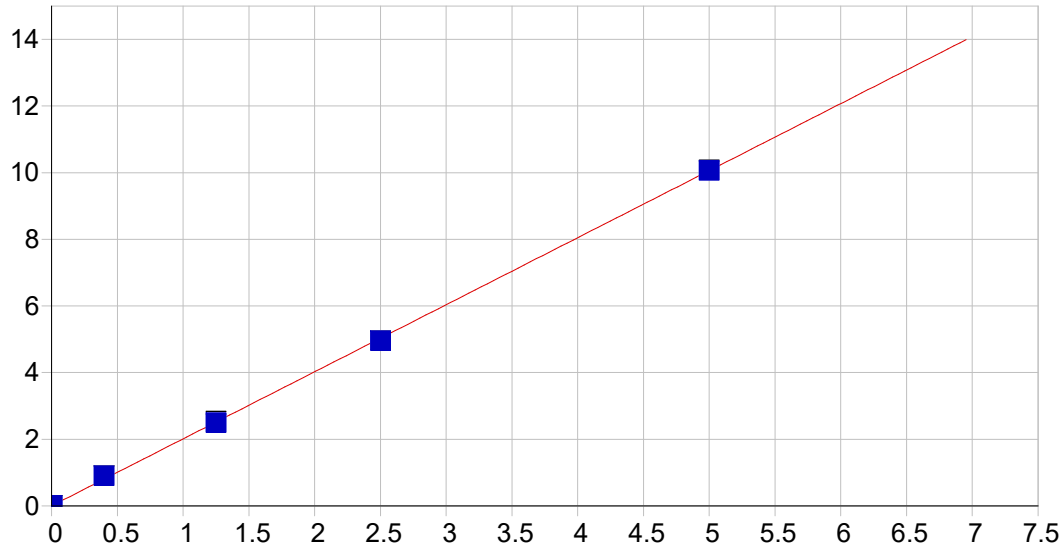
Be 234.861 {144}

Date of Fit:	4/10/2025 9:56:04	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000255	Re-Slope:	1.000000
A1 (Gain):	3.777939	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.998724	Status:	OK.
Std Error of Est:	0.000547		
Predicted MDL:	0.000050		
Predicted MQL:	0.000167		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00025	.000	1
S1	.00600	.00542	-.001	-9.66	.02005	.000	1
S3	.12500	.12353	-.001	-1.18	.46431	.001	1
S4	.25000	.23122	-.019	-7.51	.86906	.006	1
S5	.50000	.51797	.018	3.59	1.9482	.016	1
S2	.04000	.04285	.003	7.13	.16096	.000	1

Reviewed By:kareem
On:4/11/2025 10:25:08 AM
Inst Id :P4
LB :LB135373



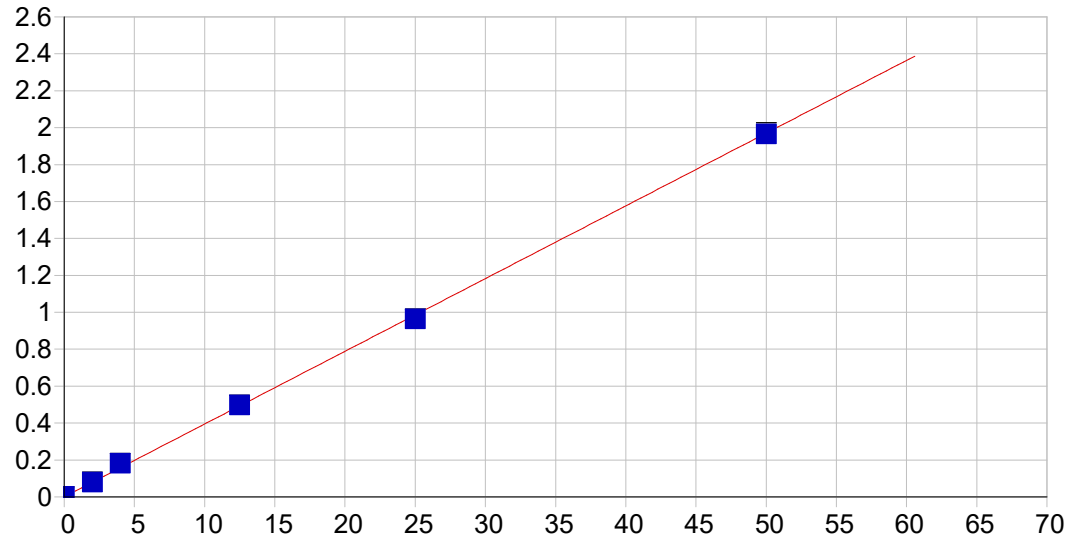
Cd 226.502 {449}

Date of Fit:	4/10/2025 9:56:04	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000204	Re-Slope:	1.000000
A1 (Gain):	2.012283	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999637	Status:	OK.
Std Error of Est:	0.000493		
Predicted MDL:	0.000083		
Predicted MQL:	0.000275		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00020	.000	1
S1	.00600	.00570	-.000	-4.96	.01174	.000	1
S3	1.2500	1.2416	-.008	-.669	2.5009	.040	1
S4	2.5000	2.4603	-.040	-1.59	4.9555	.013	1
S5	5.0000	4.9995	-.000	-.010	10.069	.013	1
S2	.40000	.44885	.049	12.2	.90412	.003	1

Reviewed By:kareem
On:4/11/2025 10:25:08 AM
Inst Id :P4
LB :LB135373



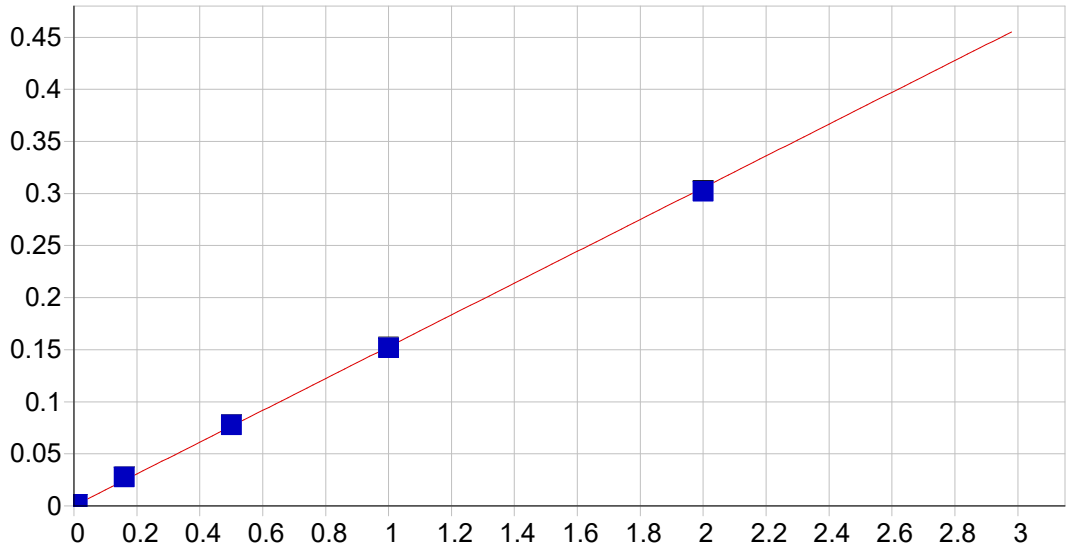
Ca 373.690 { 90}

Date of Fit:	4/10/2025 9:56:04	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000913	Re-Slope:	1.000000
A1 (Gain):	0.039390	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999477	Status:	OK.
Std Error of Est:	0.000674		
Predicted MDL:	0.009753		
Predicted MQL:	0.032511		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00024	-.000	.000	.00090	.000	1
S2	4.0000	4.5814	.581	14.5	.18137	.001	1
S3	12.500	12.600	.100	.798	.49721	.001	1
S4	25.000	24.452	-.548	-2.19	.96406	.001	1
S5	50.000	49.883	-.117	-.235	1.9658	.007	1
S1	2.0000	1.9844	-.016	-.778	.07908	.000	1

Reviewed By:kareem
On:4/11/2025 10:25:08 AM
Inst Id :P4
LB :LB135373



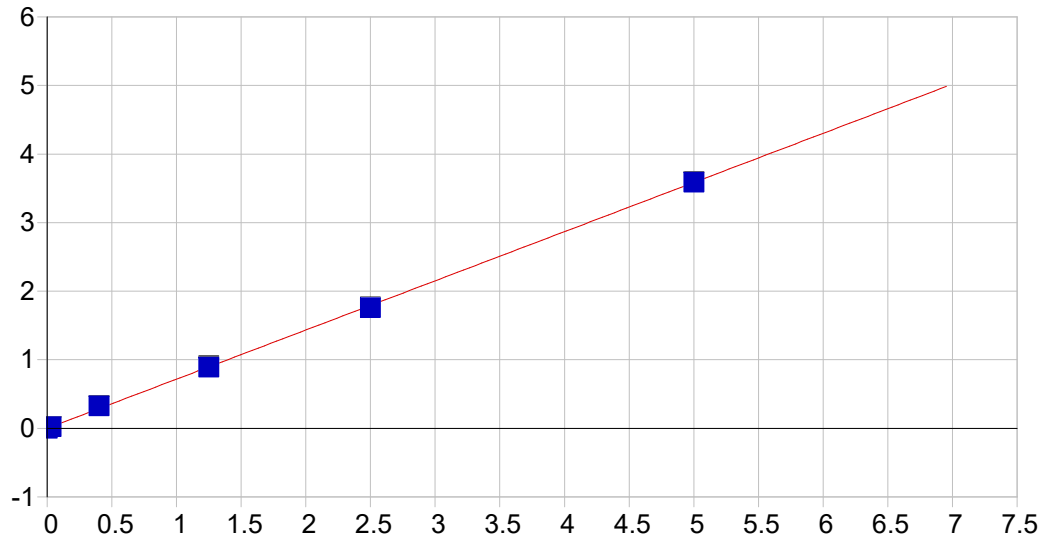
Cr 267.716 {126}

Date of Fit:	4/10/2025 9:56:04	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000117	Re-Slope:	1.000000
A1 (Gain):	0.152713	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999544	Status:	OK.
Std Error of Est:	0.000034		
Predicted MDL:	0.000364		
Predicted MQL:	0.001213		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00012	.000	1
S1	.01000	.00916	-.001	-8.36	.00152	.000	1
S3	.50000	.50848	.008	1.70	.07779	.000	1
S4	1.0000	.99365	-.006	-.635	.15191	.001	1
S5	2.0000	1.9774	-.023	-1.13	.30218	.000	1
S2	.16000	.18133	.021	13.3	.02782	.000	1

Reviewed By:kareem
On:4/11/2025 10:25:08 AM
Inst Id :P4
LB :LB135373



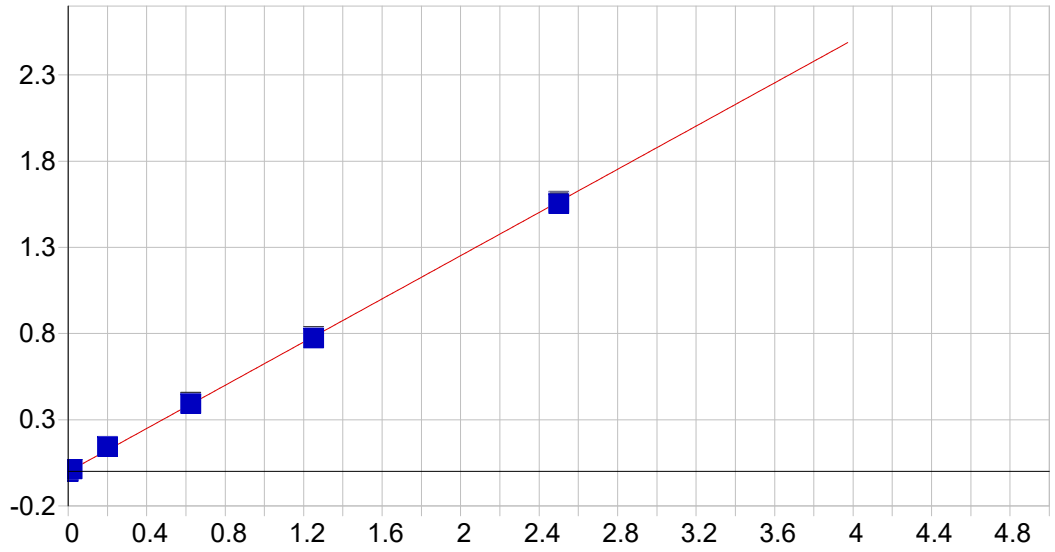
Co 228.616 {448}

Date of Fit:	4/10/2025 9:56:04	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000158	Re-Slope:	1.000000
A1 (Gain):	0.717042	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999594	Status:	OK.
Std Error of Est:	0.000416		
Predicted MDL:	0.000244		
Predicted MQL:	0.000813		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00016	.000	1
S1	.03000	.02933	-.001	-2.25	.02110	.000	1
S3	1.2500	1.2435	-.006	-.517	.89335	.015	1
S4	2.5000	2.4544	-.046	-1.82	1.7631	.005	1
S5	5.0000	5.0013	.001	.025	3.5924	.005	1
S2	.40000	.45143	.051	12.9	.32434	.001	1

Reviewed By:kareem
On:4/11/2025 10:25:08 AM
Inst Id :P4
LB :LB135373



Cu 224.700 {450}

Date of Fit:	4/10/2025 9:56:04	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000487	Re-Slope:	1.000000
A1 (Gain):	0.626250	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999439	Status:	OK.
Std Error of Est:	0.000248		
Predicted MDL:	0.000401		
Predicted MQL:	0.001336		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00049	.000	1
S1	.02000	.02172	.002	8.59	.01324	.000	1
S3	.62500	.62843	.003	.549	.39584	.006	1
S4	1.2500	1.2350	-.015	-1.20	.77850	.004	1
S5	2.5000	2.4791	-.021	-.835	1.5632	.005	1
S2	.20000	.23069	.031	15.3	.14487	.000	1

Reviewed By:kareem
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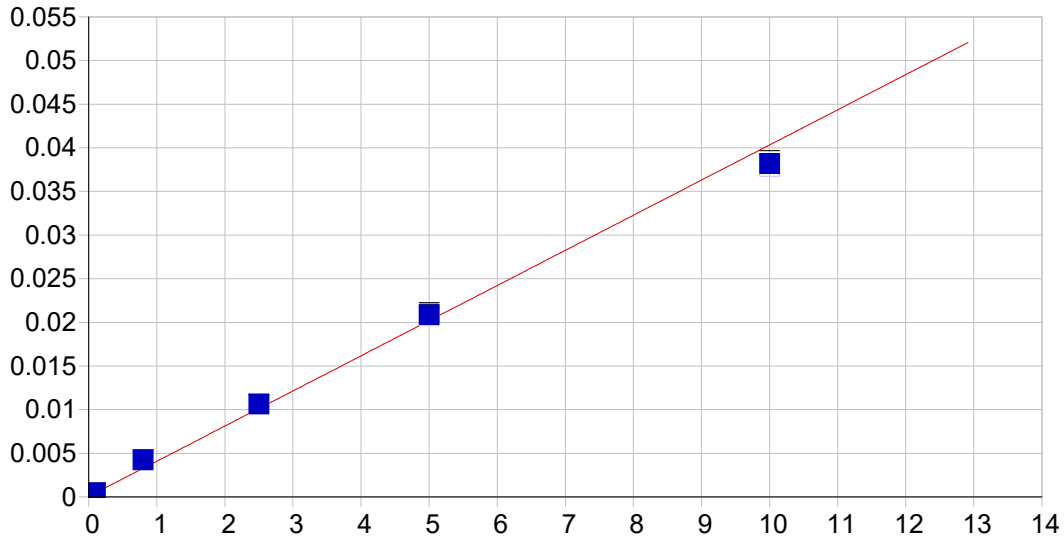
LB :LB135373



Fe 240.488 {140}

Date of Fit:	4/10/2025 9:56:04	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000059	Re-Slope:	1.000000
A1 (Gain):	0.004027	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.996956	Status:	OK.
Std Error of Est:	0.000016		
Predicted MDL:	0.004645		
Predicted MQL:	0.015485		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00004	-.000	.000	.00006	.000	1
S1	.10000	.10495	.005	4.95	.00048	.000	1
S3	2.5000	2.6244	.124	4.98	.01054	.000	1
S4	5.0000	5.1680	.168	3.36	.02070	.000	1
S5	10.000	9.4660	-.534	-5.34	.03784	.000	1
S2	.80000	1.0366	.237	29.6	.00421	.000	1

Reviewed By:kareem
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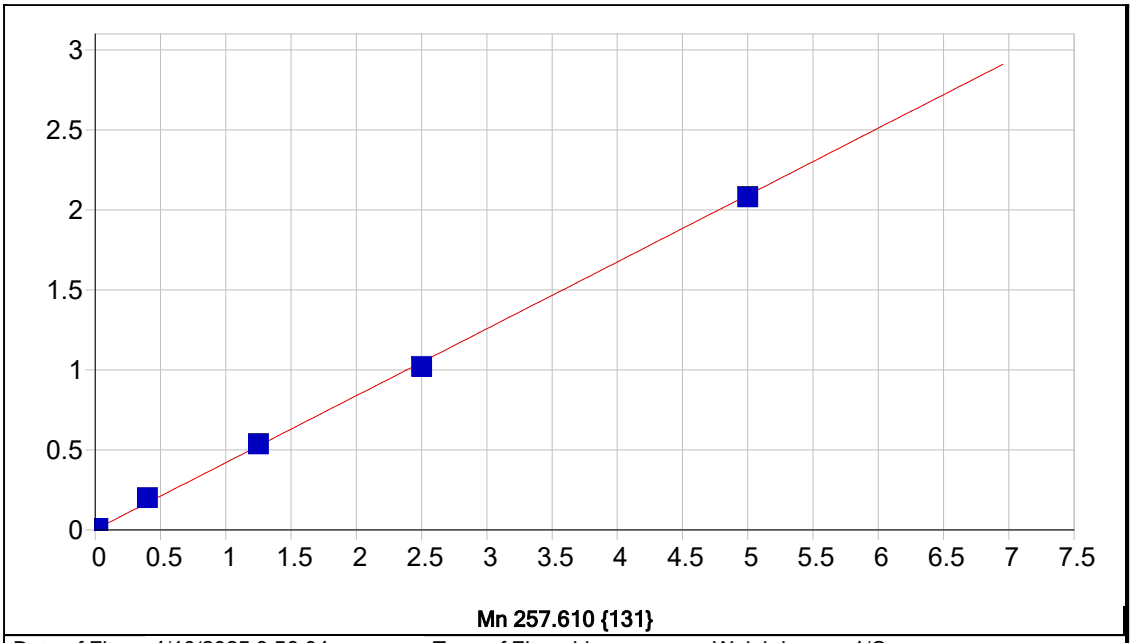
Inst Id :P4
LB :LB135373



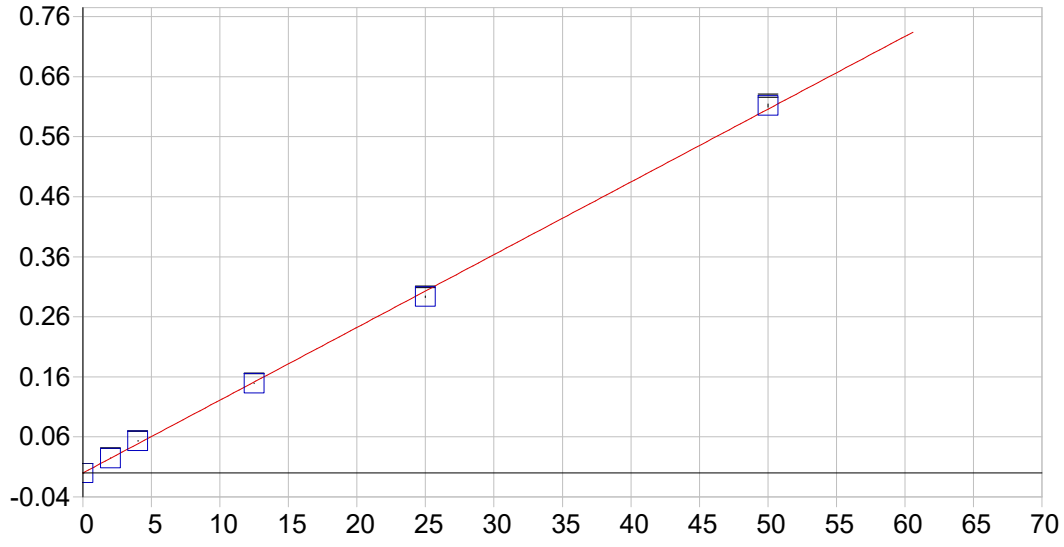
Mn 257.610 {131}

Date of Fit:	4/10/2025 9:56:04	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.002233	Re-Slope:	1.000000
A1 (Gain):	0.418158	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999152	Status:	OK.
Std Error of Est:	0.000286		
Predicted MDL:	0.000362		
Predicted MQL:	0.001205		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00223	.000	1
S1	.02000	.01745	-.003	-12.8	.00953	.000	1
S3	1.2500	1.2784	.028	2.27	.53692	.002	1
S4	2.5000	2.4353	-.065	-2.59	1.0208	.001	1
S5	5.0000	4.9675	-.032	-.649	2.0799	.004	1
S2	.40000	.47131	.071	17.8	.19935	.000	1

Reviewed By:kareem
On:4/11/2025 10:25:08 AM
Inst Id :P4
LB :LB135373



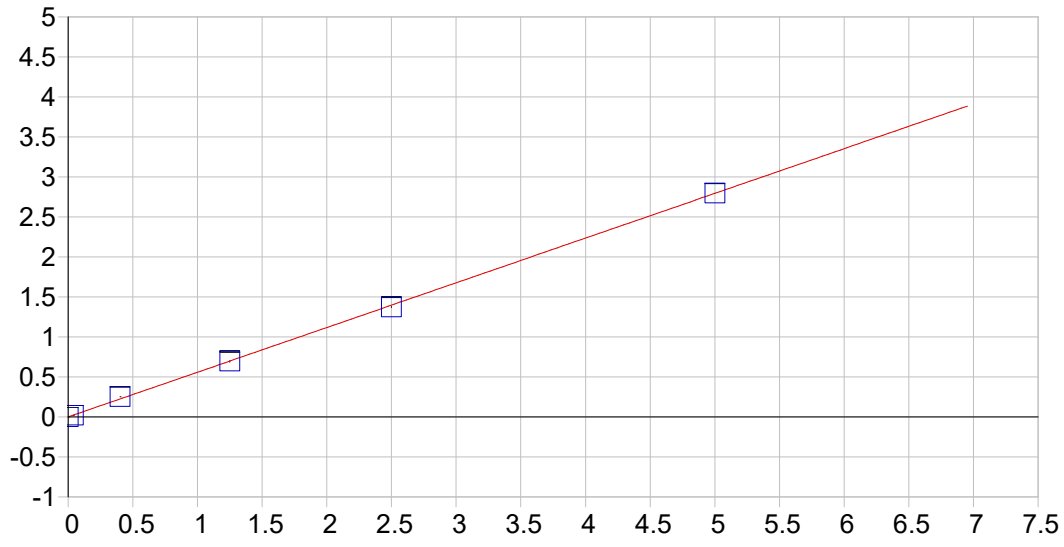
Mg 279.079 {121}

Date of Fit:	4/10/2025 9:56:04	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000081	Re-Slope:	1.000000
A1 (Gain):	0.012118	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999607	Status:	OK.
Std Error of Est:	0.000180		
Predicted MDL:	0.013807		
Predicted MQL:	0.046022		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00018	-.000	.000	-.00008	.000	1
S2	4.0000	4.4075	.408	10.2	.05333	.000	1
S3	12.500	12.329	-.171	-1.37	.14933	.001	1
S4	25.000	24.227	-.773	-3.09	.29351	.001	1
S5	50.000	50.494	.494	.989	.61184	.003	1
S1	2.0000	2.0421	.042	2.10	.02467	.000	1

Reviewed By:kareem
On:4/11/2025 10:25:08 AM
Inst Id :P4
LB :LB135373



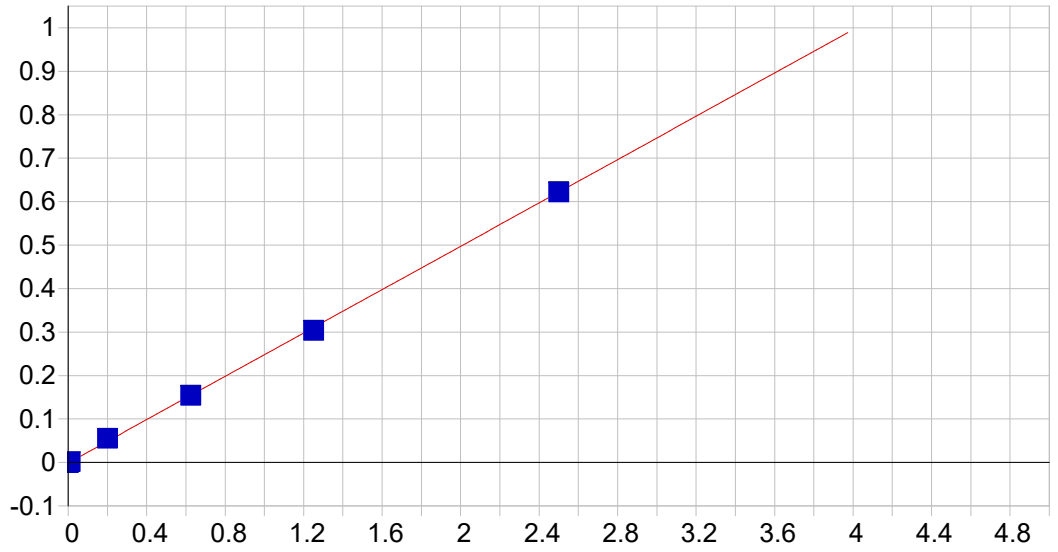
Ni 231.604 {446}

Date of Fit:	4/10/2025 9:56:04	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000032	Re-Slope:	1.000000
A1 (Gain):	0.558800	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999609	Status:	OK.
Std Error of Est:	0.000367		
Predicted MDL:	0.000292		
Predicted MQL:	0.000973		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00003	.000	1
S1	.04000	.03831	-.002	-4.23	.02138	.000	1
S3	1.2500	1.2423	-.008	-.613	.69418	.011	1
S4	2.5000	2.4573	-.043	-1.71	1.3731	.005	1
S5	5.0000	5.0016	.002	.032	2.7949	.002	1
S2	.40000	.45040	.050	12.6	.25165	.001	1

Reviewed By:kareem
On:4/11/2025 10:25:08 AM
Inst Id :P4
LB :LB135373



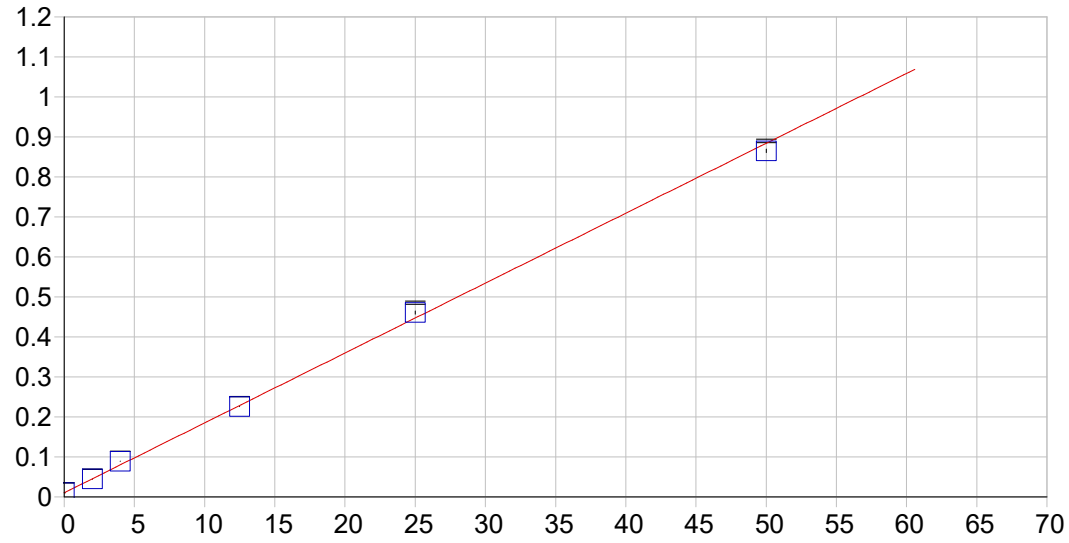
Ag 328.068 {103}

Date of Fit:	4/10/2025 9:56:04	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.001208	Re-Slope:	1.000000
A1 (Gain):	0.249272	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999548	Status:	OK.
Std Error of Est:	0.000062		
Predicted MDL:	0.000321		
Predicted MQL:	0.001069		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00121	.000	1
S1	.01000	.00986	-.000	-1.38	.00123	.000	1
S3	.62500	.62398	-.001	-.163	.15371	.000	1
S4	1.2500	1.2233	-.027	-2.14	.30248	.000	1
S5	2.5000	2.5013	.001	.052	.61982	.000	1
S2	.20000	.22659	.027	13.3	.05508	.000	1

Reviewed By:kareem
On:4/11/2025 10:25:08 AM
Inst Id :P4
LB :LB135373



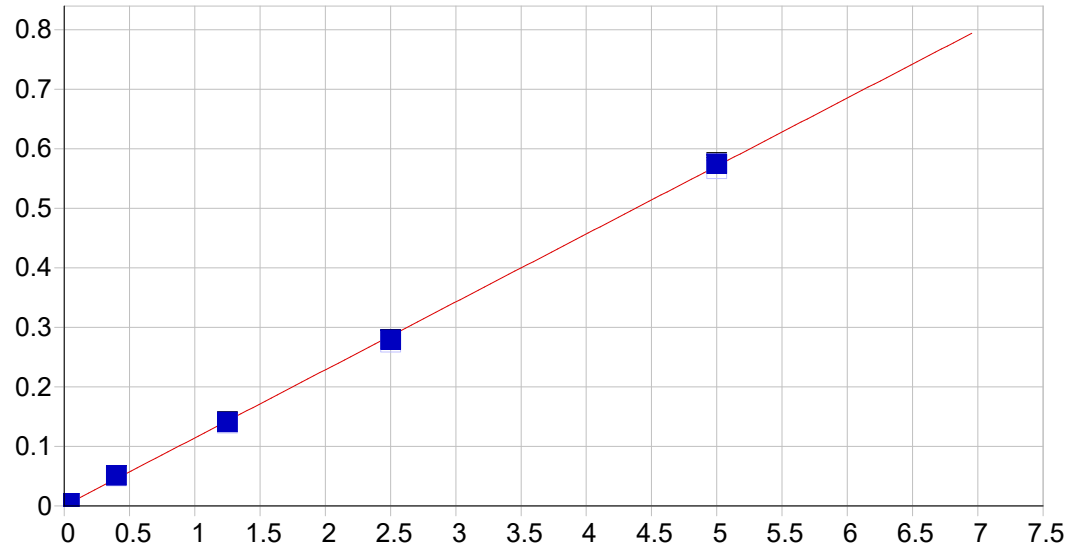
Na 589.592 { 57}

Date of Fit:	4/10/2025 9:56:04	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.010310	Re-Slope:	1.000000
A1 (Gain):	0.017473	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999376	Status:	OK.
Std Error of Est:	0.000327		
Predicted MDL:	0.009079		
Predicted MQL:	0.030263		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00020	-.000	.000	.01031	.000	1
S2	4.0000	4.5122	.512	12.8	.08915	.000	1
S3	12.500	12.336	-.164	-1.31	.22585	.001	1
S4	25.000	25.781	.781	3.13	.46080	.004	1
S5	50.000	48.915	-1.08	-2.17	.86502	.004	1
S1	2.0000	1.9555	-.044	-2.22	.04448	.000	1

Reviewed By:kareem
On:4/11/2025 10:25:08 AM
Inst Id :P4
LB :LB135373



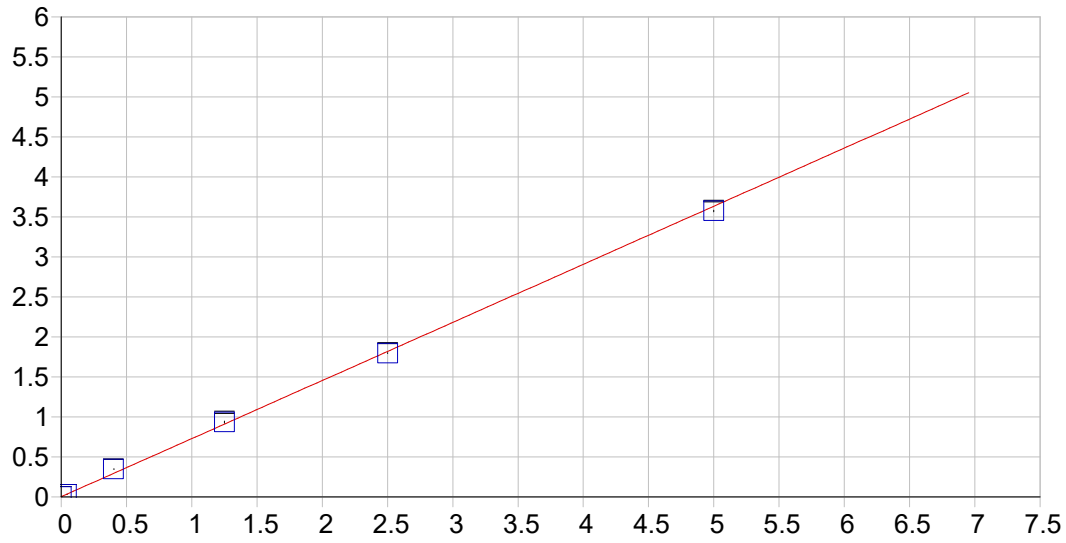
V 292.402 {115}

Date of Fit:	4/10/2025 9:56:04	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000119	Re-Slope:	1.000000
A1 (Gain):	0.114220	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999620	Status:	OK.
Std Error of Est:	0.000073		
Predicted MDL:	0.001610		
Predicted MQL:	0.005365		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00012	.000	1
S1	.04000	.03776	-.002	-5.60	.00426	.000	1
S3	1.2500	1.2341	-.016	-1.27	.13899	.000	1
S4	2.5000	2.4421	-.058	-2.32	.27489	.001	1
S5	5.0000	5.0317	.032	.634	.56651	.002	1
S2	.40000	.44434	.044	11.1	.05021	.000	1

Reviewed By:kareem
On:4/11/2025 10:25:08 AM
Inst Id :P4
LB :LB135373



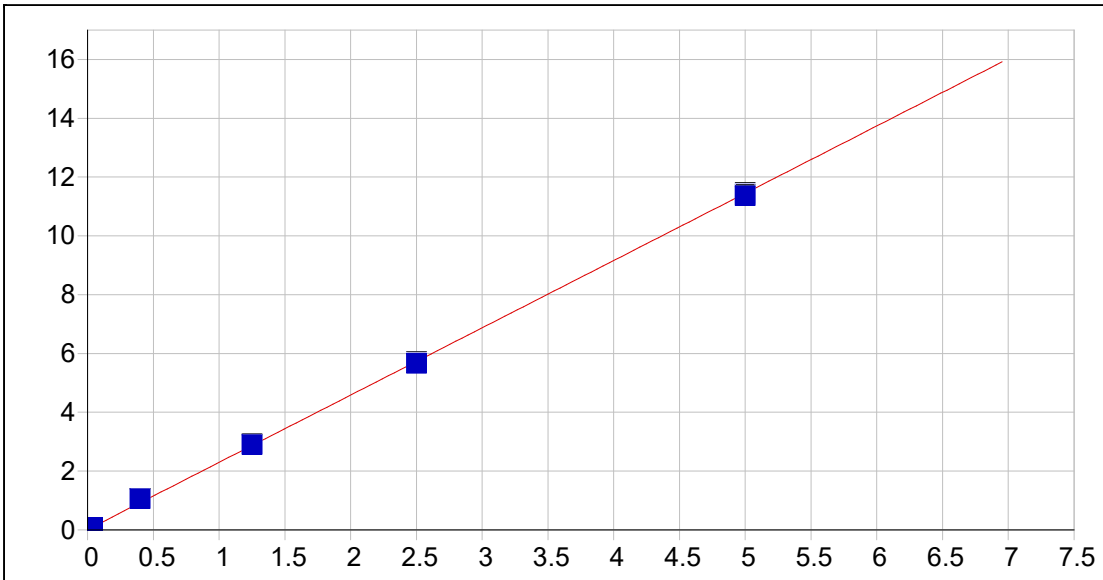
Zn 206.200 {464}

Date of Fit:	4/10/2025 9:56:04	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.002532	Re-Slope:	1.000000
A1 (Gain):	0.726208	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999095	Status:	OK.
Std Error of Est:	0.000726		
Predicted MDL:	0.000209		
Predicted MQL:	0.000697		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00253	.000	1
S1	.04000	.03988	-.000	-.296	.03149	.000	1
S3	1.2500	1.2842	.034	2.74	.93512	.014	1
S4	2.5000	2.4716	-.028	-1.13	1.7975	.006	1
S5	5.0000	4.9192	-.081	-1.62	3.5749	.011	1
S2	.40000	.47508	.075	18.8	.34754	.001	1

Reviewed By:kareem
On:4/11/2025 10:25:08 AM
Inst Id :P4
LB :LB135373



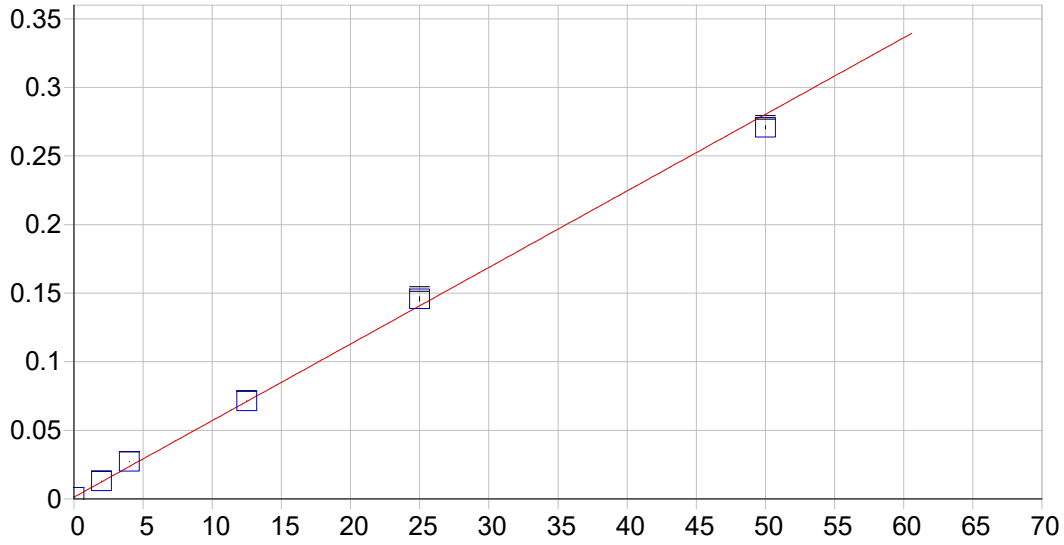
Zn 213.856 {158}

Date of Fit:	4/10/2025 9:56:04	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.009048	Re-Slope:	1.000000
A1 (Gain):	2.288293	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999482	Status:	OK.
Std Error of Est:	0.001742		
Predicted MDL:	0.000303		
Predicted MQL:	0.001011		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00904	.000	1
S1	.04000	.03861	-.001	-3.48	.09803	.001	1
S3	1.2500	1.2627	.013	1.01	2.9183	.005	1
S4	2.5000	2.4688	-.031	-1.25	5.6981	.025	1
S5	5.0000	4.9607	-.039	-.787	11.440	.031	1
S2	.40000	.45930	.059	14.8	1.0664	.005	1

Reviewed By:kareem
On:4/11/2025 10:25:08 AM
Inst Id :P4
LB :LB135373



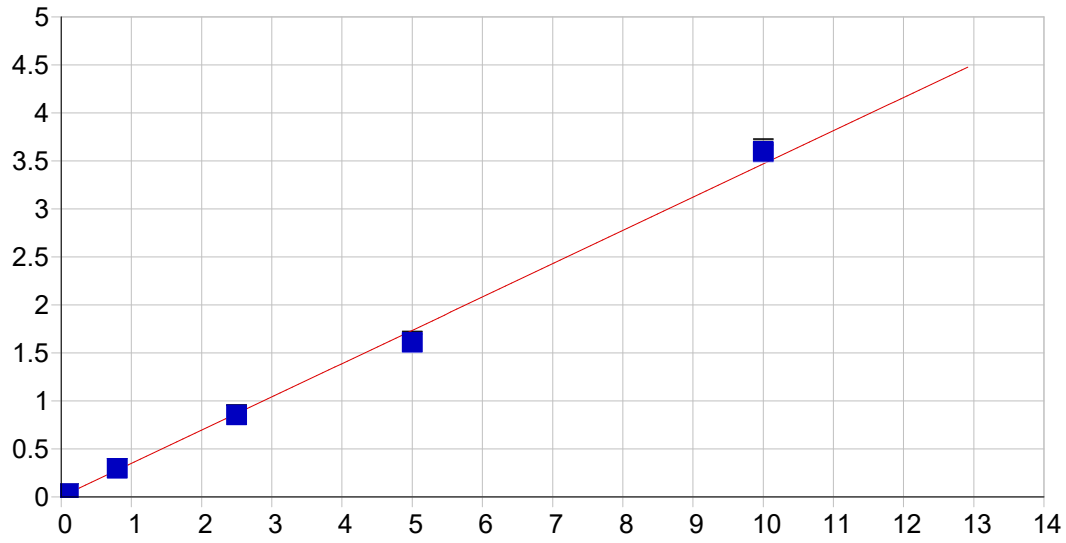
K 766.490 { 44}

Date of Fit:	4/10/2025 9:56:04	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.001284	Re-Slope:	1.000000
A1 (Gain):	0.005582	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.998951	Status:	OK.
Std Error of Est:	0.000135		
Predicted MDL:	0.029798		
Predicted MQL:	0.099327		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00043	-.000	.000	.00128	.000	1
S2	4.0000	4.6400	.640	16.0	.02718	.000	1
S3	12.500	12.574	.074	.596	.07147	.000	1
S4	25.000	25.888	.888	3.55	.14579	.002	1
S5	50.000	48.305	-1.70	-3.39	.27092	.001	1
S1	2.0000	2.0929	.093	4.65	.01297	.000	1

Reviewed By:kareem
On:4/11/2025 10:25:08 AM
Inst Id :P4
LB :LB135373



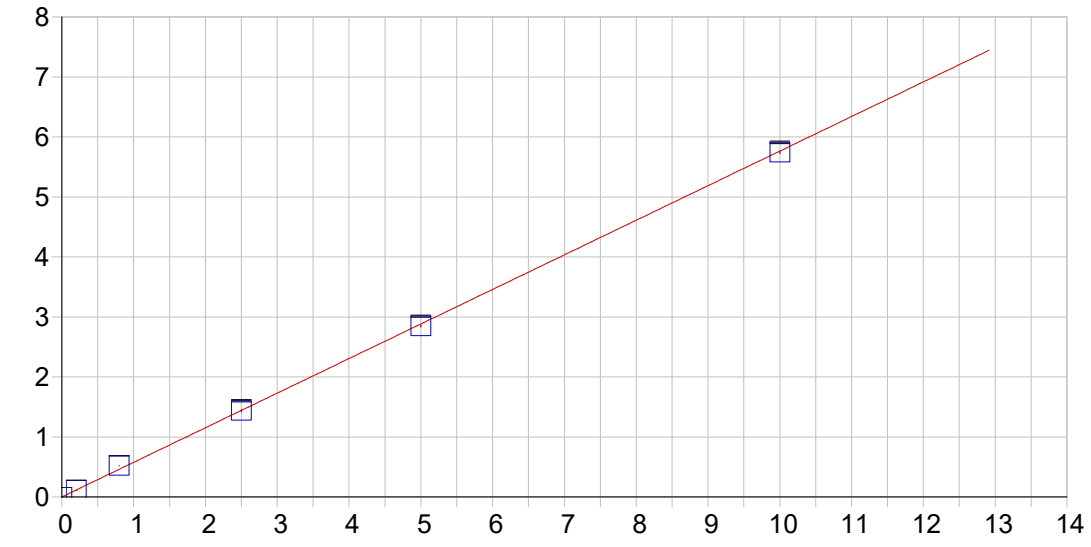
B 249.678 {135}

Date of Fit:	4/10/2025 9:56:04	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.003492	Re-Slope:	1.000000
A1 (Gain):	0.346429	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.998761	Status:	OK.
Std Error of Est:	0.000904		
Predicted MDL:	0.000649		
Predicted MQL:	0.002163		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00350	.000	1
S1	.10000	.09020	-.010	-9.80	.03456	.000	1
S3	2.5000	2.4516	-.048	-1.94	.85023	.002	1
S4	5.0000	4.6352	-.365	-7.30	1.6041	.013	1
S5	10.000	10.376	.376	3.76	3.5879	.029	1
S2	.80000	.84688	.047	5.86	.29606	.001	1

Reviewed By:kareem
On:4/11/2025 10:25:08 AM
Inst Id :P4
LB :LB135373



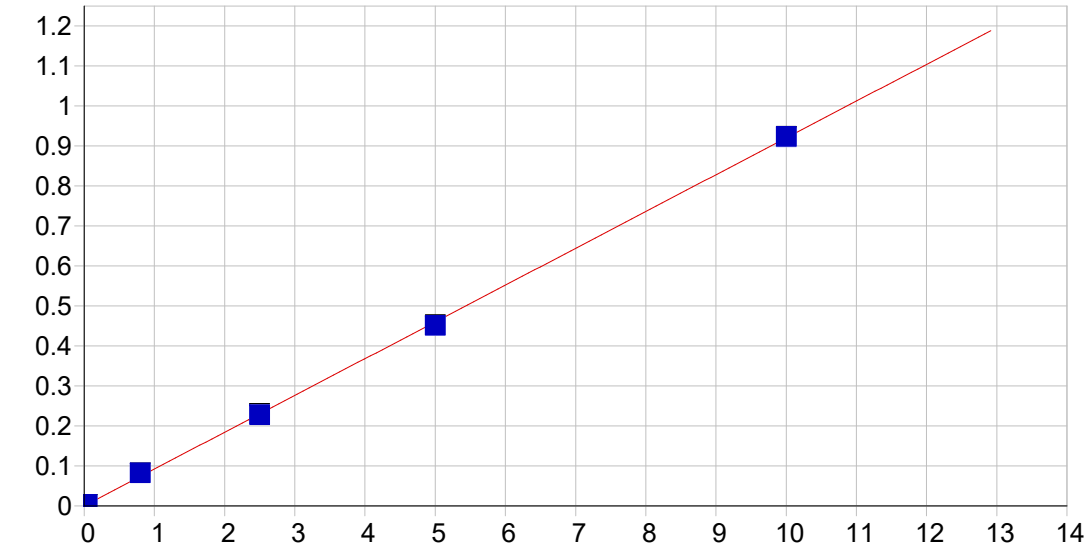
Mo 202.030 {467}

Date of Fit:	4/10/2025 9:56:04	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000418	Re-Slope:	1.000000
A1 (Gain):	0.576342	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999624	Status:	OK.
Std Error of Est:	0.001177		
Predicted MDL:	0.000275		
Predicted MQL:	0.000917		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	.00041	.000	1
S1	.20000	.19684	-.003	-1.58	.11387	.000	1
S3	2.5000	2.4948	-.005	-.210	1.4383	.019	1
S4	5.0000	4.9403	-.060	-1.19	2.8477	.016	1
S5	10.000	9.9661	-.034	-.339	5.7443	.019	1
S2	.80000	.90208	.102	12.8	.52033	.001	1

Reviewed By:kareem
On:4/11/2025 10:25:08 AM
Inst Id :P4
LB :LB135373



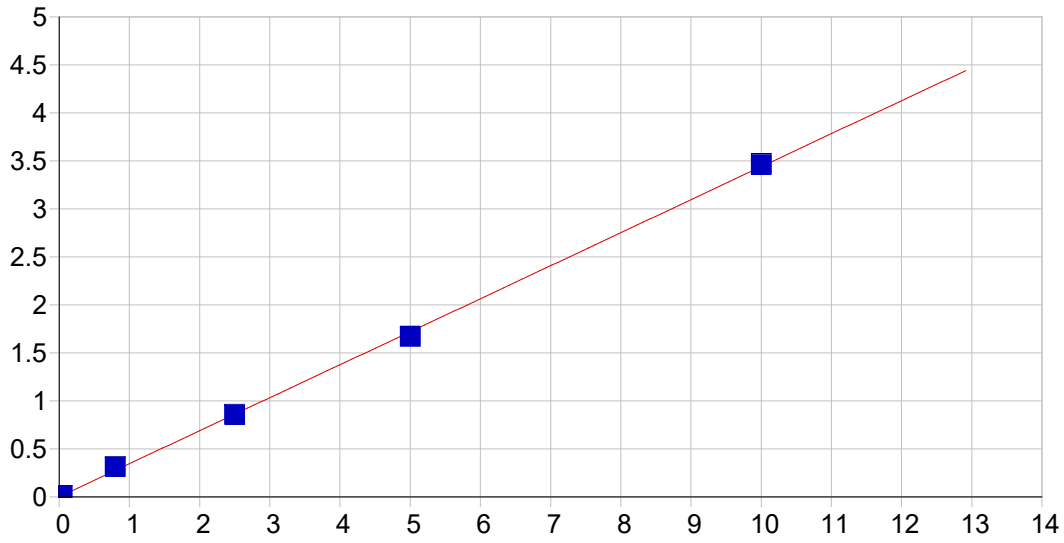
Sn 189.989 {478}

Date of Fit:	4/10/2025 9:56:04	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000155	Re-Slope:	1.000000
A1 (Gain):	0.092005	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999646	Status:	OK.
Std Error of Est:	0.000081		
Predicted MDL:	0.000825		
Predicted MQL:	0.002751		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00015	.000	1
S1	.04000	.03729	-.003	-6.78	.00358	.000	1
S3	2.5000	2.4746	-.025	-1.02	.22759	.003	1
S4	5.0000	4.9034	-.097	-1.93	.45082	.002	1
S5	10.000	10.033	.033	.329	.92229	.001	1
S2	.80000	.89184	.092	11.5	.08213	.000	1

Reviewed By:kareem
On:4/11/2025 10:25:08 AM
Inst Id :P4
LB :LB135373



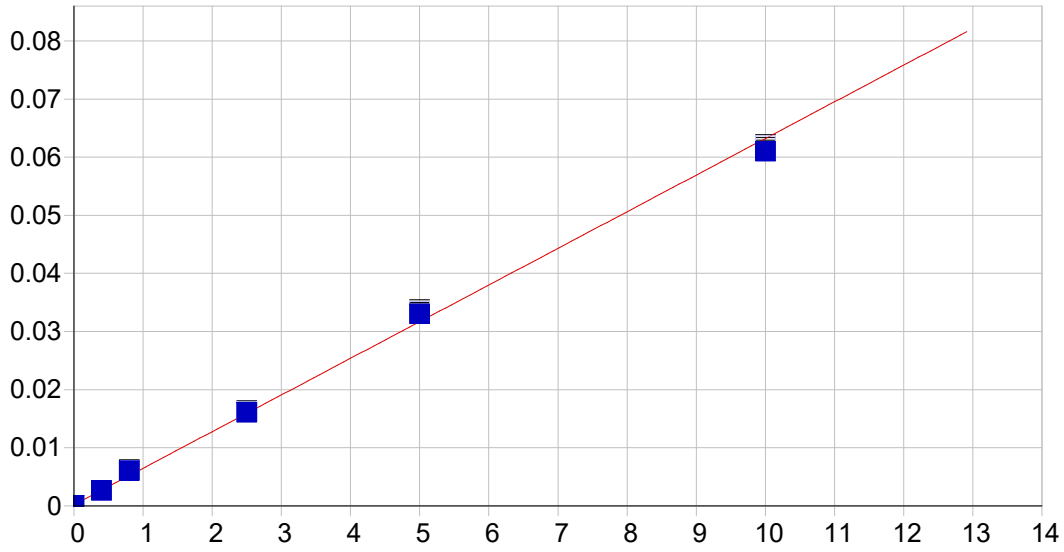
Ti 336.121 {100}

Date of Fit:	4/10/2025 9:56:04	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.001960	Re-Slope:	1.000000
A1 (Gain):	0.343757	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999506	Status:	OK.
Std Error of Est:	0.000358		
Predicted MDL:	0.000737		
Predicted MQL:	0.002455		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00196	.000	1
S1	.04000	.03932	-.001	-1.69	.01547	.000	1
S3	2.5000	2.4841	-.016	-.636	.85557	.004	1
S4	5.0000	4.8531	-.147	-2.94	1.6696	.004	1
S5	10.000	10.060	.060	.603	3.4590	.012	1
S2	.80000	.90320	.103	12.9	.31234	.000	1

Reviewed By:kareem
On:4/11/2025 10:25:08 AM
Inst Id :P4
LB :LB135373



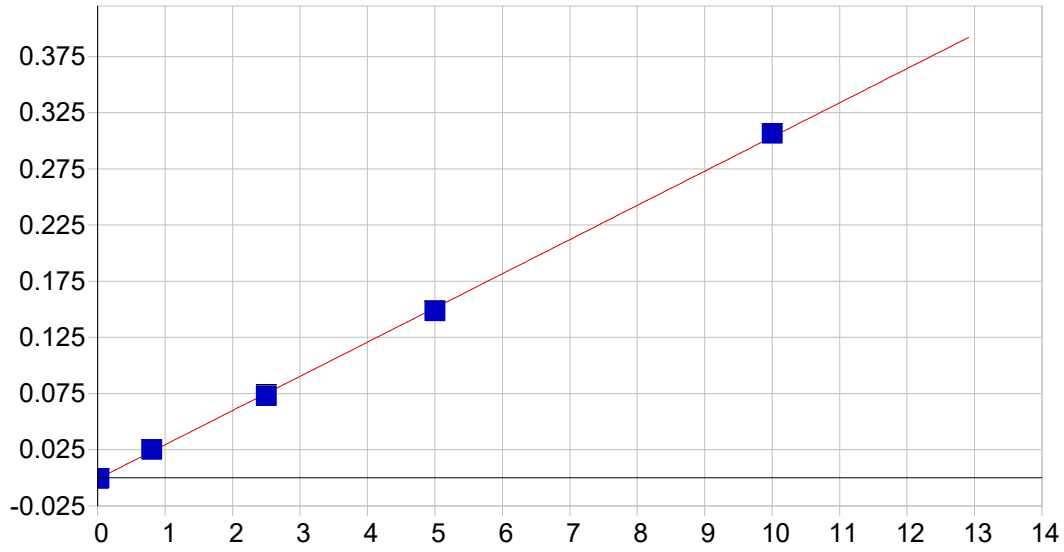
Si 288.158 {117}

Date of Fit:	4/10/2025 9:56:04	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000174	Re-Slope:	1.000000
A1 (Gain):	0.006305	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.998860	Status:	OK.
Std Error of Est:	0.000032		
Predicted MDL:	0.006021		
Predicted MQL:	0.020071		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00006	-.000	.000	.00017	.000	1
S1	.40000	.38827	-.012	-2.93	.00263	.000	1
S3	2.5000	2.5237	.024	.950	.01632	.000	1
S4	5.0000	5.2094	.209	4.19	.03349	.000	1
S5	10.000	9.6457	-.354	-3.54	.06194	.000	1
S2	.80000	.93281	.133	16.6	.00613	.000	1

Reviewed By:kareem
On:4/11/2025 10:25:08 AM
Inst Id :P4
LB :LB135373



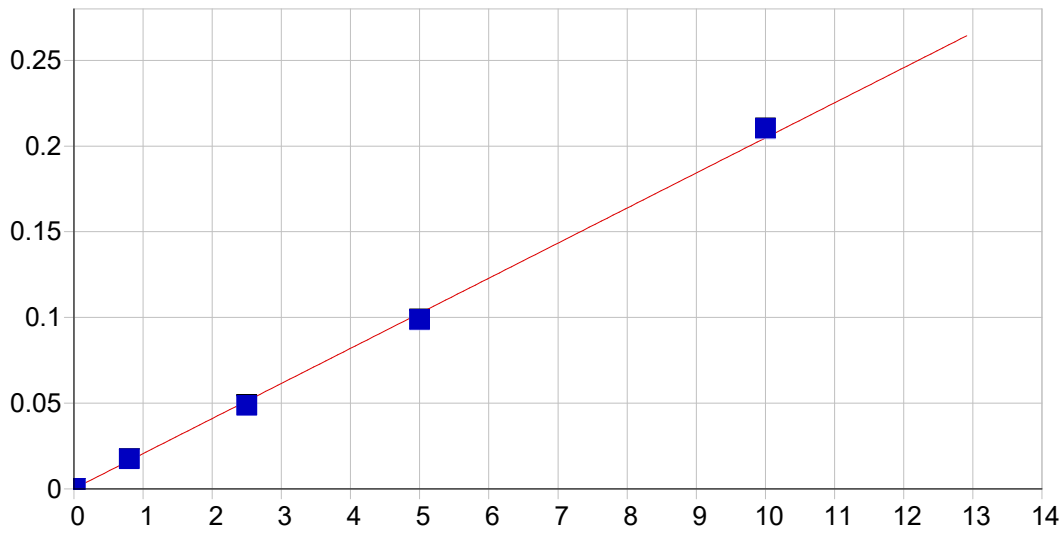
P 177.495 {490}

Date of Fit:	4/10/2025 9:56:04	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000995	Re-Slope:	1.000000
A1 (Gain):	0.030444	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999753	Status:	OK.
Std Error of Est:	0.000016		
Predicted MDL:	0.002719		
Predicted MQL:	0.009064		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00099	.000	1
S1	.02000	.01639	-.004	-18.1	-.00050	.000	1
S3	2.5000	2.4316	-.068	-2.74	.07302	.001	1
S4	5.0000	4.9111	-.089	-1.78	.14849	.000	1
S5	10.000	10.106	.106	1.06	.30661	.000	1
S2	.80000	.85527	.055	6.91	.02504	.000	1

Reviewed By:kareem
On:4/11/2025 10:25:08 AM
Inst Id :P4
LB :LB135373



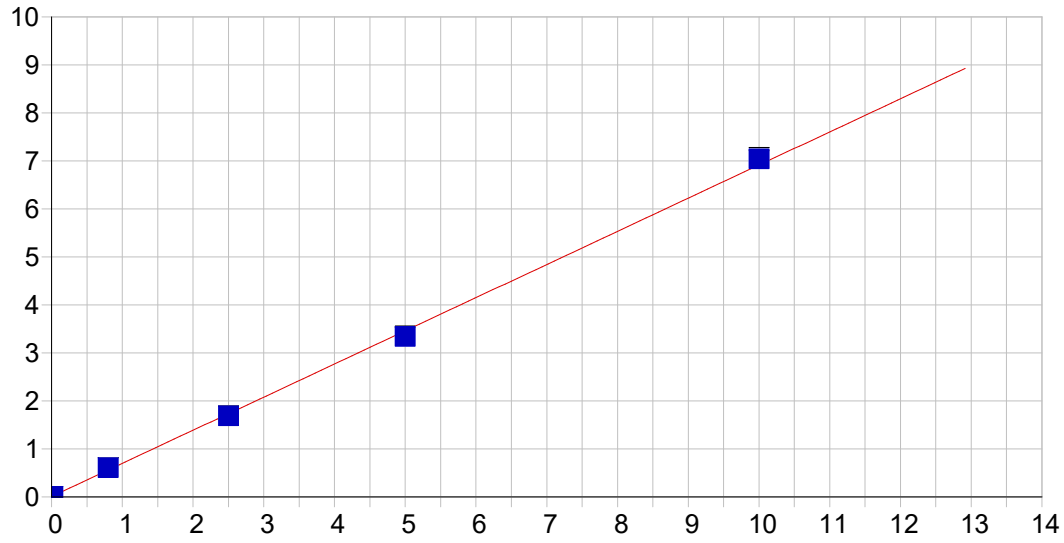
S 182.034 {485}

Date of Fit:	4/10/2025 9:56:04	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000159	Re-Slope:	1.000000
A1 (Gain):	0.020461	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999331	Status:	OK.
Std Error of Est:	0.000017		
Predicted MDL:	0.003508		
Predicted MQL:	0.011693		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00016	.000	1
S1	.02000	.01559	-.004	-22.0	.00046	.000	1
S3	2.5000	2.3725	-.127	-5.10	.04857	.001	1
S4	5.0000	4.8138	-.186	-3.72	.09839	.000	1
S5	10.000	10.272	.272	2.72	.20981	.000	1
S2	.80000	.84541	.045	5.68	.01741	.000	1

Reviewed By:kareem
On:4/11/2025 10:25:08 AM
Inst Id :P4
LB :LB135373



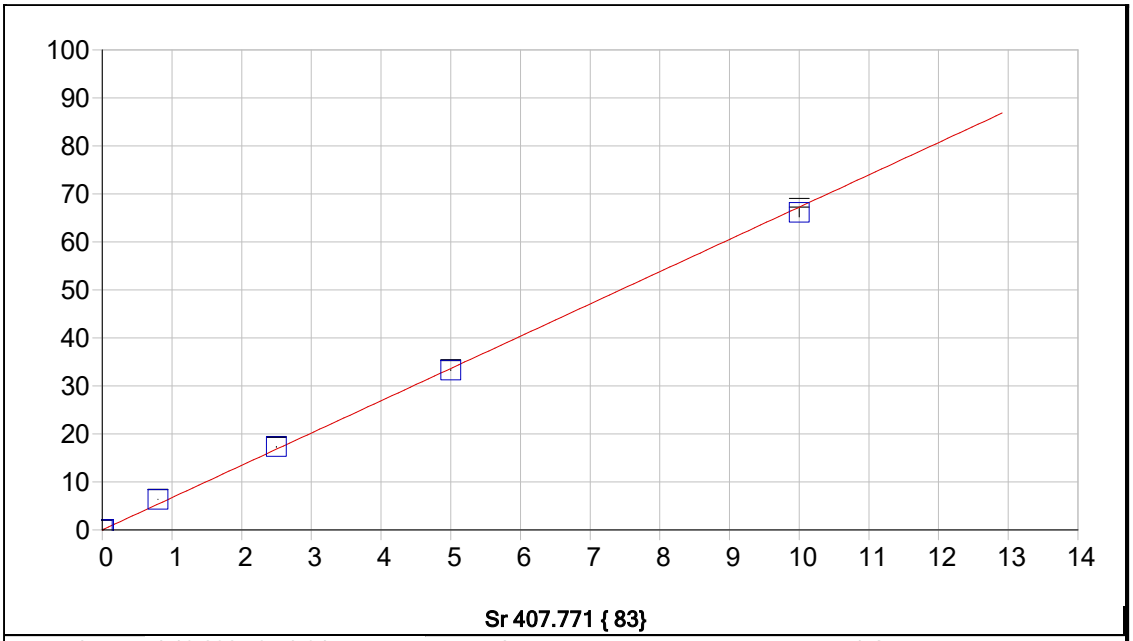
Li 670.784 { 50}

Date of Fit:	4/10/2025 9:56:04	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.006780	Re-Slope:	1.000000
A1 (Gain):	0.690720	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999491	Status:	OK.
Std Error of Est:	0.000517		
Predicted MDL:	0.001116		
Predicted MQL:	0.003721		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00678	.000	1
S5	10.000	10.178	.178	1.78	7.0402	.031	1
S4	5.0000	4.8237	-.176	-3.53	3.3403	.011	1
S3	2.5000	2.4296	-.070	-2.81	1.6858	.008	1
S1	.02000	.01624	-.004	-18.8	.01822	.000	1
S2	.80000	.87280	.073	9.10	.60992	.003	1

Reviewed By:kareem
On:4/11/2025 10:25:08 AM
Inst Id :P4
LB :LB135373



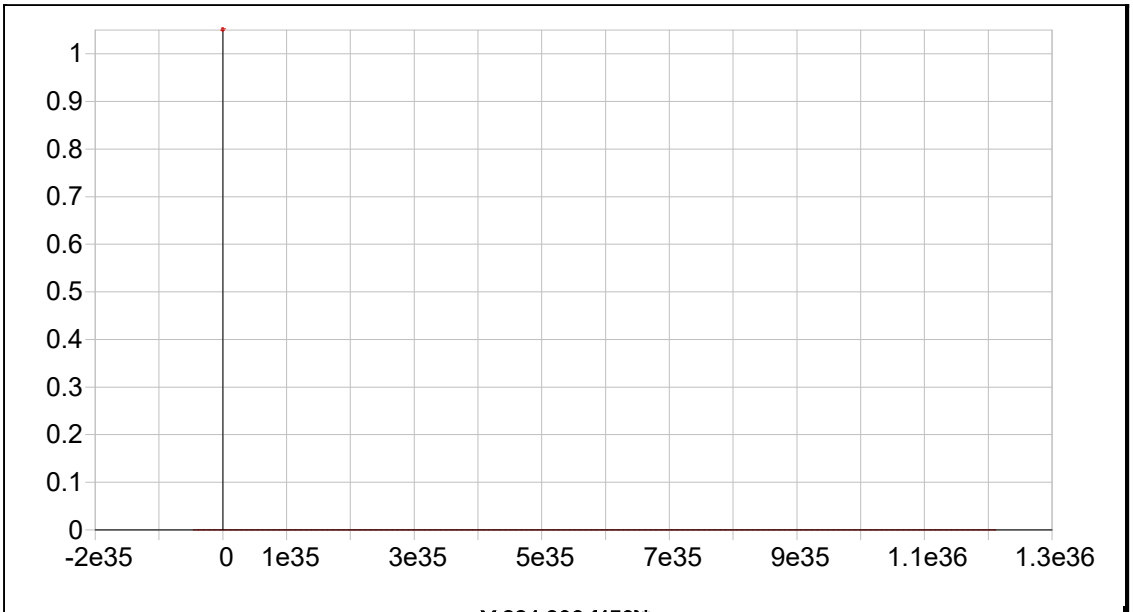
Sr 407.771 { 83}

Date of Fit:	4/10/2025 9:56:04	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.002523	Re-Slope:	1.000000
A1 (Gain):	6.724150	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999142	Status:	OK.
Std Error of Est:	0.006531		
Predicted MDL:	0.000074		
Predicted MQL:	0.000248		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00250	.000	1
S1	.02000	.02000	.000	.024	.13704	.001	1
S3	2.5000	2.5743	.074	2.97	17.312	.112	1
S4	5.0000	4.9488	-.051	-1.02	33.279	.113	1
S5	10.000	9.8328	-.167	-1.67	66.120	.890	1
S2	.80000	.94410	.144	18.0	6.3508	.016	1

Reviewed By:kareem
On:4/11/2025 10:25:08 AM
Inst Id :P4
LB :LB135373

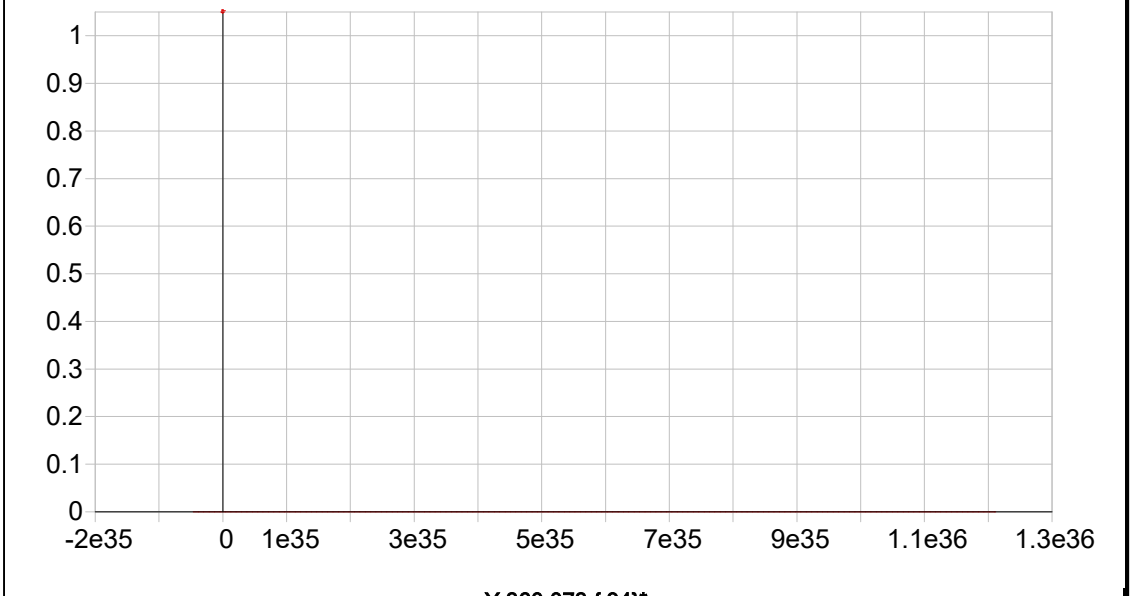


Y 224.306 {450}*

Date of Fit:	4/9/2025 13:12:50	Type of Fit:	Linear	Weighting:	1/Conc

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

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



Y 360.073 { 94}*

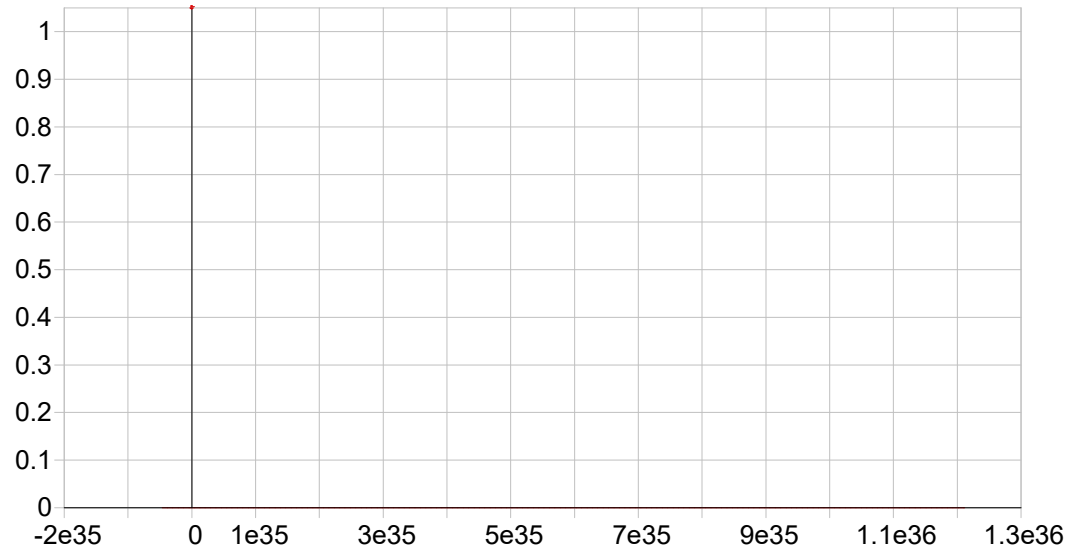
Date of Fit:	<not fit>	Type of Fit:	Linear	Weighting:	1/Conc

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

Reviewed By:kareem
On:4/11/2025 10:25:08 AM
Inst Id :P4
LB :LB135373

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

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



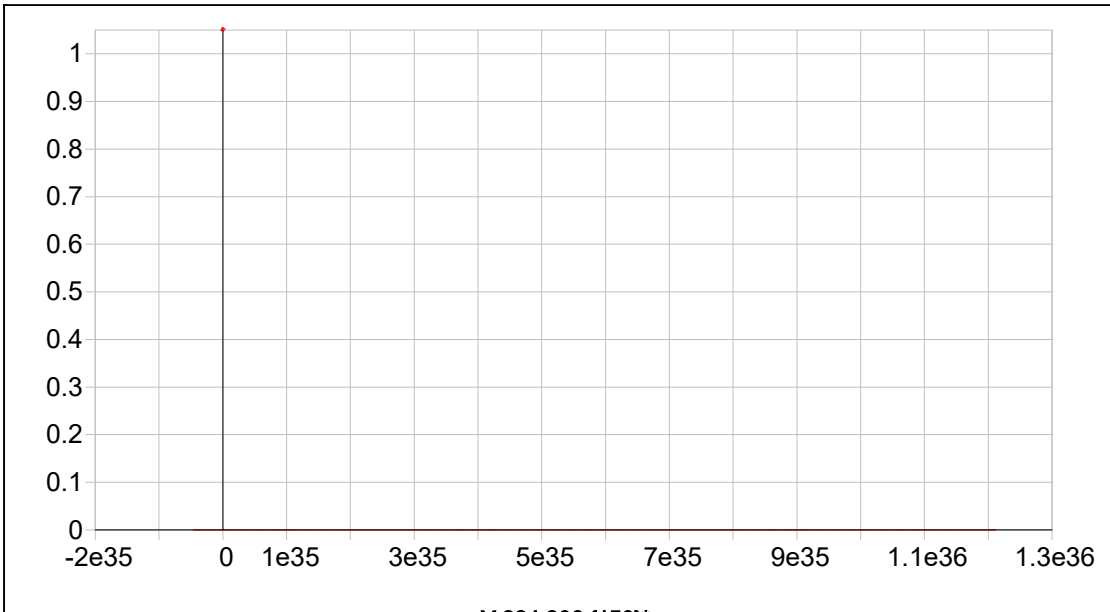
Y 371.030 { 91}*

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

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

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

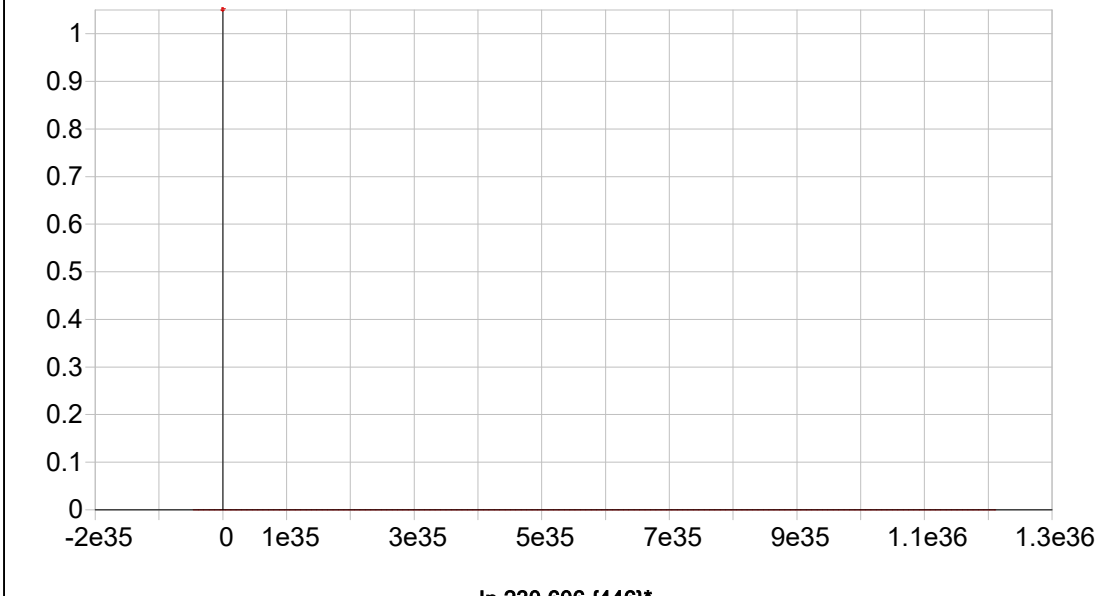
Reviewed By:kareem
On:4/11/2025 10:25:08 AM
Inst Id :P4
LB :LB135373



Y 224.306 {150}*

Date of Fit:	<not fit>	Type of Fit:	Linear	Weighting:	1/Conc
A0 (Offset):	0.000000		Re-Slope:	1.000000	
A1 (Gain):	0.000000		Y-int:	0.000000	
A2 (Curvature):	0.000000				
n (Exponent):	1.000000				
Correlation:	0.000000		Status:	Warning	Zero Gain
Std Error of Est:	0.000000				
Predicted MDL:	n/a				
Predicted MQL:	n/a				

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



In 230.606 {446}*

Date of Fit:	<not fit>	Type of Fit:	Linear	Weighting:	1/Conc
A0 (Offset):	0.000000		Re-Slope:	1.000000	
A1 (Gain):	0.000000		Y-int:	0.000000	

Reviewed By:kareem
On:4/11/2025 10:25:08 AM
Inst Id :P4
LB :LB135373

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

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

Reviewed By:kareem
On:4/11/2025 10:25:08 AM
Inst Id :P4
LB :LB135373

Sample Name: S0 Acquired: 4/10/2025 9:30:36 Type: Cal
Method: NON EPA-6010-200.7(v2904) 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	-.00008	.00001	-.00001	.00034	.00028	.00059	.03095	-.00025
Stddev	.00004	.00005	.00009	.00005	.00007	.00007	.00128	.00010
%RSD	43.657	596.22	1278.3	15.433	23.545	11.280	4.1268	41.086
#1	-.00010	-.00002	-.00001	.00028	.00036	.00064	.02973	-.00019
#2	-.00004	-.00002	.00009	.00036	.00024	.00061	.03083	-.00037
#3	-.00010	.00007	-.00010	.00038	.00025	.00051	.03228	-.00020

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	.00020	.00090	.00012	.00016	-.00049	.00006	.00223	-.00008
Stddev	.00014	.00006	.00002	.00020	.00025	.00001	.00015	.00013
%RSD	68.807	7.1574	17.321	130.17	51.990	14.656	6.7921	154.98
#1	.00017	.00097	.00009	.00034	-.00065	.00005	.00206	-.00002
#2	.00008	.00084	.00012	.00019	-.00020	.00006	.00234	.00000
#3	.00036	.00091	.00013	-.00006	-.00063	.00006	.00230	-.00023

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	-.00003	-.00121	.01031	.00012	.00904	.00128	.00350	.00041
Stddev	.00025	.00002	.00012	.00006	.00048	.00010	.00010	.00006
%RSD	737.24	1.7633	1.1785	54.198	5.2713	7.9551	2.9083	13.945
#1	.00011	-.00120	.01020	.00005	.00879	.00135	.00344	.00035
#2	.00011	-.00123	.01028	.00015	.00874	.00117	.00361	.00047
#3	-.00032	-.00119	.01044	.00017	.00959	.00133	.00343	.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	.00015	.00196	.00017	-.00099	.00016	.00678	.00250
Stddev	.00002	.00006	.00000	.00008	.00007	.00046	.00043
%RSD	15.893	3.0035	2.1007	7.7949	41.798	6.8227	17.322
#1	.00014	.00189	.00018	-.00108	.00009	.00655	.00200
#2	.00015	.00198	.00018	-.00097	.00022	.00731	.00269
#3	.00018	.00201	.00017	-.00093	.00016	.00648	.00280

Reviewed By:kareem
On:4/11/2025 10:25:08 AM
Inst Id :P4
LB :LB135373

Sample Name: S0 Acquired: 4/10/2025 9:30:36 Type: Cal
Method: NON EPA-6010-200.7(v2904) 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	3607.1	85561.	14797.	2562.3	5708.3
Stddev	5.7	276.	88.	11.9	13.3
%RSD	.15713	.32301	.59442	.46430	.23297
#1	3605.2	85252.	14897.	2551.2	5706.8
#2	3613.5	85783.	14761.	2574.9	5722.3
#3	3602.6	85648.	14733.	2560.9	5695.8

Reviewed By:kareem
On:4/11/2025 10:25:08 AM
Inst Id :P4
LB :LB135373

Sample Name: S1 Acquired: 4/10/2025 9:35:03 Type: Cal
Method: NON EPA-6010-200.7(v2904) 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	.00084	.00199	.00187	.00121	.00622	.01045	.22067	.02005
Stddev	.00008	.00009	.00015	.00005	.00012	.00053	.00206	.00019
%RSD	9.7510	4.3008	7.8994	4.4766	1.9436	5.0751	.93372	.94498
#1	.00084	.00195	.00180	.00124	.00623	.01101	.21837	.01983
#2	.00076	.00208	.00204	.00125	.00634	.00995	.22234	.02016
#3	.00093	.00192	.00177	.00115	.00610	.01040	.22131	.02017

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	.01174	.07908	.00152	.02110	.01324	.00048	.00953	.02467
Stddev	.00011	.00009	.00005	.00035	.00011	.00002	.00012	.00033
%RSD	.90715	.11128	3.0186	1.6521	.80489	4.5522	1.2247	1.3180
#1	.01163	.07903	.00156	.02082	.01335	.00047	.00948	.02450
#2	.01184	.07918	.00147	.02149	.01314	.00046	.00945	.02446
#3	.01175	.07902	.00153	.02098	.01321	.00050	.00967	.02504

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	.02138	.00123	.04448	.00426	.09803	.01297	.03456	.11387
Stddev	.00021	.00006	.00034	.00010	.00091	.00006	.00019	.00021
%RSD	.99578	5.2281	.77407	2.3512	.93206	.48558	.55395	.18013
#1	.02161	.00116	.04420	.00420	.09709	.01302	.03439	.11404
#2	.02120	.00128	.04437	.00421	.09810	.01298	.03451	.11364
#3	.02132	.00126	.04487	.00438	.09891	.01290	.03477	.11392

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	.00358	.01547	.00263	-.00050	.00046	.01822	.13704
Stddev	.00010	.00014	.00001	.00010	.00006	.00026	.00055
%RSD	2.9126	.88999	.43306	20.609	13.105	1.4539	.39871
#1	.00346	.01551	.00264	-.00059	.00043	.01819	.13656
#2	.00363	.01558	.00262	-.00050	.00053	.01797	.13692
#3	.00365	.01531	.00262	-.00039	.00043	.01850	.13763

Reviewed By:kareem
On:4/11/2025 10:25:08 AM
Inst Id :P4
LB :LB135373

Sample Name: S1 Acquired: 4/10/2025 9:35:03 Type: Cal
Method: NON EPA-6010-200.7(v2904) 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	3555.9	84282.	16067.	2504.5	5581.0
Stddev	4.3	265.	34.	6.5	10.3
%RSD	.12168	.31477	.21001	.25822	.18437
#1	3551.5	84491.	16078.	2505.1	5571.5
#2	3560.2	84371.	16094.	2510.7	5579.6
#3	3556.1	83983.	16029.	2497.8	5591.9

Reviewed By:kareem
On:4/11/2025 10:25:08 AM
Inst Id :P4
LB :LB135373

Sample Name: S2 Acquired: 4/10/2025 9:39:25 Type: Cal
Method: NON EPA-6010-200.7(v2904) 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	.03985	.04726	.15746	.04448	.10554	.17192	3.5608	.16096
Stddev	.00019	.00014	.00076	.00010	.00001	.00082	.0108	.00030
%RSD	.48816	.29438	.48037	.22640	.00513	.47714	.30287	.18691
#1	.03976	.04740	.15762	.04452	.10554	.17176	3.5497	.16075
#2	.03971	.04725	.15663	.04437	.10554	.17120	3.5613	.16131
#3	.04007	.04712	.15812	.04456	.10555	.17281	3.5713	.16083

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	.90412	.18137	.02782	.32434	.14487	.00421	.19935	.05333
Stddev	.00274	.00092	.00010	.00068	.00026	.00005	.00029	.00020
%RSD	.30353	.50859	.35682	.20860	.18198	1.0867	.14620	.38351
#1	.90404	.18199	.02793	.32405	.14515	.00424	.19950	.05355
#2	.90141	.18181	.02779	.32385	.14463	.00415	.19901	.05329
#3	.90690	.18031	.02773	.32511	.14484	.00423	.19953	.05315

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	.25165	.05508	.08915	.05021	1.0664	.02718	.29606	.52033
Stddev	.00058	.00007	.00042	.00033	.0046	.00019	.00131	.00146
%RSD	.23224	.12633	.47304	.66367	.43331	.70813	.44246	.28049
#1	.25159	.05503	.08877	.04984	1.0611	.02713	.29618	.51998
#2	.25110	.05516	.08908	.05027	1.0690	.02703	.29730	.51907
#3	.25227	.05505	.08961	.05050	1.0692	.02740	.29469	.52193

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	.08213	.31234	.00613	.02504	.01741	.60992	6.3508
Stddev	.00012	.00030	.00008	.00015	.00009	.00295	.0159
%RSD	.15205	.09632	1.2842	.59365	.52151	.48439	.25093
#1	.08200	.31202	.00617	.02487	.01738	.60761	6.3343
#2	.08224	.31239	.00604	.02509	.01735	.60889	6.3521
#3	.08217	.31262	.00619	.02516	.01752	.61325	6.3661

Reviewed By:kareem
On:4/11/2025 10:25:08 AM
Inst Id :P4
LB :LB135373

Sample Name: S2 Acquired: 4/10/2025 9:39:25 Type: Cal
Method: NON EPA-6010-200.7(v2904) 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	3515.7	83404.	15468.	2487.6	5447.3
Stddev	2.0	39.	44.	9.5	4.1
%RSD	.05758	.04654	.28398	.38336	.07515
#1	3517.6	83407.	15457.	2498.6	5448.1
#2	3515.8	83441.	15431.	2481.3	5451.0
#3	3513.6	83363.	15517.	2483.0	5442.9

Reviewed By:kareem
On:4/11/2025 10:25:08 AM
Inst Id :P4
LB :LB135373

Sample Name: S3 Acquired: 4/10/2025 9:43:32 Type: Cal
Method: NON EPA-6010-200.7(v2904) 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	.11184	.13178	.43634	.12358	.29470	.47824	9.6327	.46431
Stddev	.00168	.00179	.00652	.00151	.00370	.00124	.0636	.00108
%RSD	1.5005	1.3584	1.4936	1.2251	1.2554	.25969	.66079	.23358
#1	.11262	.13226	.44116	.12440	.29714	.47709	9.6720	.46534
#2	.11299	.13328	.43892	.12451	.29653	.47956	9.6669	.46443
#3	.10992	.12980	.42892	.12184	.29045	.47808	9.5593	.46318

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	2.5009	.49721	.07779	.89335	.39584	.01054	.53692	.14933
Stddev	.0396	.00091	.00019	.01471	.00564	.00002	.00201	.00060
%RSD	1.5832	.18226	.24889	1.6469	1.4254	.18573	.37420	.40125
#1	2.5282	.49797	.07777	.90352	.39946	.01052	.53907	.14884
#2	2.5191	.49745	.07761	.90005	.39872	.01056	.53662	.15000
#3	2.4555	.49621	.07799	.87648	.38934	.01054	.53508	.14915

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	.69418	.15371	.22585	.13899	2.9183	.07147	.85023	1.4383
Stddev	.01065	.00031	.00055	.00033	.0053	.00008	.00239	.0187
%RSD	1.5338	.20176	.24530	.23486	.18187	.11083	.28110	1.3013
#1	.70093	.15386	.22549	.13937	2.9185	.07155	.85092	1.4488
#2	.69971	.15336	.22558	.13883	2.9129	.07140	.85220	1.4493
#3	.68191	.15392	.22649	.13878	2.9235	.07147	.84757	1.4166

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	.22759	.85557	.01632	.07302	.04857	1.6858	17.312
Stddev	.00320	.00365	.00007	.00111	.00065	.0083	.112
%RSD	1.4079	.42651	.40681	1.5250	1.3398	.49280	.64555
#1	.22967	.85841	.01635	.07373	.04906	1.6912	17.440
#2	.22920	.85685	.01625	.07360	.04882	1.6901	17.235
#3	.22390	.85146	.01637	.07174	.04783	1.6763	17.262

Reviewed By:kareem
On:4/11/2025 10:25:08 AM
Inst Id :P4
LB :LB135373

Sample Name: S3 Acquired: 4/10/2025 9:43:32 Type: Cal
Method: NON EPA-6010-200.7(v2904) 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	3452.4	81357.	14543.	2374.2	5288.7
Stddev	37.4	141.	58.	4.9	70.6
%RSD	1.0834	.17312	.39950	.20516	1.3345
#1	3430.8	81454.	14530.	2376.6	5243.3
#2	3430.8	81421.	14492.	2377.4	5252.8
#3	3495.6	81195.	14606.	2368.6	5370.0

Reviewed By:kareem
On:4/11/2025 10:25:08 AM
Inst Id :P4
LB :LB135373

Sample Name: S4 Acquired: 4/10/2025 9:47:39 Type: Cal
Method: NON EPA-6010-200.7(v2904) 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	.22570	.25877	.85805	.24845	.59713	.95348	18.521	.86906
Stddev	.00140	.00410	.00329	.00251	.00507	.00064	.176	.00570
%RSD	.62065	1.5835	.38320	1.0106	.84899	.06733	.95140	.65643
#1	.22470	.25423	.85506	.24700	.59279	.95371	18.404	.86316
#2	.22511	.25990	.85751	.24699	.59589	.95276	18.434	.86946
#3	.22731	.26219	.86157	.25135	.60270	.95399	18.723	.87455

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	4.9555	.96406	.15191	1.7631	.77850	.02070	1.0208	.29351
Stddev	.0127	.00139	.00056	.0055	.00402	.00024	.0012	.00144
%RSD	.25595	.14367	.37038	.31086	.51701	1.1667	.11462	.49198
#1	4.9450	.96324	.15229	1.7587	.77607	.02092	1.0203	.29305
#2	4.9518	.96329	.15216	1.7615	.77628	.02074	1.0221	.29236
#3	4.9696	.96566	.15126	1.7693	.78314	.02044	1.0199	.29513

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	1.3731	.30248	.46080	.27489	5.6981	.14579	1.6041	2.8477
Stddev	.0052	.00026	.00436	.00071	.0248	.00158	.0128	.0165
%RSD	.37508	.08580	.94625	.25764	.43525	1.0816	.79921	.57866
#1	1.3693	.30269	.46483	.27492	5.7156	.14703	1.5937	2.8350
#2	1.3711	.30219	.46140	.27558	5.6697	.14633	1.6003	2.8417
#3	1.3790	.30256	.45617	.27416	5.7090	.14401	1.6184	2.8663

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	.45082	1.6696	.03349	.14849	.09839	3.3403	33.279
Stddev	.00157	.0037	.00024	.00029	.00046	.0114	.113
%RSD	.34891	.22143	.71982	.19288	.46439	.33972	.33814
#1	.44929	1.6718	.03371	.14881	.09793	3.3445	33.402
#2	.45074	1.6718	.03353	.14825	.09839	3.3490	33.180
#3	.45244	1.6654	.03323	.14842	.09884	3.3275	33.256

Reviewed By:kareem
On:4/11/2025 10:25:08 AM
Inst Id :P4
LB :LB135373

Sample Name: S4 Acquired: 4/10/2025 9:47:39 Type: Cal
Method: NON EPA-6010-200.7(v2904) 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	3306.9	78896.	14744.	2234.4	5028.2
Stddev	13.2	292.	89.	18.1	14.0
%RSD	.39822	.37011	.60189	.80900	.27818
#1	3312.9	78560.	14812.	2216.8	5037.8
#2	3315.9	79088.	14777.	2252.9	5034.7
#3	3291.8	79040.	14644.	2233.5	5012.2

Reviewed By:kareem
On:4/11/2025 10:25:08 AM
Inst Id :P4
LB :LB135373

Sample Name: S5 Acquired: 4/10/2025 9:51:52 Type: Cal
Method: NON EPA-6010-200.7(v2904) 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	.46714	.52533	1.7473	.51352	1.2381	2.0163	37.609	1.9482
Stddev	.00232	.00337	.0017	.00185	.0043	.0069	.559	.0160
%RSD	.49718	.64063	.09441	.36079	.34447	.34146	1.4874	.82261
#1	.46491	.52322	1.7485	.51174	1.2334	2.0143	37.961	1.9419
#2	.46697	.52357	1.7455	.51340	1.2390	2.0107	36.964	1.9362
#3	.46955	.52921	1.7481	.51544	1.2418	2.0240	37.903	1.9664

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	10.069	1.9658	.30218	3.5924	1.5632	.03784	2.0799	.61184
Stddev	.013	.0069	.00046	.0054	.0052	.00036	.0045	.00260
%RSD	.12694	.35260	.15134	.14966	.33449	.94344	.21556	.42467
#1	10.059	1.9631	.30177	3.5877	1.5582	.03798	2.0756	.61061
#2	10.066	1.9606	.30209	3.5911	1.5627	.03810	2.0794	.61007
#3	10.084	1.9736	.30267	3.5983	1.5686	.03743	2.0846	.61482

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	2.7949	.61982	.86502	.56651	11.440	.27092	3.5879	5.7443
Stddev	.0019	.00023	.00431	.00235	.031	.00129	.0292	.0192
%RSD	.06653	.03694	.49817	.41521	.27096	.47460	.81367	.33445
#1	2.7929	.61972	.86514	.56542	11.468	.27129	3.5740	5.7271
#2	2.7952	.62008	.86926	.56491	11.445	.27198	3.5682	5.7408
#3	2.7966	.61966	.86065	.56921	11.407	.26949	3.6214	5.7650

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	.92229	3.4590	.06194	.30661	.20981	7.0402	66.120
Stddev	.00114	.0117	.00024	.00008	.00016	.0314	.890
%RSD	.12376	.33709	.39499	.02653	.07428	.44666	1.3456
#1	.92119	3.4507	.06172	.30654	.20963	7.0062	66.111
#2	.92223	3.4539	.06220	.30660	.20991	7.0460	65.234
#3	.92347	3.4723	.06189	.30670	.20989	7.0682	67.014

Reviewed By:kareem
On:4/11/2025 10:25:08 AM
Inst Id :P4
LB :LB135373

Sample Name: S5 Acquired: 4/10/2025 9:51:52 Type: Cal
Method: NON EPA-6010-200.7(v2904) 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	3154.6	76472.	12711.	2110.2	4716.3
Stddev	8.7	164.	91.	14.0	6.1
%RSD	.27709	.21496	.71619	.66293	.12907
#1	3158.5	76323.	12731.	2095.0	4714.3
#2	3160.7	76445.	12790.	2112.8	4723.1
#3	3144.6	76649.	12612.	2122.6	4711.4

Reviewed By:kareem
On:4/11/2025 10:25:08 AM
Inst Id :P4
LB :LB135373

Sample Name: ICV01 Acquired: 4/10/2025 10:09:48 Type: Unk
Method: NON EPA-6010-200.7(v2912) 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	.9847964	1.019649	.9512114	1.033103	1.001121	2.375501
Stddev	.0047460	.007811	.0010732	.002346	.004621	.003377
%RSD	.4819246	.7660296	.1128256	.2271288	.4615825	.1421711
#1	.9878783	1.027011	.9520886	1.033731	.996614	2.377885
#2	.9793310	1.011456	.9515309	1.030506	1.000900	2.371636
#3	.9871797	1.020480	.9500148	1.035071	1.005848	2.376981

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5338797	.4691498	.4833567	9.297973	.5051040	.4884050
Stddev	.0018043	.0041168	.0003990	.065655	.0008917	.0007329
%RSD	.3379688	.8774975	.0825426	.7061201	.1765283	.1500516
#1	.5359504	.4711668	.4835810	9.317367	.5042157	.4887981
#2	.5326445	.4718691	.4828961	9.351746	.5059989	.4875594
#3	.5330442	.4644135	.4835931	9.224805	.5050974	.4888574

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5174279	10.32463	.4684399	5.415083	.4965128	.2447265
Stddev	.0014056	.05193	.0027077	.047895	.0009300	.0001901
%RSD	.2716567	.5029553	.5780239	.8844792	.1872961	.0776879
#1	.5171348	10.36306	.4697477	5.404372	.4974297	.2446867
#2	.5161919	10.26556	.4702454	5.467427	.4955703	.2445595
#3	.5189570	10.34528	.4653265	5.373450	.4965383	.2449334

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.28948	.4599615	.9961496	10.21207	F 2.121679	2.537144
Stddev	.08953	.0014943	.0022210	.09392	.013049	.005776
%RSD	.8701484	.3248653	.2229582	.9196814	.6150274	.2276504
#1	10.25471	.4592230	.9944492	10.25095	2.128385	2.538298
#2	10.22256	.4616812	.9953371	10.10496	2.130011	2.530878
#3	10.39119	.4589803	.9986624	10.28031	2.106640	2.542255

Reviewed By:kareem
On:4/11/2025 10:25:08 AM
Inst Id :P4
LB :LB135373

Sample Name: ICV01 Acquired: 4/10/2025 10:09:48 Type: Unk
Method: NON EPA-6010-200.7(v2912) 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	2.418315	2.349501	2.287021	F -.002095	F -.005767	F -.000208
Stddev	.000735	.005332	.017971	.003038	.002073	.000056
%RSD	.0304061	.2269561	.7857740	145.0239	35.93502	27.19662
#1	2.419164	2.355211	2.279374	-.001950	-.003433	-.000211
#2	2.417894	2.348643	2.274138	-.005203	-.007390	-.000150
#3	2.417888	2.344650	2.307550	.000868	-.006479	-.000262

Elem	Sr4077
Units	ppm
Avg	F .0008624
Stddev	.0000528
%RSD	6.117569
#1	.0009140
#2	.0008646
#3	.0008086

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3254.728	79353.65	15998.69	2186.308	5193.165
Stddev	8.246	222.84	160.01	7.643	4.112
%RSD	.2533626	.2808236	1.000123	.3495909	.0791746
#1	3260.597	79498.30	15964.55	2193.934	5197.011
#2	3258.287	79097.02	15858.51	2178.648	5193.651
#3	3245.300	79465.62	16173.01	2186.341	5188.831

Reviewed By:kareem
On:4/11/2025 10:25:08 AM
Inst Id :P4
LB :LB135373

Sample Name: LLICV01 Acquired: 4/10/2025 10:25:11 Type: Unk
Method: NON EPA-6010-200.7(v2913) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LLICV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0184904	.0389366	.0099446	.0188900	.0516260	.0930976
Stddev	.0018667	.0022305	.0012299	.0013546	.0010309	.0003456
%RSD	10.09572	5.728501	12.36771	7.171141	1.996940	.3711755
#1	.0205714	.0368845	.0089252	.0173818	.0513406	.0928311
#2	.0169632	.0386149	.0113107	.0192851	.0507679	.0929737
#3	.0179366	.0413105	.0095980	.0200032	.0527696	.0934881

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0854958	.0053911	.0056180	1.876705	.0095638	.0280865
Stddev	.0016366	.0000491	.0000652	.014039	.0004715	.0002164
%RSD	1.914272	.9104253	1.160720	.7480741	4.930397	.7705543
#1	.0848134	.0053746	.0055648	1.861987	.0094683	.0280915
#2	.0843108	.0054463	.0056907	1.889949	.0091474	.0278676
#3	.0873632	.0053524	.0055984	1.878180	.0100758	.0283004

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0219428	.0898547	.0208059	1.985816	.0377380	.0104529
Stddev	.0003157	.0005536	.0000626	.007397	.0000856	.0003819
%RSD	1.438850	.6161360	.3010770	.3725131	.2267603	3.653711
#1	.0221156	.0899071	.0208070	1.981845	.0377782	.0103793
#2	.0221345	.0903802	.0208681	1.981252	.0376398	.0108662
#3	.0215784	.0892767	.0207428	1.994351	.0377961	.0101131

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.768319	.0370776	.0396118	1.811848	.0902454	.2015061
Stddev	.024139	.0007088	.0004690	.044708	.0005258	.0003166
%RSD	1.365073	1.911671	1.183963	2.467521	.5826223	.1571242
#1	1.744066	.0362871	.0400803	1.770086	.0908035	.2016965
#2	1.768548	.0372891	.0396126	1.806447	.0901734	.2016811
#3	1.792342	.0376565	.0391423	1.859010	.0897594	.2011406

Reviewed By:kareem
On:4/11/2025 10:25:08 AM
Inst Id :P4
LB :LB135373

Sample Name: LLICV01 Acquired: 4/10/2025 10:25:11 Type: Unk
Method: NON EPA-6010-200.7(v2913) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LLICV01 Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0369692	.0375301	.3737665	F .0152760	F .0145998	F .0129575
Stddev	.0004871	.0002293	.0065892	.0022322	.0024314	.0004412
%RSD	1.317691	.6109222	1.762916	14.61222	16.65381	3.405270
#1	.0374071	.0376695	.3722608	.0166196	.0135341	.0134604
#2	.0364445	.0372654	.3680604	.0165092	.0128832	.0126351
#3	.0370560	.0376553	.3809782	.0126994	.0173821	.0127771

Elem	Sr4077
Units	ppm
Avg	.0184151
Stddev	.0001730
%RSD	.9394631
#1	.0182181
#2	.0185425
#3	.0184846

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3341.821	80677.71	15235.45	2223.767	5441.305
Stddev	5.153	142.40	58.04	15.141	11.769
%RSD	.1542116	.1765009	.3809822	.6808686	.2162946
#1	3342.452	80606.75	15205.99	2211.242	5446.248
#2	3346.630	80584.74	15198.04	2219.465	5449.796
#3	3336.382	80841.65	15302.32	2240.593	5427.870

Reviewed By:kareem
On:4/11/2025 10:25:08 AM
Inst Id :P4
LB :LB135373

Sample Name: ICB01 Acquired: 4/10/2025 10:29:06 Type: Unk
Method: NON EPA-6010-200.7(v2914) 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	.0023444	-.002181	.0003285	-.002833	-.001488	.0020287	-.006584
Stddev	.0025720	.000847	.0021986	.002555	.001271	.0050944	.000261
%RSD	109.7099	38.81805	669.3556	90.17971	85.39921	251.1106	3.960678
#1	.0027242	-.001208	-.000236	-.004638	-.001613	.0007673	-.006885
#2	.0047054	-.002747	.002754	.000090	-.002692	-.002316	-.006444
#3	-.000396	-.002587	-.001533	-.003951	-.000159	.007635	-.006423

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000483	-.000128	-.021864	-.000323	-.000148	-.000645	-.008063
Stddev	.0000048	.000048	.007371	.000205	.000090	.000109	.002020
%RSD	9.865557	37.28306	33.71412	63.51083	60.87803	16.95377	25.04997
#1	.0000451	-.000146	-.016837	-.000135	-.000222	-.000769	-.010156
#2	.0000537	-.000074	-.018429	-.000292	-.000048	-.000601	-.007907
#3	.0000460	-.000165	-.030325	-.000542	-.000175	-.000564	-.006126

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003694	-.013686	-.000330	.0004633	-.326535	-.001030	-.001953
Stddev	.000244	.006571	.000082	.0001728	.005051	.001075	.000173
%RSD	6.602614	48.01200	24.85797	37.30144	1.546996	104.3680	8.883562
#1	-.003604	-.016421	-.000424	.0004346	-.331004	-.001368	-.002147
#2	-.003971	-.006189	-.000272	.0006487	-.327546	-.001895	-.001812
#3	-.003509	-.018447	-.000294	.0003067	-.321054	.000173	-.001900

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.223564	-.004040	-.000380	-.000426	.0007967	.0016612	-.002484
Stddev	.043363	.000307	.000110	.000774	.0004520	.0025322	.003047
%RSD	19.39616	7.606741	29.05025	181.7721	56.72639	152.4306	122.6601
#1	-.248909	-.003835	-.000347	-.001122	.0003605	.0000217	-.000937
#2	-.248289	-.004393	-.000503	.000407	.0007668	.0003843	-.000521
#3	-.173494	-.003891	-.000289	-.000562	.0012629	.0045777	-.005994

Reviewed By:kareem
On:4/11/2025 10:25:08 AM
Inst Id :P4
LB :LB135373

Sample Name: ICB01 Acquired: 4/10/2025 10:29:06 Type: Unk
Method: NON EPA-6010-200.7(v2914) 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	-.002952	-.004167	-.000314
Stddev	.003332	.000866	.000022
%RSD	112.8679	20.78030	6.945146
#1	-.006329	-.004065	-.000291
#2	.000332	-.005079	-.000334
#3	-.002859	-.003356	-.000318

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3296.002	80208.50	15838.19	2186.623	5469.003
Stddev	18.596	138.32	50.28	14.089	22.266
%RSD	.5641905	.1724551	.3174460	.6443425	.4071342
#1	3315.381	80140.87	15809.03	2178.428	5484.271
#2	3294.322	80117.01	15896.25	2178.549	5479.285
#3	3278.304	80367.63	15809.30	2202.891	5443.454

Reviewed By:kareem
On:4/11/2025 10:25:08 AM
Inst Id :P4
LB :LB135373

Sample Name: CRI01 Acquired: 4/10/2025 10:33:26 Type: Unk
Method: NON EPA-6010-200.7(v2914) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CRI01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0189466	.0382808	.0116484	.0181171	.0510466	.0979640
Stddev	.0012453	.0013718	.0015709	.0015899	.0006922	.0055266
%RSD	6.572870	3.583541	13.48594	8.775510	1.355974	5.641432
#1	.0192125	.0383837	.0134326	.0196765	.0504673	.1007109
#2	.0200375	.0368604	.0110392	.0181763	.0518131	.0916022
#3	.0175898	.0395982	.0104733	.0164984	.0508593	.1015789

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0853933	.0054804	.0055074	1.875683	.0094248	.0281712
Stddev	.0007861	.0000653	.0000546	.002097	.0001431	.0001478
%RSD	.9206149	1.191393	.9913209	.1118186	1.518797	.5247736
#1	.0845158	.0054816	.0054453	1.873370	.0094043	.0280005
#2	.0856311	.0055451	.0055478	1.877461	.0092930	.0282570
#3	.0860331	.0054146	.0055291	1.876217	.0095771	.0282561

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0218742	.1020287	.0150455	1.980487	.0380316	.0104005
Stddev	.0002102	.0033826	.0000834	.017401	.0002306	.0003714
%RSD	.9610499	3.315365	.5542660	.8786386	.6063956	3.570456
#1	.0220995	.1052382	.0150261	1.962763	.0380432	.0108115
#2	.0216833	.0984962	.0151369	1.997547	.0377953	.0100891
#3	.0218397	.1023518	.0149735	1.981150	.0382562	.0103010

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.482868	.0362631	.0396212	1.962017	.0796568	.2049427
Stddev	.015113	.0014121	.0005707	.021102	.0005979	.0007756
%RSD	1.019193	3.894146	1.440428	1.075537	.7506350	.3784517
#1	1.479261	.0364412	.0399403	1.951328	.0795600	.2047144
#2	1.499459	.0347703	.0389624	1.948399	.0791132	.2043069
#3	1.469885	.0375777	.0399611	1.986325	.0802973	.2058068

Reviewed By:kareem
On:4/11/2025 10:25:08 AM
Inst Id :P4
LB :LB135373

Sample Name: CRI01 Acquired: 4/10/2025 10:33:26 Type: Unk
Method: NON EPA-6010-200.7(v2914) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CRI01 Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0369423	.0380093	.4123105	.0162972	F .0135227	F .0138047
Stddev	.0003063	.0002488	.0018227	.0010687	.0036051	.0012583
%RSD	.8290509	.6544525	.4420768	6.557779	26.65989	9.115079
#1	.0368005	.0381951	.4144097	.0159990	.0161046	.0144690
#2	.0367327	.0381061	.4113931	.0154093	.0094038	.0145916
#3	.0372938	.0377267	.4111287	.0174834	.0150597	.0123535

Elem	Sr4077
Units	ppm
Avg	.0184445
Stddev	.0000651
%RSD	.3527684
#1	.0185112
#2	.0183812
#3	.0184411

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3263.294	78963.48	16458.23	2128.477	5386.525
Stddev	3.359	171.12	51.72	16.968	11.417
%RSD	.1029279	.2167090	.3142392	.7971677	.2119640
#1	3266.536	78954.04	16439.12	2112.387	5399.421
#2	3263.517	79139.12	16516.79	2146.203	5382.448
#3	3259.830	78797.27	16418.79	2126.840	5377.706

Reviewed By:kareem
On:4/11/2025 10:25:08 AM
Inst Id :P4
LB :LB135373

Sample Name: ICSA01 Acquired: 4/10/2025 10:37:43 Type: Unk
Method: NON EPA-6010-200.7(v2914) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICSA01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0051604	.0097886	.0073188	-.008186	-.001857	243.1321
Stddev	.0048095	.0030885	.0042699	.002643	.000945	2.0946
%RSD	93.20013	31.55184	58.34157	32.28995	50.88828	.8615072
#1	.0081538	.0063931	.0116600	-.005459	-.001162	245.1201
#2	.0077147	.0124306	.0071722	-.010736	-.001475	243.3310
#3	-.000387	.0105420	.0031240	-.008362	-.002933	240.9451

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003920	.0011355	-.003529	226.5924	.0557962	.0015817
Stddev	.000218	.0000282	.000414	.5925	.0003210	.0001625
%RSD	5.557988	2.479728	11.72802	.2614981	.5753338	10.27173
#1	-.004120	.0011157	-.003940	227.1600	.0557783	.0015336
#2	-.003688	.0011678	-.003534	225.9777	.0554845	.0014486
#3	-.003952	.0011232	-.003112	226.6397	.0561258	.0017627

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.004964	106.7488	.0007817	243.2609	.0024624	.0037469
Stddev	.000942	.3011	.0003742	1.0562	.0003191	.0003460
%RSD	18.98011	.2820594	47.87273	.4341708	12.95803	9.235376
#1	-.005891	106.4041	.0008696	244.1504	.0028118	.0035328
#2	-.004007	106.9603	.0003714	242.0936	.0021864	.0035618
#3	-.004993	106.8820	.0011041	243.5385	.0023891	.0041462

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.202208	.0022820	.0027389	-.132272	F .1588668	.0001123
Stddev	.013887	.0002332	.0008002	.008877	.0004550	.0007655
%RSD	6.867657	10.21699	29.21474	6.711504	.2863690	681.8243
#1	-.200474	.0020670	.0032287	-.123907	.1583670	.0001417
#2	-.216880	.0025298	.0018155	-.141586	.1592569	-.000668
#3	-.189269	.0022490	.0031725	-.131324	.1589764	.000863

Reviewed By:kareem
On:4/11/2025 10:25:08 AM
Inst Id :P4
LB :LB135373

Sample Name: ICSA01 Acquired: 4/10/2025 10:37:43 Type: Unk
Method: NON EPA-6010-200.7(v2914) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICSA01 Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.006603	-.000995	.0210512	.0031543	-.019185	.0028872
Stddev	.001610	.000503	.0062562	.0025035	.006570	.0002470
%RSD	24.38886	50.52344	29.71887	79.36629	34.24564	8.556177
#1	-.005177	-.001084	.0263995	.0003642	-.026771	.0030722
#2	-.006282	-.000454	.0141715	.0038945	-.015480	.0026067
#3	-.008350	-.001447	.0225826	.0052043	-.015304	.0029827

Elem	Sr4077
Units	ppm
Avg	F .0942149
Stddev	.0003424
%RSD	.3633902
#1	.0940448
#2	.0946090
#3	.0939908

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2936.492	69840.12	15452.96	1890.480	4370.437
Stddev	60.017	123.55	82.08	5.745	100.351
%RSD	2.043819	.1769027	.5311497	.3039011	2.296129
#1	3003.878	69733.92	15368.36	1888.281	4484.020
#2	2916.811	69975.72	15532.26	1886.160	4333.502
#3	2888.787	69810.73	15458.26	1897.000	4293.787

Reviewed By:kareem
On:4/11/2025 10:25:08 AM
Inst Id :P4
LB :LB135373

Sample Name: ICSAB01 Acquired: 4/10/2025 10:42:08 Type: Unk
Method: NON EPA-6010-200.7(v2914) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICSAB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1106279	.1031214	.0572577	.0367083	.6238266	236.4193
Stddev	.0033645	.0006792	.0012085	.0042399	.0037551	.3529
%RSD	3.041248	.6586312	2.110581	11.55018	.6019419	.1492762
#1	.1125869	.1023904	.0563584	.0406746	.6196550	236.7753
#2	.1067430	.1037329	.0567833	.0322396	.6248883	236.4131
#3	.1125538	.1032410	.0586314	.0372107	.6269366	236.0695

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4585892	.5250418	.9806628	218.5021	.5526211	.4982671
Stddev	.0016646	.0024306	.0035584	.3997	.0001667	.0021862
%RSD	.3629897	.4629250	.3628613	.1829224	.0301711	.4387559
#1	.4605097	.5231564	.9797441	218.1700	.5524412	.4966958
#2	.4576968	.5241840	.9776537	218.3906	.5526517	.4973418
#3	.4575610	.5277849	.9845905	218.9457	.5527705	.5007638

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4999114	93.58896	.4542800	236.8297	.9945172	.1863518
Stddev	.0037635	.24616	.0004319	.6055	.0044254	.0002822
%RSD	.7528386	.2630263	.0950816	.2556737	.4449838	.1514097
#1	.4992693	93.82835	.4547136	236.2093	.9933999	.1866765
#2	.4965102	93.60200	.4538498	236.8604	.9907575	.1862126
#3	.5039546	93.33654	.4542767	237.4192	.9993942	.1861664

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.267477	.4598223	1.057743	-.182971	1.112347	1.114809
Stddev	.008541	.0008684	.001567	.013275	.002648	.005917
%RSD	3.193094	.1888495	.1481360	7.255406	.2380252	.5307857
#1	-.270782	.4606504	1.057447	-.188932	1.110014	1.112558
#2	-.273871	.4598979	1.056346	-.192221	1.111801	1.110348
#3	-.257778	.4589186	1.059438	-.167760	1.115225	1.121522

Reviewed By:kareem
On:4/11/2025 10:25:08 AM
Inst Id :P4
LB :LB135373

Sample Name: ICSAB01 Acquired: 4/10/2025 10:42:08 Type: Unk
Method: NON EPA-6010-200.7(v2914) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICSAB01 Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.086012	1.016554	1.019846	F .0015509	F -.018050	F -.001974
Stddev	.006011	.002782	.013991	.0037946	.007071	.000624
%RSD	.5534742	.2736699	1.371900	244.6678	39.17640	31.60719
#1	1.084111	1.017752	1.026354	.0054609	-.014180	-.001283
#2	1.081181	1.013374	1.029399	-.002117	-.026212	-.002144
#3	1.092743	1.018536	1.003787	.001308	-.013758	-.002496

Elem	Sr4077
Units	ppm
Avg	F .0888286
Stddev	.0004788
%RSD	.5389862
#1	.0893021
#2	.0883447
#3	.0888390

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2905.696	70768.28	13928.77	1922.314	4323.602
Stddev	13.014	157.13	51.86	3.692	15.488
%RSD	.4478938	.2220341	.3723176	.1920740	.3582168
#1	2909.187	70738.20	13976.50	1922.440	4326.614
#2	2916.608	70628.37	13936.23	1918.560	4337.363
#3	2891.291	70938.27	13873.59	1925.942	4306.830

Reviewed By:kareem
On:4/11/2025 10:25:08 AM
Inst Id :P4
LB :LB135373

Sample Name: ICSADLX20 Acquired: 4/10/2025 10:46:11 Type: Unk
Method: NON EPA-6010-200.7(v2914) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICSADLX20 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006107	-.000139	-.000194	-.001039	-.001510	11.88961	-.006586
Stddev	.0009340	.001283	.001780	.001189	.001324	.02664	.000788
%RSD	152.9405	922.5020	917.9732	114.4662	87.68466	.2240256	11.96525
#1	.0009901	-.000719	.001845	-.000859	-.000480	11.90992	-.006080
#2	.0012952	-.001029	-.001436	-.002307	-.003004	11.85946	-.006185
#3	-.000453	.001331	-.000990	.000050	-.001047	11.89947	-.007494

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002394	-.000110	11.71483	.0024757	-.000075	-.000170	5.259396
Stddev	.0000455	.000061	.01032	.0004737	.000205	.000424	.025790
%RSD	19.01101	55.94321	.0881194	19.13587	272.4976	249.3706	.4903627
#1	.0002258	-.000175	11.70614	.0019438	-.000219	-.000083	5.277133
#2	.0002022	-.000053	11.71213	.0028523	.000159	-.000632	5.271244
#3	.0002901	-.000102	11.72624	.0026310	-.000165	.000204	5.229811

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003386	11.99382	.0000240	.0004759	-.339124	-.000730	.0005979
Stddev	.000121	.03136	.0000473	.0002113	.004013	.000652	.0002590
%RSD	3.570624	.2614956	197.1601	44.40344	1.183492	89.32762	43.31254
#1	-.003482	11.97403	.0000742	.0005497	-.339715	-.001394	.0007569
#2	-.003426	11.97744	-.000020	.0002376	-.342809	-.000706	.0007378
#3	-.003250	12.02998	.000018	.0006404	-.334848	-.000090	.0002991

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.273749	.0028563	-.000271	-.002077	.0013248	.0024108	-.002532
Stddev	.011003	.0002491	.000116	.001498	.0009634	.0031487	.002087
%RSD	4.019519	8.720389	42.58373	72.12051	72.71993	130.6048	82.44499
#1	-.283401	.0031334	-.000274	-.002214	.0005869	.0044376	-.000506
#2	-.261767	.0026510	-.000386	-.000515	.0009727	-.001217	-.002414
#3	-.276080	.0027844	-.000155	-.003502	.0024146	.004012	-.004675

Reviewed By:kareem
On:4/11/2025 10:25:08 AM
Inst Id :P4
LB :LB135373

Sample Name: ICSADLX20 Acquired: 4/10/2025 10:46:11 Type: Unk
Method: NON EPA-6010-200.7(v2914) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICSADLX20 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000618	-.003709	.0044836
Stddev	.000828	.000920	.0000263
%RSD	133.9351	24.80961	.5865943
#1	-.001292	-.004274	.0044655
#2	.000306	-.002647	.0045137
#3	-.000867	-.004206	.0044715

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3283.329	78937.39	15870.86	2170.141	5274.652
Stddev	14.409	59.61	41.61	10.778	16.838
%RSD	.4388481	.0755126	.2621623	.4966669	.3192290
#1	3270.827	78936.46	15893.06	2174.120	5261.906
#2	3299.087	78878.25	15896.67	2157.939	5293.740
#3	3280.074	78997.45	15822.86	2178.364	5268.310

Reviewed By:kareem
On:4/11/2025 10:25:08 AM
Inst Id :P4
LB :LB135373

Sample Name: ICSABDLX20 Acquired: 4/10/2025 10:50:27 Type: Unk
Method: NON EPA-6010-200.7(v2914) 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	.0073627	.0054447	.0016475	.0020310	.0311532	12.39209	.0169009
Stddev	.0011275	.0010687	.0007796	.0024236	.0003421	.02343	.0009703
%RSD	15.31331	19.62737	47.31893	119.3295	1.098237	.1890485	5.741181
#1	.0084930	.0058847	.0017074	.0000760	.0314796	12.40921	.0180153
#2	.0062381	.0062231	.0023953	.0012744	.0307972	12.36539	.0162433
#3	.0073570	.0042263	.0008396	.0047426	.0311829	12.40167	.0164441

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0270645	.0495966	12.00582	.0292194	.0247923	.0266348	5.127469
Stddev	.0001796	.0000440	.04591	.0001890	.0003102	.0000617	.013065
%RSD	.6636875	.0886820	.3824292	.6466728	1.251130	.2316931	.2548114
#1	.0272702	.0495722	12.05294	.0290014	.0250789	.0267048	5.131696
#2	.0269849	.0495702	12.00330	.0293196	.0244630	.0265881	5.112813
#3	.0269384	.0496473	11.96122	.0293371	.0248349	.0266116	5.137898

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0209624	12.51188	.0506467	.0096761	-.343405	.0231508	.0527589
Stddev	.0003401	.05518	.0000839	.0002510	.004391	.0008334	.0002027
%RSD	1.622411	.4410496	.1657181	2.594337	1.278701	3.599707	.3842284
#1	.0210453	12.53454	.0505502	.0099591	-.348037	.0241072	.0529764
#2	.0212535	12.55212	.0506866	.0094804	-.342878	.0225805	.0525753
#3	.0205886	12.44897	.0507031	.0095887	-.339302	.0227647	.0527250

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.245583	.0016277	-.000370	-.001783	.0010208	-.000687	-.005399
Stddev	.036345	.0004639	.000141	.001426	.0005559	.000706	.001405
%RSD	14.79968	28.49978	38.10911	79.94503	54.46265	102.8252	26.02992
#1	-.272595	.0020898	-.000531	-.000251	.0016625	-.000411	-.005557
#2	-.204260	.0016313	-.000311	-.003070	.0007137	-.000160	-.003921
#3	-.259893	.0011621	-.000268	-.002028	.0006861	-.001489	-.006718

Reviewed By:kareem
On:4/11/2025 10:25:08 AM
Inst Id :P4
LB :LB135373

Sample Name: ICSABDLX20 Acquired: 4/10/2025 10:50:27 Type: Unk
Method: NON EPA-6010-200.7(v2914) 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	-.004524	-.004337	.0045216
Stddev	.001521	.000505	.0000269
%RSD	33.61768	11.64412	.5950598
#1	-.005855	-.004751	.0044924
#2	-.004850	-.003774	.0045454
#3	-.002866	-.004485	.0045271

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3239.664	77746.00	14828.66	2109.140	5244.752
Stddev	13.567	90.23	82.45	9.280	17.581
%RSD	.4187810	.1160623	.5560498	.4399819	.3352092
#1	3251.465	77773.37	14752.61	2098.954	5262.675
#2	3242.686	77819.39	14817.09	2111.354	5244.049
#3	3224.841	77645.26	14916.29	2117.113	5227.534

Reviewed By:kareem
On:4/11/2025 10:25:08 AM
Inst Id :P4
LB :LB135373

Sample Name: CCV01 Acquired: 4/10/2025 11:00:25 Type: Unk
Method: NON EPA-6010-200.7(v2914) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.751163	4.772034	5.241634	4.818364	4.908135	9.817712
Stddev	.007927	.023456	.007161	.013583	.013582	.023555
%RSD	.1668425	.4915220	.1366103	.2819067	.2767266	.2399266
#1	4.748025	4.793485	5.247229	4.824940	4.923565	9.828358
#2	4.745285	4.746989	5.244110	4.802744	4.897987	9.834066
#3	4.760178	4.775629	5.233564	4.827408	4.902854	9.790714

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.767630	.2463695	2.337069	24.00899	1.011728	2.447029
Stddev	.092703	.0001875	.006522	.04104	.002227	.005818
%RSD	.9490850	.0760992	.2790561	.1709473	.2201275	.2377459
#1	9.693801	.2463754	2.342082	24.00439	1.013042	2.451565
#2	9.737419	.2461792	2.339428	23.97045	1.009156	2.449053
#3	9.871669	.2465540	2.329696	24.05214	1.012985	2.440470

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.256964	5.246861	2.349064	23.96112	2.463510	1.252708
Stddev	.001567	.014872	.002774	.03291	.006191	.001401
%RSD	.1246484	.2834389	.1180706	.1373286	.2512944	.1118401
#1	1.257218	5.241970	2.349595	23.99332	2.470425	1.253655
#2	1.255286	5.235051	2.346063	23.92755	2.461620	1.251098
#3	1.258388	5.263562	2.351534	23.96250	2.458484	1.253369

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	22.51396	2.424411	2.539191	26.91043	F 4.423424	4.911612
Stddev	.04120	.003563	.005315	.04689	.008942	.003238
%RSD	.1829908	.1469524	.2093365	.1742431	.2021556	.0659226
#1	22.55187	2.427895	2.544868	26.94152	4.421972	4.913648
#2	22.47012	2.420774	2.534332	26.85650	4.433004	4.907879
#3	22.51988	2.424563	2.538373	26.93328	4.415297	4.913310

Reviewed By:kareem
On:4/11/2025 10:25:08 AM
Inst Id :P4
LB :LB135373

Sample Name: CCV01 Acquired: 4/10/2025 11:00:25 Type: Unk
Method: NON EPA-6010-200.7(v2914) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV01 Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.742207	4.658566	F 6.246868	4.752096	4.594503	4.650618
Stddev	.012055	.012323	.023096	.011031	.009841	.015965
%RSD	.2542119	.2645232	.3697152	.2321373	.2141870	.3432834
#1	4.754541	4.671269	6.237626	4.764558	4.605011	4.666934
#2	4.741628	4.657767	6.229824	4.743583	4.585504	4.649890
#3	4.730451	4.646662	6.273153	4.748146	4.592994	4.635030

Elem	Sr4077
Units	ppm
Avg	4.745931
Stddev	.014517
%RSD	.3058777
#1	4.758639
#2	4.749043
#3	4.730110

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3172.056	75441.92	14942.34	2046.879	4909.976
Stddev	7.385	236.04	14.09	8.031	17.176
%RSD	.2328249	.3128732	.0942870	.3923375	.3498246
#1	3164.110	75383.18	14932.15	2042.548	4890.418
#2	3178.711	75701.78	14958.42	2056.145	4916.902
#3	3173.346	75240.79	14936.46	2041.943	4922.608

Reviewed By:kareem
On:4/11/2025 10:25:08 AM
Inst Id :P4
LB :LB135373

Sample Name: CCB01 Acquired: 4/10/2025 11:21:50 Type: Unk
Method: NON EPA-6010-200.7(v2915) 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	-.000467	-.001965	-.001453	-.001590	-.000767	-.004886	-.008209
Stddev	.000805	.001245	.000631	.001365	.000602	.003765	.000610
%RSD	172.4165	63.37676	43.42232	85.82756	78.51621	77.06048	7.435105
#1	-.000387	-.003123	-.001650	-.001164	-.001162	-.009155	-.007562
#2	-.001309	-.000648	-.001961	-.003117	-.001065	-.003464	-.008290
#3	.000295	-.002123	-.000747	-.000489	-.000074	-.002039	-.008774

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000543	-.000134	-.015540	-.000130	-.000154	-.000552	-.010169
Stddev	.0000258	.000028	.011325	.000190	.000027	.000131	.002355
%RSD	47.41987	21.07603	72.87398	146.1526	17.55740	23.80804	23.15723
#1	.0000812	-.000108	-.007418	-.000310	-.000126	-.000412	-.010701
#2	.0000520	-.000164	-.028476	-.000147	-.000154	-.000672	-.007594
#3	.0000298	-.000131	-.010726	.000068	-.000180	-.000572	-.012213

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.004018	-.007370	-.000489	.0005663	-.331604	-.001593	-.002192
Stddev	.000222	.003612	.000271	.0001883	.002660	.000566	.000125
%RSD	5.537588	49.00717	55.38918	33.24597	.8020803	35.53515	5.713358
#1	-.004111	-.008177	-.000780	.0004283	-.334360	-.002186	-.002066
#2	-.003764	-.003423	-.000442	.0004899	-.331401	-.001059	-.002317
#3	-.004178	-.010510	-.000244	.0007808	-.329052	-.001534	-.002193

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.250047	-.003103	-.000352	-.001260	.0011668	-.001123	-.000996
Stddev	.017391	.000353	.000219	.000549	.0001959	.002658	.001532
%RSD	6.955092	11.37809	62.29934	43.57467	16.78658	236.6467	153.8435
#1	-.248146	-.002830	-.000363	-.001673	.0011019	.001333	-.002101
#2	-.233684	-.002978	-.000127	-.000637	.0013870	-.003946	-.001640
#3	-.268310	-.003502	-.000565	-.001470	.0010117	-.000757	.000753

Reviewed By:kareem
On:4/11/2025 10:25:08 AM
Inst Id :P4
LB :LB135373

Sample Name: CCB01 Acquired: 4/10/2025 11:21:50 Type: Unk
Method: NON EPA-6010-200.7(v2915) 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	-.004314	-.004869	-.000360
Stddev	.002401	.000821	.000009
%RSD	55.65688	16.86788	2.535756
#1	-.005980	-.004554	-.000355
#2	-.001562	-.005801	-.000371
#3	-.005400	-.004252	-.000356

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3322.171	80811.57	15372.33	2187.221	5538.030
Stddev	7.878	139.98	29.73	12.978	21.157
%RSD	.2371306	.1732142	.1933814	.5933369	.3820327
#1	3325.437	80716.47	15345.52	2184.896	5552.778
#2	3327.890	80972.30	15404.30	2201.204	5547.523
#3	3313.185	80745.93	15367.17	2175.563	5513.790

Reviewed By:kareem
On:4/11/2025 10:25:08 AM
Inst Id :P4
LB :LB135373

Sample Name: PB167483BL Acquired: 4/10/2025 11:26:11 Type: Unk
Method: NON EPA-6010-200.7(v2915) 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	-.000093	-.001873	-.001399	-.001962	-.000591	-.003628	-.006901
Stddev	.000265	.000762	.001439	.000986	.001541	.003039	.000894
%RSD	286.5166	40.67823	102.9055	50.26068	260.4812	83.77583	12.95630
#1	.000154	-.001070	-.002074	-.000901	.001043	-.001938	-.007933
#2	-.000059	-.001963	-.002376	-.002850	-.002017	-.001810	-.006411
#3	-.000373	-.002587	.000254	-.002136	-.000800	-.007137	-.006358

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000307	-.000092	-.017919	-.000137	-.000246	.0001460	-.004367
Stddev	.0000384	.000066	.007572	.000223	.000081	.0000513	.003513
%RSD	125.0910	71.84017	42.26024	163.0565	32.97934	35.13759	80.43556
#1	.0000425	-.000085	-.025560	.000112	-.000327	.0000869	-.005764
#2	-.000012	-.000030	-.017779	-.000203	-.000249	.0001716	-.006966
#3	.000062	-.000162	-.010417	-.000320	-.000164	.0001795	-.000371

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003518	-.010547	-.000407	.0001416	-.335397	-.001523	-.001758
Stddev	.000096	.006604	.000082	.0001453	.018775	.001973	.000268
%RSD	2.718510	62.61354	20.09452	102.5703	5.597778	129.5365	15.23331
#1	-.003427	-.003795	-.000499	.0001624	-.349458	-.001485	-.002066
#2	-.003617	-.016992	-.000343	.0002754	-.342657	.000430	-.001576
#3	-.003510	-.010855	-.000380	-.000013	-.314076	-.003514	-.001633

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.270748	-.004019	-.000412	-.001240	.0007276	.0019410	-.001644
Stddev	.011987	.000280	.000080	.000325	.0005319	.0083132	.001708
%RSD	4.427501	6.972692	19.32645	26.22709	73.10601	428.2906	103.8930
#1	-.257109	-.004211	-.000404	-.001595	.0005749	-.006929	.000327
#2	-.279611	-.004148	-.000495	-.000958	.0002887	.003198	-.002568
#3	-.275524	-.003697	-.000336	-.001166	.0013191	.009554	-.002691

Reviewed By:kareem
On:4/11/2025 10:25:08 AM
Inst Id :P4
LB :LB135373

Sample Name: PB167483BL Acquired: 4/10/2025 11:26:11 Type: Unk
Method: NON EPA-6010-200.7(v2915) 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	-.004979	-.005493	-.000362
Stddev	.001646	.000658	.000035
%RSD	33.05569	11.98151	9.720780
#1	-.003096	-.006131	-.000334
#2	-.005696	-.004816	-.000350
#3	-.006145	-.005531	-.000402

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3324.066	79259.33	15617.20	2169.533	5540.865
Stddev	12.598	173.96	68.78	6.543	13.385
%RSD	.3790075	.2194829	.4404303	.3015785	.2415705
#1	3334.517	79456.24	15581.66	2176.308	5551.905
#2	3327.605	79195.25	15573.47	2169.039	5544.713
#3	3310.077	79126.50	15696.49	2163.251	5525.978

Reviewed By:kareem
On:4/11/2025 10:25:08 AM
Inst Id :P4
LB :LB135373

Sample Name: PB167483BS Acquired: 4/10/2025 11:30:30 Type: Unk
Method: NON EPA-6010-200.7(v2915) 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	.7630763	1.925439	.9072437	1.962402	.7960454	1.830571
Stddev	.0058421	.018151	.0007563	.012419	.0059523	.029993
%RSD	.7655981	.9427066	.0833576	.6328299	.7477285	1.638453
#1	.7597388	1.908570	.9068929	1.952561	.7905227	1.864255
#2	.7596679	1.944646	.9081117	1.958289	.7952635	1.820699
#3	.7698220	1.923102	.9067266	1.976355	.8023500	1.806758

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1691284	.1865247	.1819346	.9040928	.3857396	.1837087
Stddev	.0021816	.0026585	.0000822	.0149973	.0009511	.0000773
%RSD	1.289879	1.425289	.0451900	1.658818	.2465740	.0420662
#1	.1712839	.1895797	.1819751	.9212566	.3867874	.1837691
#2	.1691794	.1852578	.1819888	.8935183	.3855008	.1836216
#3	.1669217	.1847366	.1818400	.8975034	.3849307	.1837353

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3006019	2.968453	.1834906	1.770230	.4695466	.0716884
Stddev	.0014033	.016980	.0023880	.028314	.0007047	.0001799
%RSD	.4668310	.5719995	1.301416	1.599444	.1500694	.2510026
#1	.2991703	2.949085	.1862302	1.802733	.4687376	.0717661
#2	.3006602	2.980777	.1823919	1.750917	.4698755	.0714826
#3	.3019751	2.975496	.1818497	1.757041	.4700267	.0718164

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.722283	.2707977	.1947905	9.628228	.2475330	.3902303
Stddev	.012123	.0024750	.0006304	.023749	.0037072	.0014835
%RSD	.4453381	.9139758	.3236460	.2466619	1.497673	.3801486
#1	2.726948	.2736263	.1942992	9.602122	.2518020	.3888442
#2	2.731381	.2690301	.1945710	9.648551	.2451243	.3900519
#3	2.708520	.2697366	.1955014	9.634012	.2456727	.3917949

Reviewed By:kareem
On:4/11/2025 10:25:08 AM
Inst Id :P4
LB :LB135373

Sample Name: PB167483BS Acquired: 4/10/2025 11:30:30 Type: Unk
Method: NON EPA-6010-200.7(v2915) 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	.6411569	.1804015	.8145317	5.434024	F -.014016	.1837233
Stddev	.0008907	.0019096	.0034072	.017705	.002573	.0021047
%RSD	.1389227	1.058539	.4183043	.3258094	18.36051	1.145556
#1	.6402011	.1826062	.8148883	5.454466	-.011995	.1861188
#2	.6413057	.1792643	.8109602	5.423579	-.016913	.1828799
#3	.6419638	.1793340	.8177466	5.424027	-.013140	.1821711

Elem	Sr4077
Units	ppm
Avg	.1827041
Stddev	.0021335
%RSD	1.167751
#1	.1851424
#2	.1817897
#3	.1811802

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3176.630	77875.77	15397.77	2097.993	5179.297
Stddev	10.611	95.84	211.91	4.364	10.848
%RSD	.3340322	.1230629	1.376216	.2079926	.2094586
#1	3179.117	77783.34	15153.56	2102.125	5170.315
#2	3185.776	77869.30	15506.66	2093.430	5191.350
#3	3164.996	77974.68	15533.09	2098.424	5176.226

Reviewed By:kareem
On:4/11/2025 10:25:08 AM
Inst Id :P4
LB :LB135373

Sample Name: PB167497BL Acquired: 4/10/2025 11:34:32 Type: Unk
Method: NON EPA-6010-200.7(v2915) 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	.0004105	-.002175	-.001531	-.002498	-.001134	-.004825	-.009186
Stddev	.0009871	.001151	.001282	.001977	.001908	.001883	.000121
%RSD	240.4417	52.91938	83.75882	79.14262	168.1999	39.02692	1.311936
#1	.0008200	-.002695	-.001826	-.004770	-.000010	-.006702	-.009269
#2	.0011269	-.002975	-.002640	-.001167	-.003338	-.002936	-.009241
#3	-.000715	-.000856	-.000127	-.001557	-.000056	-.004838	-.009047

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000744	-.000133	-.016580	-.000262	-.000418	-.000063	-.007860
Stddev	.0000717	.000033	.005591	.000427	.000075	.000294	.003812
%RSD	96.41895	24.99737	33.72252	162.8753	17.85548	468.9326	48.49733
#1	.0000060	-.000170	-.010277	-.000199	-.000374	.000107	-.004079
#2	.0001490	-.000105	-.018522	-.000717	-.000375	-.000402	-.007799
#3	.0000681	-.000124	-.020941	.000130	-.000504	.000107	-.011701

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003717	.0005133	-.000349	.0007252	-.337274	-.001788	-.002145
Stddev	.000055	.0087697	.000278	.0000958	.020340	.000769	.000296
%RSD	1.489299	1708.496	79.55748	13.20811	6.030783	42.99073	13.79705
#1	-.003735	-.003018	-.000044	.0007244	-.359254	-.000905	-.002418
#2	-.003655	-.005941	-.000586	.0008214	-.333452	-.002149	-.001831
#3	-.003761	.010498	-.000417	.0006299	-.319115	-.002310	-.002188

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.268225	-.005537	-.000420	-.001293	.0011093	.0000215	-.002900
Stddev	.028806	.000463	.000267	.000484	.0004024	.0015914	.001245
%RSD	10.73961	8.354651	63.47459	37.40556	36.27726	7413.259	42.94398
#1	-.301426	-.005886	-.000450	-.000739	.0015677	-.001575	-.001481
#2	-.249863	-.005012	-.000140	-.001505	.0009462	.000031	-.003406
#3	-.253387	-.005714	-.000670	-.001634	.0008140	.001608	-.003813

Reviewed By:kareem
On:4/11/2025 10:25:08 AM
Inst Id :P4
LB :LB135373

Sample Name: PB167497BL Acquired: 4/10/2025 11:34:32 Type: Unk
Method: NON EPA-6010-200.7(v2915) 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	-.004423	-.004737	-.000358
Stddev	.001547	.000300	.000056
%RSD	34.98056	6.329930	15.61035
#1	-.004691	-.004888	-.000338
#2	-.005819	-.004931	-.000316
#3	-.002759	-.004391	-.000422

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3237.365	79651.17	16444.51	2133.228	5440.845
Stddev	5.751	2545.63	119.54	60.388	4.857
%RSD	.1776503	3.195969	.7269140	2.830833	.0892609
#1	3243.833	82579.02	16349.56	2202.697	5438.951
#2	3235.434	78413.09	16405.23	2093.277	5437.222
#3	3232.827	77961.41	16578.75	2103.709	5446.364

Reviewed By:kareem
On:4/11/2025 10:25:08 AM
Inst Id :P4
LB :LB135373

Sample Name: PB167497BS Acquired: 4/10/2025 11:38:51 Type: Unk
Method: NON EPA-6010-200.7(v2915) 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	.7715250	1.943734	.9190867	1.990186	.8038979	1.838379
Stddev	.0026160	.010580	.0018564	.013101	.0021617	.005685
%RSD	.3390699	.5443146	.2019819	.6582857	.2689065	.3092182
#1	.7727607	1.931692	.9212020	1.986940	.8014041	1.844798
#2	.7685200	1.951538	.9177285	1.979013	.8050504	1.836358
#3	.7732942	1.947972	.9183297	2.004605	.8052390	1.833981

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1673807	.1950672	.1847232	.9060386	.3829456	.1867503
Stddev	.0008401	.0004186	.0004334	.0070046	.0013237	.0004237
%RSD	.5019296	.2145673	.2346468	.7731057	.3456536	.2268849
#1	.1675746	.1953179	.1849652	.9139539	.3842946	.1863051
#2	.1664606	.1952997	.1842228	.9035217	.3828935	.1867974
#3	.1681069	.1945840	.1849816	.9006402	.3816488	.1871486

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3045778	2.775839	.1773149	1.772450	.4748527	.0709678
Stddev	.0016381	.016871	.0005603	.008905	.0008273	.0000494
%RSD	.5378280	.6077957	.3159966	.5023915	.1742277	.0696623
#1	.3038276	2.794599	.1779606	1.762288	.4742613	.0710234
#2	.3034492	2.771008	.1770269	1.778890	.4744988	.0709508
#3	.3064567	2.761910	.1769572	1.776172	.4757982	.0709290

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.526457	.2721009	.1939048	9.034127	.2615344	.3957228
Stddev	.007827	.0012722	.0009034	.035483	.0011004	.0014429
%RSD	.3097861	.4675420	.4659259	.3927716	.4207403	.3646187
#1	2.526287	.2711192	.1941098	9.065579	.2617811	.3947711
#2	2.518716	.2735381	.1929165	8.995660	.2624905	.3950143
#3	2.534366	.2716454	.1946882	9.041144	.2603316	.3973829

Reviewed By:kareem
On:4/11/2025 10:25:08 AM
Inst Id :P4
LB :LB135373

Sample Name: PB167497BS Acquired: 4/10/2025 11:38:51 Type: Unk
Method: NON EPA-6010-200.7(v2915) 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	.6518475	.1807321	.7672256	5.462897	F -.013838	.1809877
Stddev	.0014646	.0010201	.0043115	.031250	.000488	.0008345
%RSD	.2246855	.5644449	.5619555	.5720321	3.527154	.4610864
#1	.6502891	.1810056	.7648477	5.437226	-.013797	.1818044
#2	.6520579	.1796031	.7722025	5.453772	-.014345	.1801364
#3	.6531956	.1815876	.7646268	5.497693	-.013372	.1810224

Elem	Sr4077
Units	ppm
Avg	.1814793
Stddev	.0007189
%RSD	.3961576
#1	.1823059
#2	.1809996
#3	.1811324

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3203.336	81081.93	14840.03	2159.103	5203.674
Stddev	5.886	216.82	32.61	1.602	7.263
%RSD	.1837542	.2674098	.2197227	.0742125	.1395808
#1	3209.043	80860.58	14815.70	2157.911	5211.913
#2	3203.679	81091.31	14827.32	2160.924	5200.914
#3	3197.286	81293.91	14877.08	2158.472	5198.195

Reviewed By:kareem
On:4/11/2025 10:25:08 AM
Inst Id :P4
LB :LB135373

Sample Name: Q1715-01 Acquired: 4/10/2025 11:42:54 Type: Unk
Method: NON EPA-6010-200.7(v2915) 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	-.001976	-.008457	-.001115	.0032455	-.003264	16.36833
Stddev	.000819	.002625	.001767	.0022608	.002524	.03162
%RSD	41.47183	31.03896	158.4603	69.66020	77.33556	.1931544
#1	-.002280	-.008610	.000654	.0058173	-.004538	16.38023
#2	-.002599	-.011002	-.002880	.0023484	-.004896	16.33249
#3	-.001048	-.005759	-.001118	.0015710	-.000357	16.39228

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.009288	-.000018	-.000216	10.17977	.9291275	.0103214
Stddev	.000506	.000047	.000081	.02611	.0018785	.0000956
%RSD	5.448336	261.6489	37.42648	.2564666	.2021781	.9263510
#1	-.009842	-.000051	-.000229	10.16401	.9312317	.0104318
#2	-.008850	-.000038	-.000129	10.16540	.9276193	.0102660
#3	-.009173	.000035	-.000289	10.20991	.9285315	.0102663

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0209526	.5265676	.0121156	2.200563	.0365630	.0004319
Stddev	.0002027	.0045618	.0001929	.004913	.0003203	.0004061
%RSD	.9675122	.8663314	1.591784	.2232477	.8758869	94.03052
#1	.0208956	.5216361	.0123181	2.205897	.0369324	-.000032
#2	.0207844	.5306367	.0119341	2.199568	.0363648	.000721
#3	.0211777	.5274300	.0120947	2.196224	.0363917	.000608

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 1861.883	-.001273	1.223496	190.7616	5.662378	.0398473
Stddev	7.445	.000317	.004304	.5569	.021544	.0002022
%RSD	.3998701	24.88869	.3517631	.2919173	.3804703	.5074051
#1	1870.291	-.001006	1.227265	191.3364	5.648254	.0398272
#2	1859.228	-.001189	1.224417	190.7239	5.651705	.0396560
#3	1856.128	-.001623	1.218806	190.2246	5.687174	.0400588

Reviewed By:kareem
On:4/11/2025 10:25:08 AM
Inst Id :P4
LB :LB135373

Sample Name: Q1715-01 Acquired: 4/10/2025 11:42:54 Type: Unk
Method: NON EPA-6010-200.7(v2915) 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	.0375681	.0004317	.7628360	5.223920	F 836.4594	-.000467
Stddev	.0006005	.0004245	.0081592	.034792	2.0127	.000730
%RSD	1.598400	98.31900	1.069589	.6660149	.2406167	156.5414
#1	.0369700	.0004502	.7601136	5.200218	835.9797	-.000620
#2	.0381710	.0008466	.7720083	5.207679	834.7299	.000328
#3	.0375634	-.000002	.7563860	5.263863	838.6686	-.001108

Elem	Sr4077
Units	ppm
Avg	.0460039
Stddev	.0000294
%RSD	.0638568
#1	.0459707
#2	.0460266
#3	.0460145

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2710.282	65392.65	13967.05	1766.142	3919.106
Stddev	13.007	226.38	78.73	4.523	18.135
%RSD	.4798960	.3461876	.5636874	.2560721	.4627232
#1	2711.440	65226.32	13981.60	1762.616	3923.135
#2	2722.671	65650.45	14037.48	1771.241	3934.888
#3	2696.735	65301.17	13882.05	1764.568	3899.296

Reviewed By:kareem
On:4/11/2025 10:25:08 AM
Inst Id :P4
LB :LB135373

Sample Name: Q1745-01 Acquired: 4/10/2025 11:47:15 Type: Unk
Method: NON EPA-6010-200.7(v2915) 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	.0621837	.0052527	3.869204	-.018206	.0762525	71.63698	1.969675
Stddev	.0018359	.0032587	.014376	.003846	.0005526	.26856	.010323
%RSD	2.952410	62.03928	.3715615	21.12297	.7246887	.3748951	.5241073
#1	.0631988	.0016198	3.871063	-.013818	.0756437	71.32867	1.958003
#2	.0600644	.0062202	3.882561	-.019810	.0767223	71.82004	1.973413
#3	.0632879	.0079182	3.853989	-.020990	.0763915	71.76224	1.977607

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0065838	.0016238	48.53476	.3031900	.0818225	7.077507	179.5087
Stddev	.0000121	.0002438	.17948	.0010580	.0005476	.021389	.9706
%RSD	.1830372	15.01492	.3697878	.3489709	.6693020	.3022132	.5407113
#1	.0065837	.0018891	48.33258	.3020499	.0824522	7.083701	178.6394
#2	.0065719	.0015729	48.59645	.3033796	.0815573	7.095116	179.3307
#3	.0065960	.0014095	48.67526	.3041404	.0814579	7.053705	180.5560

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.844063	28.80764	.3688022	.0143762	6.121834	.2031928	8.908127
Stddev	.003522	.03347	.0008354	.0001891	.033884	.0013595	.020692
%RSD	.1909835	.1161923	.2265143	1.315167	.5534983	.6690672	.2322848
#1	1.840055	28.76938	.3695887	.0141762	6.085471	.2016246	8.892293
#2	1.846662	28.83149	.3688925	.0145521	6.127509	.2040388	8.900548
#3	1.845471	28.82206	.3679253	.0144003	6.152523	.2039150	8.931540

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.924213	.3395212	.0034264	3.819395	2.252329	9.209509	4.869236
Stddev	.077293	.0014112	.0004753	.017064	.007367	.030499	.020385
%RSD	.7788328	.4156489	13.87107	.4467665	.3271013	.3311693	.4186503
#1	9.844656	.3387241	.0028778	3.827215	2.243831	9.174430	4.873574
#2	9.928958	.3386888	.0036887	3.831146	2.256918	9.224341	4.887103
#3	9.999024	.3411506	.0037127	3.799822	2.256238	9.229755	4.847031

Reviewed By:kareem
On:4/11/2025 10:25:08 AM
Inst Id :P4
LB :LB135373

Sample Name: Q1745-01 Acquired: 4/10/2025 11:47:15 Type: Unk
Method: NON EPA-6010-200.7(v2915) 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	8.477923	.2178928	.2915500
Stddev	.036692	.0018117	.0016034
%RSD	.4327995	.8314521	.5499473
#1	8.510088	.2158561	.2897652
#2	8.485724	.2184977	.2920163
#3	8.437958	.2193247	.2928685

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3497.941	85239.44	17000.16	2268.545	4879.426
Stddev	8.313	112.57	39.67	4.738	13.907
%RSD	.2376672	.1320671	.2333585	.2088522	.2850100
#1	3496.488	85363.44	16983.16	2270.847	4869.790
#2	3490.450	85211.22	16971.82	2271.692	4873.119
#3	3506.885	85143.66	17045.49	2263.096	4895.369

Reviewed By:kareem
On:4/11/2025 10:25:08 AM
Inst Id :P4
LB :LB135373

Sample Name: Q1745-09 Acquired: 4/10/2025 11:51:18 Type: Unk
Method: NON EPA-6010-200.7(v2915) 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	.5383387	.0113974	10.36788	-.011292	-.000137	84.13329
Stddev	.0042067	.0018848	.01881	.003059	.001899	.46851
%RSD	.7814301	16.53714	.1813890	27.08593	1382.621	.5568632
#1	.5414394	.0126834	10.38950	-.014243	-.000697	83.95050
#2	.5335502	.0092338	10.35532	-.008136	-.001693	83.78373
#3	.5400266	.0122749	10.35881	-.011496	.001979	84.66564

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.766048	.0080410	.0018883	146.1714	.2424032	.0912317
Stddev	.063025	.0001170	.0001546	1.0034	.0009954	.0002973
%RSD	1.093037	1.454785	8.185764	.6864649	.4106337	.3258381
#1	5.773907	.0080004	.0017389	145.7628	.2428947	.0908884
#2	5.699462	.0079497	.0020476	145.4367	.2430573	.0914068
#3	5.824775	.0081729	.0018784	147.3146	.2412577	.0913998

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.241632	276.5256	2.880695	15.32766	.3896574	.0452604
Stddev	.002388	.9993	.016887	.09528	.0013374	.0003538
%RSD	.0736762	.3613891	.5862129	.6216485	.3432350	.7817298
#1	3.242434	277.1669	2.875984	15.29966	.3907459	.0455322
#2	3.243516	277.0358	2.866663	15.24951	.3881644	.0453887
#3	3.238946	275.3742	2.899437	15.43381	.3900618	.0448604

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.83741	.3155223	4.359728	18.59240	.4935762	.0371060
Stddev	.08472	.0010540	.019759	.10458	.0033444	.0002899
%RSD	.5031356	.3340476	.4532056	.5624842	.6775843	.7813456
#1	16.87531	.3153947	4.361220	18.65093	.4965987	.0368389
#2	16.89656	.3145379	4.378699	18.65461	.4941468	.0374143
#3	16.74036	.3166343	4.339266	18.47166	.4899833	.0370648

Reviewed By:kareem
On:4/11/2025 10:25:08 AM
Inst Id :P4
LB :LB135373

Sample Name: Q1745-09 Acquired: 4/10/2025 11:51:18 Type: Unk
Method: NON EPA-6010-200.7(v2915) 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	1.943054	1.435652	5.548383	F 11.47938	F 17.39359	.3738001
Stddev	.007662	.007769	.029424	.03094	.03881	.0011864
%RSD	.3943100	.5411491	.5303191	.2695626	.2231453	.3173942
#1	1.949337	1.428547	5.577773	11.51395	17.43660	.3739304
#2	1.934518	1.434460	5.548453	11.45425	17.36118	.3725539
#3	1.945305	1.443948	5.518924	11.46995	17.38298	.3749160

Elem	Sr4077
Units	ppm
Avg	.9731438
Stddev	.0148253
%RSD	1.523448
#1	.9591113
#2	.9886517
#3	.9716684

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3219.484	79986.35	16826.85	2094.279	4528.274
Stddev	6.329	451.35	100.08	13.754	5.902
%RSD	.1965754	.5642896	.5947639	.6567406	.1303421
#1	3223.072	79975.41	16900.56	2097.530	4529.205
#2	3212.177	79540.56	16867.08	2079.191	4521.961
#3	3223.204	80443.07	16712.92	2106.116	4533.655

Reviewed By:kareem
On:4/11/2025 10:25:08 AM
Inst Id :P4
LB :LB135373

Sample Name: Q1748-01 Acquired: 4/10/2025 11:55:38 Type: Unk
Method: NON EPA-6010-200.7(v2915) 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	.1337580	.0153978	8.110684	-.006910	.0007800	82.51350
Stddev	.0026948	.0010311	.020474	.001673	.0010228	.28015
%RSD	2.014674	6.696485	.2524299	24.20292	131.1271	.3395175
#1	.1332039	.0145125	8.118593	-.008714	.0015712	82.21606
#2	.1366867	.0151510	8.087435	-.005411	-.000375	82.77236
#3	.1313833	.0165299	8.126024	-.006606	.001144	82.55208

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.838236	.0073602	-.000763	214.3819	.1993808	.1022104
Stddev	.011096	.0000657	.000496	.6067	.0002781	.0003998
%RSD	.3909539	.8927223	65.02608	.2829792	.1394647	.3911260
#1	2.826659	.0073363	-.000242	213.8737	.1990605	.1024700
#2	2.848779	.0073098	-.001230	215.0535	.1995226	.1017501
#3	2.839270	.0074345	-.000816	214.2184	.1995594	.1024113

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.472130	285.2394	2.734795	33.48808	.4171479	.0216041
Stddev	.008326	1.6991	.014820	.14734	.0004454	.0000587
%RSD	.1521499	.5956812	.5418941	.4399779	.1067705	.2718374
#1	5.476499	283.5947	2.720190	33.39873	.4173762	.0216719
#2	5.462529	286.9882	2.749821	33.65814	.4166347	.0215706
#3	5.477361	285.1354	2.734374	33.40736	.4174329	.0215699

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.70942	.3226802	4.490134	13.39560	.4560888	.0205097
Stddev	.13365	.0012693	.022446	.10146	.0043441	.0000826
%RSD	.5408998	.3933639	.4999046	.7574204	.9524715	.4029517
#1	24.56713	.3229711	4.505617	13.28095	.4516356	.0204379
#2	24.83232	.3237788	4.500395	13.47382	.4603150	.0206000
#3	24.72880	.3212907	4.464391	13.43202	.4563157	.0204911

Reviewed By:kareem
On:4/11/2025 10:25:08 AM
Inst Id :P4
LB :LB135373

Sample Name: Q1748-01 Acquired: 4/10/2025 11:55:38 Type: Unk
Method: NON EPA-6010-200.7(v2915) 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	1.492437	1.984416	4.907175	F 13.87163	F 14.90210	.2503499
Stddev	.009386	.003500	.024367	.07351	.04034	.0013713
%RSD	.6289197	.1763598	.4965681	.5299075	.2706960	.5477504
#1	1.498026	1.981694	4.895532	13.94639	14.87796	.2489411
#2	1.481601	1.988364	4.935180	13.79944	14.87967	.2516803
#3	1.497685	1.983190	4.890813	13.86906	14.94867	.2504285

Elem	Sr4077
Units	ppm
Avg	1.108628
Stddev	.014108
%RSD	1.272558
#1	1.124417
#2	1.097261
#3	1.104205

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3229.056	79311.55	16461.70	2068.597	4544.679
Stddev	1.828	127.69	34.42	4.273	4.013
%RSD	.0566082	.1609997	.2090878	.2065862	.0882983
#1	3226.959	79383.87	16433.59	2069.008	4542.346
#2	3230.313	79164.12	16451.43	2064.132	4549.313
#3	3229.896	79386.68	16500.09	2072.649	4542.379

Reviewed By:kareem
On:4/11/2025 10:25:08 AM
Inst Id :P4
LB :LB135373

Sample Name: Q1748-05 Acquired: 4/10/2025 11:59:50 Type: Unk
Method: NON EPA-6010-200.7(v2915) 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	.0412148	.0146007	1.392178	-.030233	-.006601	128.3542
Stddev	.0014395	.0011480	.001455	.001842	.002644	.1147
%RSD	3.492574	7.862302	.1045412	6.092149	40.05662	.0893689
#1	.0417747	.0138654	1.392782	-.031308	-.009636	128.4090
#2	.0395795	.0140133	1.390518	-.028107	-.004791	128.4313
#3	.0422902	.0159235	1.393234	-.031285	-.005377	128.2224

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.417618	.0112488	-.000780	39.03395	.2769398	.1775605
Stddev	.002624	.0000950	.000174	.04658	.0022470	.0004448
%RSD	.1851091	.8444886	22.29084	.1193298	.8113650	.2504845
#1	1.415041	.0112743	-.000762	39.08499	.2783582	.1780251
#2	1.420287	.0111436	-.000616	38.99375	.2743491	.1771386
#3	1.417526	.0113284	-.000963	39.02310	.2781122	.1775178

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6572381	354.9531	8.694815	54.56552	.3370640	.0239940
Stddev	.0008417	1.1448	.010035	.13404	.0003581	.0002323
%RSD	.1280679	.3225185	.1154152	.2456491	.1062332	.9679666
#1	.6580611	355.5494	8.698114	54.69691	.3366505	.0238234
#2	.6572745	353.6333	8.683545	54.42898	.3372702	.0239001
#3	.6563788	355.6767	8.702785	54.57067	.3372712	.0242585

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.084785	.3340663	.9572255	21.97316	.5862531	.0011401
Stddev	.021936	.0012291	.0015187	.00885	.0019942	.0002380
%RSD	.2414626	.3679141	.1586535	.0402633	.3401547	20.87662
#1	9.108422	.3351455	.9559500	21.97216	.5878204	.0012543
#2	9.065082	.3327285	.9568211	21.96485	.5840085	.0008665
#3	9.080850	.3343249	.9589055	21.98246	.5869304	.0012994

Reviewed By:kareem
On:4/11/2025 10:25:08 AM
Inst Id :P4
LB :LB135373

Sample Name: Q1748-05 Acquired: 4/10/2025 11:59:50 Type: Unk
Method: NON EPA-6010-200.7(v2915) 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	.4844298	3.266745	7.712326	7.161487	F 17.37934	.3972862
Stddev	.0023013	.004363	.012575	.009666	.02933	.0004873
%RSD	.4750454	.1335550	.1630550	.1349708	.1687892	.1226531
#1	.4817752	3.270044	7.717758	7.161594	17.41303	.3975801
#2	.4856533	3.268391	7.697947	7.171100	17.35950	.3975548
#3	.4858608	3.261798	7.721272	7.151769	17.36547	.3967237

Elem	Sr4077
Units	ppm
Avg	.2130206
Stddev	.0001817
%RSD	.0852772
#1	.2131192
#2	.2131317
#3	.2128110

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3756.197	91926.21	19940.48	2438.418	4614.887
Stddev	5.220	403.94	41.71	9.476	7.056
%RSD	.1389608	.4394227	.2091867	.3886108	.1529041
#1	3750.235	91566.51	19900.84	2436.288	4608.798
#2	3758.416	92363.23	19984.00	2430.189	4622.620
#3	3759.942	91848.89	19936.59	2448.778	4613.244

Reviewed By:kareem
On:4/11/2025 10:25:08 AM
Inst Id :P4
LB :LB135373

Sample Name: Q1749-01 Acquired: 4/10/2025 12:03:53 Type: Unk
Method: NON EPA-6010-200.7(v2915) 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	.0263095	-.002132	2.551917	-.011869	.0193977	35.80367	.2327218
Stddev	.0035903	.001205	.007527	.002543	.0011972	.09979	.0003863
%RSD	13.64634	56.53365	.2949591	21.42917	6.171885	.2787205	.1660103
#1	.0301201	-.003247	2.551344	-.014076	.0183091	35.75458	.2323119
#2	.0258181	-.000853	2.544693	-.009088	.0192042	35.73793	.2330792
#3	.0229902	-.002295	2.559715	-.012442	.0206799	35.91850	.2327744

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0044544	-.001895	5.389428	.1105721	.0399298	.4461174	80.02505
Stddev	.0000153	.000074	.007969	.0002625	.0003328	.0010337	.19662
%RSD	.3429942	3.921047	.1478707	.2374084	.8335478	.2317013	.2456956
#1	.0044371	-.001942	5.386353	.1105512	.0400127	.4473069	80.05942
#2	.0044602	-.001933	5.398476	.1108445	.0395634	.4456075	80.20222
#3	.0044660	-.001809	5.383453	.1103207	.0402134	.4454377	79.81352

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3470551	2.676767	.0781860	.0034198	1.550109	.1871101	.8672368
Stddev	.0011583	.009946	.0004096	.0002109	.004256	.0016068	.0045488
%RSD	.3337507	.3715563	.5238490	6.165837	.2745331	.8587522	.5245149
#1	.3460942	2.670906	.0777242	.0036082	1.553110	.1887573	.8628774
#2	.3467298	2.688251	.0783284	.0034592	1.551979	.1855470	.8668791
#3	.3483412	2.671144	.0785054	.0031920	1.545239	.1870259	.8719539

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.515107	.1192863	.0077841	.0623217	.6549549	3.672151	1.194476
Stddev	.024358	.0004685	.0001622	.0006084	.0025855	.010536	.004407
%RSD	1.607701	.3927310	2.084094	.9763091	.3947538	.2869252	.3689346
#1	1.505630	.1196245	.0078735	.0629500	.6542647	3.671911	1.193477
#2	1.496910	.1194828	.0078820	.0617352	.6578154	3.682805	1.190654
#3	1.542779	.1187516	.0075969	.0622800	.6527846	3.661736	1.199296

Reviewed By:kareem
On:4/11/2025 10:25:08 AM
Inst Id :P4
LB :LB135373

Sample Name: Q1749-01 Acquired: 4/10/2025 12:03:53 Type: Unk
Method: NON EPA-6010-200.7(v2915) 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	1.007419	.0380890	.0408115
Stddev	.004346	.0003134	.0001224
%RSD	.4314318	.8227223	.2998070
#1	1.010931	.0379470	.0408753
#2	1.008768	.0384482	.0406704
#3	1.002558	.0378717	.0408887

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3396.554	83900.54	15641.65	2257.668	5162.635
Stddev	6.020	315.78	91.71	9.766	2.406
%RSD	.1772315	.3763751	.5863058	.4325644	.0465964
#1	3393.401	84206.19	15747.50	2263.820	5164.063
#2	3392.765	83575.52	15591.32	2246.408	5159.857
#3	3403.495	83919.92	15586.13	2262.778	5163.984

Reviewed By:kareem
On:4/11/2025 10:25:08 AM
Inst Id :P4
LB :LB135373

Sample Name: CCV02 Acquired: 4/10/2025 12:08:04 Type: Unk
Method: NON EPA-6010-200.7(v2915) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV02 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.802838	4.856003	4.715725	4.864793	4.969272	9.830462
Stddev	.032649	.032992	.011303	.031089	.032725	.025840
%RSD	.6797838	.6794148	.2396891	.6390657	.6585442	.2628606
#1	4.770673	4.819382	4.704966	4.832143	4.935885	9.844570
#2	4.801892	4.865221	4.714708	4.868194	4.970640	9.800639
#3	4.835950	4.883406	4.727503	4.894042	5.001291	9.846178

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.675149	.2492668	2.354865	24.00969	1.021131	2.467166
Stddev	.121843	.0014188	.004534	.10816	.004184	.003867
%RSD	1.259335	.5692041	.1925175	.4504649	.4096958	.1567372
#1	9.534625	.2487899	2.349691	24.00712	1.021737	2.462863
#2	9.739464	.2481478	2.356768	23.90285	1.024979	2.468284
#3	9.751358	.2508626	2.358138	24.11911	1.016678	2.470351

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.274572	5.226019	2.344493	24.11762	2.479125	1.260692
Stddev	.003724	.029528	.007568	.14533	.007270	.001004
%RSD	.2921654	.5650112	.3228177	.6025807	.2932337	.0796408
#1	1.271021	5.257124	2.348683	24.11060	2.471259	1.261595
#2	1.274247	5.222559	2.335757	23.97593	2.480520	1.260870
#3	1.278448	5.198374	2.349041	24.26633	2.485596	1.259611

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	27.09167	2.432752	2.534778	26.80812	F 4.453158	4.963059
Stddev	.23644	.013378	.006893	.24021	.029796	.020281
%RSD	.8727578	.5499305	.2719438	.8960525	.6691066	.4086431
#1	27.26305	2.433253	2.537694	26.99506	4.443995	4.943006
#2	27.19005	2.419130	2.539733	26.89211	4.429019	4.962609
#3	26.82192	2.445873	2.526906	26.53719	4.486460	4.983561

Reviewed By:kareem
On:4/11/2025 10:25:08 AM
Inst Id :P4
LB :LB135373

Sample Name: CCV02 Acquired: 4/10/2025 12:08:04 Type: Unk
Method: NON EPA-6010-200.7(v2915) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV02 Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.797318	4.656074	F 6.242821	4.827944	4.675280	4.650698
Stddev	.016507	.018640	.022329	.015283	.016124	.020174
%RSD	.3440958	.4003354	.3576694	.3165476	.3448732	.4337817
#1	4.779555	4.660155	6.266186	4.811077	4.657591	4.671786
#2	4.800211	4.635732	6.240578	4.831886	4.689153	4.631584
#3	4.812187	4.672336	6.221698	4.840870	4.679096	4.648725

Elem	Sr4077
Units	ppm
Avg	4.714991
Stddev	.075301
%RSD	1.597063
#1	4.718630
#2	4.637936
#3	4.788407

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3164.474	75871.85	14926.97	2040.820	4906.699
Stddev	12.872	139.09	96.83	1.604	13.648
%RSD	.4067776	.1833158	.6486701	.0785999	.2781549
#1	3177.929	75814.89	14947.34	2042.649	4922.410
#2	3163.218	75770.29	15011.99	2040.161	4899.921
#3	3152.276	76030.37	14821.58	2039.651	4897.767

Reviewed By:kareem
On:4/11/2025 10:25:08 AM
Inst Id :P4
LB :LB135373

Sample Name: CCB02 Acquired: 4/10/2025 12:12:15 Type: Unk
Method: NON EPA-6010-200.7(v2915) 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	-.002084	-.000844	-.001480	-.002703	-.000101	-.003730	-.008985
Stddev	.001231	.000336	.001586	.000833	.002569	.001525	.000750
%RSD	59.06313	39.78608	107.1267	30.82673	2541.068	40.87958	8.345073
#1	-.003415	-.001192	-.002084	-.003660	-.000959	-.002520	-.008634
#2	-.001854	-.000820	-.002675	-.002138	-.002131	-.005443	-.008475
#3	-.000985	-.000521	.000319	-.002310	.002787	-.003228	-.009846

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000872	-.000128	-.019729	-.000497	-.000061	-.000113	-.003734
Stddev	.0000158	.000020	.010143	.000307	.000137	.000299	.003066
%RSD	18.10682	15.59097	51.41254	61.78725	224.3550	265.4116	82.12178
#1	.0000940	-.000105	-.017671	-.000809	-.000218	.000159	-.000197
#2	.0000691	-.000137	-.010773	-.000195	-.000002	-.000434	-.005355
#3	.0000984	-.000142	-.030744	-.000486	.000037	-.000064	-.005648

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003760	-.001510	-.000085	.0007487	-.276556	-.000314	-.001871
Stddev	.000124	.006357	.000236	.0001485	.008074	.001510	.000233
%RSD	3.310885	420.9444	277.2274	19.83914	2.919447	481.5173	12.44726
#1	-.003638	-.008842	.000171	.0006926	-.285682	.001401	-.001619
#2	-.003887	.002469	-.000293	.0009171	-.273644	-.001445	-.002079
#3	-.003755	.001842	-.000133	.0006364	-.270343	-.000896	-.001914

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.188141	-.002074	-.000159	-.000541	.0013909	.0073831	-.001904
Stddev	.006446	.000346	.000101	.000718	.0001124	.0055700	.001351
%RSD	3.426344	16.66713	63.96711	132.5371	8.081531	75.44267	70.95387
#1	-.195080	-.001852	-.000258	-.000336	.0015084	.0122284	-.003297
#2	-.182339	-.001897	-.000162	-.001339	.0012844	.0086234	-.000600
#3	-.187004	-.002472	-.000056	.000051	.0013799	.0012975	-.001815

Reviewed By:kareem
On:4/11/2025 10:25:08 AM
Inst Id :P4
LB :LB135373

Sample Name: CCB02 Acquired: 4/10/2025 12:12:15 Type: Unk
Method: NON EPA-6010-200.7(v2915) 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	-.000836	-.004575	-.000256
Stddev	.000844	.000145	.000045
%RSD	101.0542	3.172848	17.40038
#1	.000086	-.004436	-.000213
#2	-.001021	-.004564	-.000302
#3	-.001572	-.004725	-.000254

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3264.874	78670.60	15545.19	2093.884	5490.688
Stddev	7.549	236.09	18.44	6.496	8.156
%RSD	.2312312	.3000992	.1186381	.3102268	.1485353
#1	3273.164	78865.01	15564.79	2092.322	5497.212
#2	3263.063	78407.89	15542.62	2088.312	5493.306
#3	3258.395	78738.90	15528.17	2101.019	5481.544

Reviewed By:kareem
On:4/11/2025 10:25:08 AM
Inst Id :P4
LB :LB135373

Sample Name: Q1732-01 Acquired: 4/10/2025 12:17:10 Type: Unk
Method: NON EPA-6010-200.7(v2916) 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	.0767385	.0007833	2.077115	-.033447	.0031573	114.6619	1.268970
Stddev	.0022883	.0017755	.009488	.001581	.0001956	.2569	.003666
%RSD	2.981928	226.6699	.4567838	4.726557	6.193994	.2240696	.2888681
#1	.0793127	-.000739	2.072189	-.033705	.0029364	114.7449	1.269544
#2	.0759675	.002734	2.071103	-.031753	.0033085	114.8671	1.272315
#3	.0749353	.000356	2.088052	-.034883	.0032268	114.3738	1.265051

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0081685	.0037783	223.7338	.2073820	.1843658	.7662815	269.1339
Stddev	.0000690	.0002192	.5835	.0010254	.0007802	.0012315	.2884
%RSD	.8443582	5.801127	.2607846	.4944235	.4231815	.1607136	.1071465
#1	.0081956	.0037198	224.3054	.2074057	.1836028	.7673678	269.1495
#2	.0082198	.0035944	223.7566	.2063450	.1843325	.7649436	269.4142
#3	.0080901	.0040208	223.1392	.2083953	.1851621	.7665331	268.8381

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.266042	59.04340	.3007113	.0088972	14.26703	.3757659	1.433027
Stddev	.027222	.17641	.0001809	.0002420	.06690	.0014663	.002824
%RSD	.4344443	.2987777	.0601520	2.719438	.4689462	.3902284	.1970839
#1	6.291010	59.22481	.3006850	.0089958	14.19294	.3762317	1.429802
#2	6.270095	59.03295	.3005450	.0090743	14.32301	.3769427	1.435063
#3	6.237020	58.87245	.3009039	.0086216	14.28515	.3741232	1.434214

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.78716	.4827309	.0069838	.0826710	3.824028	6.304579	8.145017
Stddev	.06695	.0015004	.0003700	.0017735	.011463	.027711	.008652
%RSD	.4855705	.3108185	5.298375	2.145300	.2997546	.4395407	.1062200
#1	13.73130	.4833897	.0073957	.0843441	3.830657	6.273886	8.150612
#2	13.86137	.4837892	.0066797	.0808117	3.830635	6.312092	8.135053
#3	13.76882	.4810138	.0068759	.0828572	3.810792	6.327760	8.149388

Reviewed By:kareem
On:4/11/2025 10:25:08 AM
Inst Id :P4
LB :LB135373

Sample Name: Q1732-01 Acquired: 4/10/2025 12:17:10 Type: Unk
Method: NON EPA-6010-200.7(v2916) 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	5.993543	.2634445	.7847101
Stddev	.019671	.0013245	.0027146
%RSD	.3282084	.5027654	.3459350
#1	5.975880	.2630607	.7853603
#2	5.990006	.2649185	.7870405
#3	6.014743	.2623543	.7817294

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3319.127	81533.91	18278.36	2123.044	4405.969
Stddev	9.357	124.46	42.89	10.784	13.802
%RSD	.2819115	.1526530	.2346289	.5079533	.3132582
#1	3310.730	81675.91	18229.11	2118.731	4402.713
#2	3329.214	81482.07	18307.42	2115.084	4421.108
#3	3317.437	81443.74	18298.57	2135.317	4394.087

Reviewed By:kareem
On:4/11/2025 10:25:08 AM
Inst Id :P4
LB :LB135373

Sample Name: Q1733-01 Acquired: 4/10/2025 12:21:13 Type: Unk
Method: NON EPA-6010-200.7(v2916) 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	.1538305	-.006345	.2719292	-.017465	-.003391	118.1648
Stddev	.0037608	.002536	.0008118	.005041	.002753	.0981
%RSD	2.444746	39.96407	.2985351	28.86468	81.16981	.0830285
#1	.1568863	-.007286	.2717626	-.014821	-.000253	118.0724
#2	.1496305	-.008275	.2712136	-.023278	-.004525	118.1544
#3	.1549747	-.003473	.2728113	-.014295	-.005396	118.2677

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6569979	.0334377	.0104923	77.75459	.3978178	.1557954
Stddev	.0013809	.0000965	.0001935	.17029	.0008122	.0006981
%RSD	.2101909	.2884921	1.844636	.2190045	.2041564	.4480828
#1	.6559452	.0333607	.0102919	77.68129	.3986567	.1550734
#2	.6564869	.0335459	.0106781	77.63323	.3970354	.1558461
#3	.6585615	.0334064	.0105069	77.94925	.3977613	.1564668

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2132617	137.7256	2.185400	104.2853	.2524029	.0093462
Stddev	.0004456	.6115	.005673	.2027	.0007114	.0001694
%RSD	.2089266	.4440328	.2595823	.1943449	.2818522	1.812824
#1	.2134498	137.9859	2.178851	104.3673	.2521298	.0092010
#2	.2135823	137.0269	2.188573	104.0545	.2518684	.0095324
#3	.2127529	138.1639	2.188777	104.4342	.2532103	.0093052

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	93.26922	.4298093	1.278364	19.21321	.2239240	.0078681
Stddev	.26914	.0005272	.003054	.07456	.0020932	.0001012
%RSD	.2885580	.1226633	.2389269	.3880680	.9347962	1.286582
#1	93.48311	.4292008	1.279068	19.27811	.2244435	.0078488
#2	93.35753	.4301286	1.275019	19.13177	.2216200	.0077779
#3	92.96703	.4300985	1.281004	19.22976	.2257086	.0079776

Reviewed By:kareem
On:4/11/2025 10:25:08 AM
Inst Id :P4
LB :LB135373

Sample Name: Q1733-01 Acquired: 4/10/2025 12:21:13 Type: Unk
Method: NON EPA-6010-200.7(v2916) 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	.0158175	.8284805	2.461302	F 27.71619	5.042854	.1095456
Stddev	.0016602	.0018557	.022192	.10150	.008033	.0001624
%RSD	10.49562	.2239890	.9016186	.3662175	.1592875	.1482605
#1	.0139038	.8279308	2.481614	27.64378	5.035134	.1093912
#2	.0168717	.8269617	2.437617	27.67258	5.042263	.1095306
#3	.0166770	.8305489	2.464674	27.83221	5.051166	.1097150

Elem	Sr4077
Units	ppm
Avg	.4569402
Stddev	.0010961
%RSD	.2398885
#1	.4559761
#2	.4567120
#3	.4581325

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3763.627	92459.53	18820.32	2440.662	4393.589
Stddev	13.115	259.09	50.91	14.306	6.547
%RSD	.3484647	.2802215	.2705240	.5861387	.1490176
#1	3748.533	92389.20	18876.92	2440.884	4388.848
#2	3770.111	92746.53	18805.75	2454.855	4401.060
#3	3772.236	92242.87	18778.27	2426.246	4390.860

Reviewed By:kareem
On:4/11/2025 10:25:08 AM
Inst Id :P4
LB :LB135373

Sample Name: Q1740-01 Acquired: 4/10/2025 12:25:25 Type: Unk
Method: NON EPA-6010-200.7(v2916) 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	.0257352	.0050319	.1357108	-.026269	-.004391	72.60556	.7193262
Stddev	.0019760	.0016948	.0016689	.000347	.001230	.07927	.0026920
%RSD	7.678202	33.68114	1.229727	1.320588	28.00520	.1091730	.3742383
#1	.0235541	.0040434	.1366482	-.026068	-.003138	72.66203	.7200795
#2	.0274060	.0069888	.1367002	-.026670	-.004439	72.63970	.7163378
#3	.0262455	.0040634	.1337840	-.026070	-.005597	72.51494	.7215612

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0102876	-.000491	18.94918	.1600540	.0871450	.2707263	187.6568
Stddev	.0001145	.000176	.07465	.0003267	.0001154	.0003311	.9876
%RSD	1.112792	35.82757	.3939730	.2041269	.1324083	.1223154	.5262617
#1	.0101557	-.000521	18.89573	.1596829	.0870148	.2703464	187.7413
#2	.0103607	-.000302	19.03448	.1601807	.0871858	.2708784	186.6297
#3	.0103464	-.000650	18.91732	.1602984	.0872345	.2709540	188.5994

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.708576	27.54385	.1902184	.0021293	7.784446	.2012734	.4776144
Stddev	.006362	.20984	.0007231	.0002849	.084034	.0014253	.0039770
%RSD	.1351164	.7618277	.3801230	13.38031	1.079508	.7081580	.8326876
#1	4.701769	27.37651	.1894306	.0023241	7.818653	.2028811	.4746491
#2	4.714372	27.77928	.1908519	.0018023	7.688703	.2007745	.4760602
#3	4.709587	27.47577	.1903725	.0022615	7.845981	.2001646	.4821338

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.554353	.2756024	.0000420	.0026325	2.212818	2.958227	6.931623
Stddev	.090602	.0024471	.0003164	.0003234	.001597	.030762	.033532
%RSD	1.059135	.8878990	753.0774	12.28713	.0721811	1.039884	.4837574
#1	8.593220	.2767601	.0001655	.0024794	2.211759	2.988415	6.892904
#2	8.450802	.2727913	.0002781	.0030040	2.212039	2.926921	6.950747
#3	8.619037	.2772558	-.000318	.0024139	2.214655	2.959346	6.951217

Reviewed By:kareem
On:4/11/2025 10:25:08 AM
Inst Id :P4
LB :LB135373

Sample Name: Q1740-01 Acquired: 4/10/2025 12:25:25 Type: Unk
Method: NON EPA-6010-200.7(v2916) 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	.3073152	.2026908	.1057872
Stddev	.0073233	.0012659	.0001818
%RSD	2.382999	.6245521	.1718637
#1	.3023398	.2014925	.1059969
#2	.3038813	.2025651	.1056916
#3	.3157244	.2040149	.1056732

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3582.471	86714.11	16537.82	2350.987	4898.685
Stddev	7.735	185.53	104.61	14.252	1.498
%RSD	.2159035	.2139550	.6325479	.6062087	.0305719
#1	3576.087	86855.97	16578.69	2353.084	4898.274
#2	3591.072	86782.19	16418.94	2364.074	4900.346
#3	3580.254	86504.15	16615.81	2335.802	4897.436

Reviewed By:kareem
On:4/11/2025 10:25:08 AM
Inst Id :P4
LB :LB135373

Sample Name: Q1743-01 Acquired: 4/10/2025 12:29:30 Type: Unk
Method: NON EPA-6010-200.7(v2916) 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	.0263876	-.003029	1.019781	-.015919	.0063378	49.20446	.4065609
Stddev	.0003581	.003309	.000858	.005182	.0003621	.11363	.0019672
%RSD	1.357219	109.2515	.0841604	32.55186	5.713533	.2309278	.4838659
#1	.0265895	.000656	1.019652	-.009961	.0067554	49.13357	.4046379
#2	.0259741	-.003995	1.018994	-.018413	.0061478	49.14429	.4085695
#3	.0265992	-.005747	1.020696	-.019382	.0061103	49.33552	.4064755

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0048292	-.000924	54.64361	.0982334	.1051883	.4532403	113.0016
Stddev	.0000420	.000272	.11135	.0016760	.0002675	.0012303	1.5004
%RSD	.8687091	29.43598	.2037835	1.706187	.2542649	.2714363	1.327785
#1	.0048015	-.001207	54.63201	.1001007	.1050238	.4520470	114.6832
#2	.0048087	-.000901	54.53852	.0968593	.1050441	.4531695	112.5216
#3	.0048775	-.000665	54.76032	.0977401	.1054969	.4545045	111.7999

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.117681	30.82602	.1175863	.0029603	1.748953	.2163412	.9709606
Stddev	.000671	.10403	.0006341	.0002693	.029378	.0016350	.0147030
%RSD	.0600194	.3374767	.5392686	9.098164	1.679749	.7557695	1.514274
#1	1.117534	30.85874	.1169617	.0026612	1.776990	.2169779	.9878920
#2	1.117096	30.70957	.1175677	.0030361	1.751472	.2175621	.9614107
#3	1.118413	30.90976	.1182295	.0031837	1.718397	.2144836	.9635793

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.583749	.1609791	.0039391	.0341636	2.123150	4.200086	1.918607
Stddev	.012776	.0038169	.0002486	.0016338	.002728	.043674	.012230
%RSD	.8066899	2.371072	6.311969	4.782158	.1284865	1.039844	.6374555
#1	1.598499	.1650233	.0037845	.0337518	2.121128	4.250457	1.928589
#2	1.576596	.1604746	.0038069	.0359639	2.122068	4.177034	1.922269
#3	1.576152	.1574396	.0042259	.0327752	2.126253	4.172767	1.904965

Reviewed By:kareem
On:4/11/2025 10:25:08 AM
Inst Id :P4
LB :LB135373

Sample Name: Q1743-01 Acquired: 4/10/2025 12:29:30 Type: Unk
Method: NON EPA-6010-200.7(v2916) 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	1.393923	.0622192	.1982532
Stddev	.004294	.0003840	.0003514
%RSD	.3080497	.6171741	.1772638
#1	1.392425	.0626444	.1979211
#2	1.390580	.0618978	.1986212
#3	1.398766	.0621154	.1982174

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3322.575	81131.95	15946.78	2166.111	4879.895
Stddev	6.361	1266.26	79.17	37.040	4.330
%RSD	.1914422	1.560740	.4964791	1.709965	.0887405
#1	3329.348	79669.90	15902.17	2123.366	4884.701
#2	3321.649	81877.54	16038.19	2186.207	4878.691
#3	3316.728	81848.41	15899.97	2188.759	4876.295

Reviewed By:kareem
On:4/11/2025 10:25:08 AM
Inst Id :P4
LB :LB135373

Sample Name: Q1739-01 Acquired: 4/10/2025 12:33:38 Type: Unk
Method: NON EPA-6010-200.7(v2916) 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	.0009130	-.005519	.0455140	-.002488	.0020760	3.152453	.2540546
Stddev	.0035372	.003306	.0019689	.002998	.0016015	.013645	.0004121
%RSD	387.4292	59.89975	4.325934	120.4891	77.14167	.4328515	.1622058
#1	.0033148	-.001933	.0447362	-.001106	.0038635	3.137154	.2540213
#2	-.003149	-.006178	.0477530	-.000430	.0007719	3.156839	.2544824
#3	.002573	-.008445	.0440528	-.005927	.0015926	3.163366	.2536602

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0010770	-.000678	61.11785	.0143716	.0015404	.0301871	20.22679
Stddev	.0000289	.000129	.21023	.0003225	.0000389	.0002545	.12139
%RSD	2.679191	18.96274	.3439721	2.243837	2.522002	.8429805	.6001261
#1	.0010960	-.000823	60.96775	.0140366	.0014972	.0300942	20.34008
#2	.0010438	-.000576	61.35812	.0146798	.0015516	.0299922	20.09867
#3	.0010913	-.000636	61.02767	.0143984	.0015724	.0304750	20.24163

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.642706	11.37737	.0047816	.0013590	843.7837	.0410811	.0992329
Stddev	.005542	.03184	.0001475	.0002223	6.3244	.0010252	.0005110
%RSD	.3373866	.2798206	3.084322	16.35334	.7495285	2.495443	.5149611
#1	1.639664	11.35753	.0046466	.0015183	847.5205	.0421408	.0986704
#2	1.649104	11.41409	.0047593	.0014537	836.4816	.0400944	.0993600
#3	1.639352	11.36048	.0049390	.0011051	847.3490	.0410083	.0996684

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.92733	.0905783	.0034763	-.001458	.1677936	6.506686	.4772570
Stddev	.07660	.0000842	.0000616	.000696	.0005780	.041549	.0049768
%RSD	.6422551	.0929650	1.773171	47.71914	.3444702	.6385607	1.042798
#1	11.99842	.0904827	.0034121	-.000697	.1672817	6.551716	.4762727
#2	11.84620	.0906414	.0035350	-.001618	.1684205	6.469833	.4728459
#3	11.93736	.0906108	.0034818	-.002061	.1676787	6.498510	.4826525

Reviewed By:kareem
On:4/11/2025 10:25:08 AM
Inst Id :P4
LB :LB135373

Sample Name: Q1739-01 Acquired: 4/10/2025 12:33:38 Type: Unk
Method: NON EPA-6010-200.7(v2916) 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	8.158826	.0038588	.4666544
Stddev	.012643	.0004761	.0008234
%RSD	.1549555	12.33740	.1764366
#1	8.144228	.0034729	.4665804
#2	8.166253	.0043908	.4675123
#3	8.165996	.0037125	.4658706

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2885.034	71279.24	16252.47	1869.448	4166.845
Stddev	5.795	172.42	118.92	8.620	6.220
%RSD	.2008469	.2418887	.7316877	.4611071	.1492821
#1	2891.655	71314.10	16374.32	1878.375	4174.024
#2	2880.888	71431.56	16136.72	1868.796	4163.471
#3	2882.559	71092.06	16246.37	1861.172	4163.042

Reviewed By:kareem
On:4/11/2025 10:25:08 AM
Inst Id :P4
LB :LB135373

Sample Name: Q1748-04 Acquired: 4/10/2025 12:38:00 Type: Unk
Method: NON EPA-6010-200.7(v2916) 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	-.007469	-.007439	.1681492	.0033203	.0025977	-.024192
Stddev	.000383	.001411	.0010239	.0025644	.0022825	.001767
%RSD	5.123134	18.96122	.6089282	77.23429	87.86569	7.305606
#1	-.007242	-.008600	.1673347	.0013903	.0001877	-.022896
#2	-.007911	-.007848	.1678143	.0023404	.0028788	-.023475
#3	-.007255	-.005869	.1692986	.0062302	.0047267	-.026205

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1268941	-.000160	.0010652	133.9467	.0006112	.0065707
Stddev	.0018759	.000016	.0000783	.7659	.0003699	.0002775
%RSD	1.478284	10.10579	7.351369	.5718262	60.52490	4.223679
#1	.1249894	-.000145	.0010557	133.0767	.0001861	.0067130
#2	.1269530	-.000177	.0009920	134.2439	.0007870	.0062509
#3	.1287398	-.000160	.0011478	134.5195	.0008604	.0067482

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0665040	-.001473	1.090825	3.754902	.0178338	.0006277
Stddev	.0003317	.001834	.007362	.040900	.0002250	.0001141
%RSD	.4987925	124.5049	.6749398	1.089233	1.261828	18.17485
#1	.0662032	-.000047	1.082342	3.707675	.0176301	.0006446
#2	.0668597	-.003541	1.095540	3.778648	.0177960	.0005062
#3	.0664490	-.000830	1.094594	3.778382	.0180754	.0007325

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	358.5701	-.000303	1.443994	3.101039	.0178024	.0009172
Stddev	2.3603	.000568	.003722	.029580	.0002253	.0003626
%RSD	.6582515	187.5900	.2577676	.9538764	1.265765	39.53485
#1	357.8324	-.000395	1.442986	3.082797	.0178468	.0005295
#2	361.2111	.000305	1.448116	3.135168	.0175582	.0009740
#3	356.6667	-.000819	1.440879	3.085152	.0180022	.0012480

Reviewed By:kareem
On:4/11/2025 10:25:08 AM
Inst Id :P4
LB :LB135373

Sample Name: Q1748-04 Acquired: 4/10/2025 12:38:00 Type: Unk
Method: NON EPA-6010-200.7(v2916) 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	-.003412	-.001710	2.231793	.0296628	F 10.04583	-.011553
Stddev	.000786	.000419	.010142	.0019154	.00648	.000615
%RSD	23.04700	24.52083	.4544167	6.457137	.0644868	5.324969
#1	-.003454	-.001317	2.220091	.0285446	10.05173	-.012102
#2	-.002605	-.001663	2.238029	.0318744	10.04686	-.010888
#3	-.004177	-.002152	2.237260	.0285693	10.03890	-.011670

Elem	Sr4077
Units	ppm
Avg	.5077389
Stddev	.0021058
%RSD	.4147403
#1	.5053087
#2	.5088850
#3	.5090231

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2827.284	69972.77	15188.65	1847.351	4350.532
Stddev	3.784	224.17	31.45	10.781	5.569
%RSD	.1338247	.3203669	.2070826	.5835840	.1280053
#1	2824.008	69930.96	15219.18	1835.780	4344.103
#2	2826.419	69772.45	15190.42	1849.159	4353.635
#3	2831.425	70214.90	15156.34	1857.113	4353.858

Reviewed By:kareem
On:4/11/2025 10:25:08 AM
Inst Id :P4
LB :LB135373

Sample Name: Q1748-08 Acquired: 4/10/2025 12:42:23 Type: Unk
Method: NON EPA-6010-200.7(v2916) 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	-.001669	-.006211	.0676200	.0025811	.0015044	.2080882	.4980144
Stddev	.000891	.000466	.0015588	.0025225	.0014506	.0043924	.0023889
%RSD	53.38983	7.498100	2.305262	97.73150	96.42193	2.110843	.4796921
#1	-.002653	-.006565	.0670211	-.000165	.0023690	.2032785	.4990056
#2	-.000916	-.005683	.0664494	.003113	.0023146	.2118870	.4952894
#3	-.001439	-.006384	.0693895	.004795	-.000170	.2090992	.4997481

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001840	-.000730	37.91300	-.000258	.0082313	.0134764	17.51526
Stddev	.0000362	.000016	.20945	.000173	.0000564	.0003232	.10589
%RSD	19.67286	2.168677	.5524616	66.82943	.6845275	2.398220	.6045506
#1	.0002242	-.000713	38.13277	-.000456	.0081663	.0131883	17.55870
#2	.0001739	-.000744	37.89057	-.000138	.0082655	.0138259	17.39456
#3	.0001539	-.000734	37.71567	-.000181	.0082622	.0134151	17.59251

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.967483	1.726018	.0110325	.0011562	345.3503	-.001824	.3551207
Stddev	.005995	.007892	.0002281	.0002163	1.5944	.000691	.0026215
%RSD	.3046927	.4572319	2.067813	18.70946	.4616772	37.87789	.7382022
#1	1.974259	1.735120	.0112642	.0012804	347.1687	-.001064	.3523922
#2	1.962871	1.721861	.0110252	.0012818	344.1918	-.002414	.3576202
#3	1.965320	1.721074	.0108082	.0009064	344.6905	-.001994	.3553499

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.625980	.0768730	-.000327	-.001558	.0060047	1.334742	.0205999
Stddev	.012712	.0003010	.000209	.000988	.0002141	.005351	.0025488
%RSD	.4840828	.3915534	63.89362	63.42169	3.565912	.4008778	12.37277
#1	2.630241	.0766143	-.000498	-.001674	.0057686	1.339532	.0187506
#2	2.611685	.0772033	-.000094	-.002483	.0061863	1.328968	.0195419
#3	2.636014	.0768013	-.000388	-.000517	.0060593	1.335726	.0235073

Reviewed By:kareem
On:4/11/2025 10:25:08 AM
Inst Id :P4
LB :LB135373

Sample Name: Q1748-08 Acquired: 4/10/2025 12:42:23 Type: Unk
Method: NON EPA-6010-200.7(v2916) 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	.8207269	-.003891	.1841623
Stddev	.0055543	.000253	.0006113
%RSD	.6767548	6.508451	.3319278
#1	.8157179	-.003938	.1838983
#2	.8267002	-.003618	.1837274
#3	.8197626	-.004118	.1848613

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2965.914	72761.00	15245.72	1952.570	4543.259
Stddev	10.109	199.84	114.72	5.099	15.095
%RSD	.3408497	.2746478	.7524585	.2611251	.3322569
#1	2960.364	72533.20	15161.23	1952.594	4533.230
#2	2977.583	72843.04	15199.62	1947.460	4560.620
#3	2959.795	72906.76	15376.32	1957.657	4535.927

Reviewed By:kareem
On:4/11/2025 10:25:08 AM
Inst Id :P4
LB :LB135373

Sample Name: Q1754-02 Acquired: 4/10/2025 12:46:46 Type: Unk
Method: NON EPA-6010-200.7(v2916) 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	-.004048	-.007199	.0458442	.0004847	.0012055	.0209184	.3026898
Stddev	.001160	.001036	.0012642	.0011521	.0001420	.0020815	.0007947
%RSD	28.66234	14.39635	2.757514	237.7029	11.78291	9.950610	.2625532
#1	-.004562	-.008304	.0472916	.0004163	.0013160	.0231277	.3020735
#2	-.004863	-.007044	.0452849	-.000632	.0012550	.0206334	.3035868
#3	-.002720	-.006248	.0449562	.001670	.0010453	.0189941	.3024091

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000047	.0003364	16.39586	.0209237	-.000203	.0169220	.1389557
Stddev	.000015	.0001334	.02189	.0004592	.000116	.0003609	.0054734
%RSD	31.04066	39.65445	.1335000	2.194658	57.07031	2.132801	3.938937
#1	-.000058	.0004389	16.41758	.0204920	-.000077	.0166388	.1332443
#2	-.000031	.0003847	16.39618	.0214062	-.000229	.0173284	.1394677
#3	-.000054	.0001856	16.37381	.0208730	-.000304	.0167987	.1441551

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0211068	.9487980	.0096155	.0004140	242.5437	.0000184	.2215281
Stddev	.0002266	.0087166	.0003895	.0002061	1.7461	.0006358	.0007919
%RSD	1.073504	.9187034	4.051068	49.78827	.7198962	3447.435	.3574517
#1	.0209458	.9561214	.0096365	.0003909	240.8044	.0005102	.2222169
#2	.0210087	.9391567	.0092158	.0006307	242.5303	-.000700	.2206630
#3	.0213659	.9511158	.0099940	.0002204	244.2964	.000245	.2217045

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9694712	.0479812	-.000022	-.001155	.0007840	.7529021	.0875063
Stddev	.0117109	.0013843	.000279	.000219	.0003767	.0065017	.0023452
%RSD	1.207962	2.885143	1250.995	18.92919	48.04710	.8635474	2.680027
#1	.9773139	.0491427	-.000199	-.000956	.0005914	.7524499	.0895623
#2	.9560097	.0483516	-.000167	-.001389	.0012181	.7466383	.0849520
#3	.9750899	.0464494	.000299	-.001119	.0005426	.7596180	.0880046

Reviewed By:kareem
On:4/11/2025 10:25:08 AM
Inst Id :P4
LB :LB135373

Sample Name: Q1754-02 Acquired: 4/10/2025 12:46:46 Type: Unk
Method: NON EPA-6010-200.7(v2916) 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	.7085559	-.009613	.0934650
Stddev	.0008279	.000056	.0001143
%RSD	.1168493	.5874152	.1222817
#1	.7089024	-.009574	.0933458
#2	.7091543	-.009678	.0934754
#3	.7076110	-.009587	.0935737

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3073.947	74472.23	14909.05	2000.277	4802.876
Stddev	5.426	126.55	43.94	7.295	10.723
%RSD	.1765313	.1699238	.2947094	.3647116	.2232555
#1	3067.714	74561.71	14858.70	2003.765	4794.753
#2	3077.619	74527.52	14928.89	2005.173	4815.030
#3	3076.508	74327.44	14939.58	1991.892	4798.845

Reviewed By:kareem
On:4/11/2025 10:25:08 AM
Inst Id :P4
LB :LB135373

Sample Name: Q1754-04 Acquired: 4/10/2025 12:51:11 Type: Unk
Method: NON EPA-6010-200.7(v2916) 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	-.005385	-.009739	.0038831	.0008727	.0007483	.8891898	.0785454
Stddev	.002157	.002283	.0016313	.0015734	.0016266	.0103315	.0007597
%RSD	40.05236	23.43574	42.01102	180.2899	217.3807	1.161899	.9672155
#1	-.006095	-.007720	.0056554	.0008590	-.000031	.8987562	.0778761
#2	-.002963	-.012216	.0035498	.0024529	-.000342	.8905794	.0793712
#3	-.007097	-.009283	.0024442	-.000694	.002618	.8782339	.0783891

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000070	-.000173	174.5504	.0506444	-.000728	.0015576	.3848007
Stddev	.000018	.000015	.3124	.0006649	.000092	.0004110	.0061249
%RSD	25.49434	8.880960	.1789644	1.312784	12.57536	26.38783	1.591715
#1	-.000058	-.000156	174.2828	.0503366	-.000623	.0010856	.3780172
#2	-.000061	-.000185	174.8937	.0501892	-.000792	.0018370	.3864597
#3	-.000090	-.000178	174.4748	.0514074	-.000769	.0017501	.3899252

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0172485	.5866924	.0001472	.0002753	328.6506	-.000760	.0063102
Stddev	.0002256	.0102573	.0001585	.0000727	1.6344	.000182	.0004099
%RSD	1.307877	1.748325	107.6753	26.41545	.4973091	24.00557	6.495957
#1	.0174788	.5825512	.0000360	.0002566	327.2394	-.000588	.0062150
#2	.0170280	.5983729	.0000770	.0002137	328.2709	-.000951	.0059563
#3	.0172387	.5791532	.0003286	.0003555	330.4414	-.000742	.0067593

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.780777	.0023587	.0026712	-.003726	.0205808	2.991401	.0266972
Stddev	.028766	.0001259	.0000810	.000620	.0008093	.017044	.0030764
%RSD	.7608588	5.336624	3.031491	16.64910	3.932123	.5697517	11.52323
#1	3.771073	.0022314	.0025785	-.004417	.0200118	2.994064	.0239029
#2	3.758117	.0024831	.0027068	-.003216	.0202234	2.973183	.0299938
#3	3.813140	.0023616	.0027283	-.003546	.0215073	3.006957	.0261950

Reviewed By:kareem
On:4/11/2025 10:25:08 AM
Inst Id :P4
LB :LB135373

Sample Name: Q1754-04 Acquired: 4/10/2025 12:51:11 Type: Unk
Method: NON EPA-6010-200.7(v2916) 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	6.359617	-.027305	1.481262
Stddev	.018245	.000503	.010975
%RSD	.2868848	1.842376	.7409005
#1	6.379588	-.026853	1.473670
#2	6.343823	-.027847	1.476270
#3	6.355440	-.027215	1.493845

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2865.171	71853.73	15760.42	1885.774	4401.283
Stddev	5.172	202.17	59.49	6.515	5.708
%RSD	.1805190	.2813606	.3774849	.3454700	.1296820
#1	2870.799	71965.49	15796.33	1889.842	4403.788
#2	2860.627	71975.35	15691.75	1889.219	4394.752
#3	2864.085	71620.36	15793.19	1878.259	4405.310

Reviewed By:kareem
On:4/11/2025 10:25:08 AM
Inst Id :P4
LB :LB135373

Sample Name: Q1754-01 Acquired: 4/10/2025 12:55:44 Type: Unk
Method: NON EPA-6010-200.7(v2916) 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	.0969117	.0073401	3.468905	-.019729	-.009752	81.26911	1.746116
Stddev	.0058642	.0021032	.004866	.004421	.000689	.08114	.003463
%RSD	6.051114	28.65366	.1402800	22.40722	7.066563	.0998386	.1983506
#1	.0971082	.0081948	3.463288	-.016667	-.010433	81.19899	1.743816
#2	.0909516	.0049441	3.471837	-.024797	-.009055	81.35798	1.750100
#3	.1026752	.0088813	3.471590	-.017723	-.009769	81.25037	1.744434

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0065925	.0004988	32.48540	.2268536	.0952006	.5577304	203.8905
Stddev	.0000924	.0000592	.06842	.0013681	.0006248	.0009212	.3101
%RSD	1.400966	11.86041	.2106114	.6030610	.6563004	.1651745	.1520761
#1	.0066860	.0005555	32.51068	.2268579	.0955617	.5583040	203.5325
#2	.0065901	.0005033	32.53757	.2254834	.0955609	.5582194	204.0694
#3	.0065013	.0004375	32.40793	.2282195	.0944791	.5566678	204.0697

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.492922	19.83206	.1655688	.0077749	.9329442	.2732331	1.162181
Stddev	.019379	.03023	.0002560	.0001299	.0120754	.0015450	.003626
%RSD	.4313219	.1524383	.1546010	1.670867	1.294331	.5654500	.3120349
#1	4.493918	19.85077	.1653119	.0078523	.9207464	.2715683	1.166345
#2	4.511784	19.84823	.1658238	.0078474	.9331929	.2746208	1.159716
#3	4.473064	19.79718	.1655706	.0076249	.9448933	.2735103	1.160482

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.341156	.3095818	.0019059	.6700174	1.770967	7.562334	8.769151
Stddev	.046953	.0012240	.0004911	.0000911	.006321	.083888	.016827
%RSD	.7404483	.3953742	25.76762	.0135948	.3569171	1.109292	.1918889
#1	6.308097	.3091939	.0022507	.6701087	1.766545	7.476063	8.785576
#2	6.320471	.3085987	.0021235	.6700169	1.778206	7.567320	8.751949
#3	6.394900	.3109527	.0013436	.6699266	1.768148	7.643617	8.769927

Reviewed By:kareem
On:4/11/2025 10:25:08 AM
Inst Id :P4
LB :LB135373

Sample Name: Q1754-01 Acquired: 4/10/2025 12:55:44 Type: Unk
Method: NON EPA-6010-200.7(v2916) 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	1.765399	.1740709	.1733574
Stddev	.002168	.0002211	.0005209
%RSD	.1228275	.1270313	.3004686
#1	1.764703	.1738231	.1729885
#2	1.767830	.1742481	.1739532
#3	1.763665	.1741413	.1731303

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3629.538	88326.74	18936.42	2328.091	4873.909
Stddev	9.539	88.55	71.43	10.766	9.040
%RSD	.2628088	.1002498	.3771930	.4624227	.1854737
#1	3633.397	88313.65	18892.10	2317.906	4879.617
#2	3618.674	88421.11	18898.34	2327.012	4863.486
#3	3636.543	88245.47	19018.82	2339.356	4878.623

Reviewed By:kareem
On:4/11/2025 10:25:08 AM
Inst Id :P4
LB :LB135373

Sample Name: CCV03 Acquired: 4/10/2025 12:59:48 Type: Unk
Method: NON EPA-6010-200.7(v2916) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV03 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.892151	4.838343	4.736216	4.987317	5.068789	9.939889
Stddev	.012111	.023932	.013040	.009818	.011844	.016842
%RSD	.2475625	.4946365	.2753184	.1968621	.2336660	.1694431
#1	4.892597	4.849772	4.734488	4.996726	5.071679	9.954179
#2	4.879823	4.810839	4.724126	4.977136	5.055767	9.921320
#3	4.904033	4.854419	4.750033	4.988091	5.078920	9.944169

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.10442	.2350868	2.360539	24.20593	1.015656	2.476167
Stddev	.11123	.0011758	.004899	.08049	.001220	.006297
%RSD	1.100820	.5001504	.2075254	.3325103	.1201424	.2543161
#1	10.04158	.2359369	2.360953	24.26794	1.014360	2.476075
#2	10.03883	.2337450	2.355446	24.11497	1.016783	2.469917
#3	10.23285	.2355785	2.365217	24.23487	1.015824	2.482510

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.288120	5.227525	2.367533	23.90134	2.494595	1.266130
Stddev	.002730	.020775	.008643	.11987	.006615	.000748
%RSD	.2119064	.3974248	.3650459	.5015257	.2651803	.0590862
#1	1.286486	5.224786	2.376619	23.96250	2.497049	1.266543
#2	1.286603	5.249534	2.359415	23.76322	2.487104	1.265266
#3	1.291271	5.208254	2.366567	23.97829	2.499633	1.266580

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.29467	2.466949	2.557179	23.28752	F 4.235824	5.015188
Stddev	.10677	.005151	.006139	.11442	.025588	.010892
%RSD	.4394850	.2087880	.2400668	.4913496	.6040790	.2171735
#1	24.26015	2.469846	2.550359	23.29613	4.253893	5.016241
#2	24.41443	2.470000	2.558915	23.39740	4.206544	5.003808
#3	24.20942	2.461002	2.562263	23.16904	4.247036	5.025515

Reviewed By:kareem
On:4/11/2025 10:25:08 AM
Inst Id :P4
LB :LB135373

Sample Name: CCV03 Acquired: 4/10/2025 12:59:48 Type: Unk
Method: NON EPA-6010-200.7(v2916) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV03 Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.794317	4.751049	F 6.663249	4.756902	4.679432	4.761302
Stddev	.015881	.014540	.041293	.028392	.007682	.015056
%RSD	.3312381	.3060470	.6197179	.5968638	.1641742	.3162098
#1	4.798668	4.766822	6.632467	4.749630	4.680703	4.778339
#2	4.776715	4.738180	6.710175	4.732854	4.671193	4.749786
#3	4.807569	4.748145	6.647104	4.788223	4.686399	4.755781

Elem	Sr4077
Units	ppm
Avg	4.905086
Stddev	.039641
%RSD	.8081692
#1	4.944205
#2	4.864942
#3	4.906113

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3129.009	75958.23	15812.63	2014.528	4883.682
Stddev	6.135	114.86	65.73	5.636	11.812
%RSD	.1960640	.1512170	.4156862	.2797672	.2418685
#1	3123.947	75993.26	15755.97	2013.268	4875.635
#2	3135.831	75829.93	15884.70	2009.629	4897.243
#3	3127.247	76051.49	15797.23	2020.688	4878.170

Reviewed By:kareem
On:4/11/2025 10:25:08 AM
Inst Id :P4
LB :LB135373

Sample Name: CCB03 Acquired: 4/10/2025 13:04:00 Type: Unk
Method: NON EPA-6010-200.7(v2916) 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	.0002176	-.002742	.0002164	-.001377	.0003206	-.003526	-.008480
Stddev	.0036532	.000882	.0006303	.001625	.0014865	.003556	.000510
%RSD	1678.910	32.14287	291.2230	118.0178	463.6889	100.8643	6.009603
#1	.0015610	-.003610	.0006700	-.000198	-.000015	-.005375	-.009017
#2	.0030089	-.002769	-.000503	-.003230	.001946	-.005776	-.008003
#3	-.003917	-.001848	.000483	-.000702	-.000970	.000574	-.008418

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000876	.0000137	-.013731	-.000122	-.000062	-.000128	.0003047
Stddev	.0000161	.0000916	.002156	.000578	.000118	.000142	.0055305
%RSD	18.32895	668.3539	15.70242	475.1866	190.3424	110.6528	1814.799
#1	.0000881	-.000029	-.016201	-.000164	.000052	-.000200	.0066511
#2	.0000713	-.000049	-.012768	-.000678	-.000055	.000035	-.003484
#3	.0001034	.000119	-.012224	.000476	-.000183	-.000219	-.002253

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003251	-.007572	-.000295	.0004616	-.161017	-.001416	-.001899
Stddev	.000469	.011116	.000102	.0000595	.011554	.000539	.000294
%RSD	14.42775	146.7972	34.56648	12.88046	7.175367	38.03983	15.46940
#1	-.003194	-.010793	-.000178	.0003949	-.170806	-.001234	-.001606
#2	-.002813	.004798	-.000368	.0005092	-.148273	-.000991	-.001897
#3	-.003746	-.016722	-.000339	.0004806	-.163973	-.002021	-.002193

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.147871	-.003035	-.000047	-.000494	.0010049	.0005456	-.002258
Stddev	.020409	.000493	.000187	.000340	.0005854	.0019266	.000678
%RSD	13.80198	16.23794	399.9722	68.89447	58.24820	353.1063	30.03660
#1	-.160044	-.002654	-.000003	-.000435	.0016112	-.001532	-.001698
#2	-.124309	-.002859	.000114	-.000860	.0009606	.002272	-.002064
#3	-.159259	-.003591	-.000251	-.000187	.0004430	.000897	-.003012

Reviewed By:kareem
On:4/11/2025 10:25:08 AM
Inst Id :P4
LB :LB135373

Sample Name: CCB03 Acquired: 4/10/2025 13:04:00 Type: Unk
Method: NON EPA-6010-200.7(v2916) 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	-.000675	-.002424	-.000184
Stddev	.002502	.000505	.000015
%RSD	370.4268	20.83882	8.212679
#1	.000390	-.003003	-.000176
#2	.001117	-.002194	-.000201
#3	-.003534	-.002075	-.000174

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3234.173	78836.15	14929.78	2132.032	5343.439
Stddev	9.900	904.01	44.68	21.858	13.185
%RSD	.3061114	1.146700	.2992913	1.025225	.2467466
#1	3228.574	79879.04	14896.64	2156.752	5339.468
#2	3228.342	78353.79	14980.60	2124.080	5332.696
#3	3245.604	78275.63	14912.10	2115.262	5358.153

Reviewed By:kareem
On:4/11/2025 10:25:08 AM
Inst Id :P4
LB :LB135373

Sample Name: Q1754-03 Acquired: 4/10/2025 13:07:55 Type: Unk
Method: NON EPA-6010-200.7(v2917) 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	.0365042	-.006803	.1522668	-.028541	.0022720	132.5724
Stddev	.0026383	.001784	.0009579	.003394	.0022782	.3189
%RSD	7.227331	26.22208	.6290909	11.89163	100.2728	.2405774
#1	.0339672	-.006704	.1523399	-.025587	.0048591	132.6831
#2	.0363121	-.005070	.1531861	-.027788	.0013916	132.2129
#3	.0392332	-.008634	.1512745	-.032248	.0005654	132.8213

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6516183	.0053299	-.002726	931.6813	.1628689	.0707356
Stddev	.0036514	.0000269	.000039	10.2009	.0000598	.0005481
%RSD	.5603562	.5053762	1.431201	1.094894	.0366930	.7747941
#1	.6526080	.0053559	-.002682	933.2137	.1628560	.0713290
#2	.6475741	.0053021	-.002754	920.8009	.1628166	.0702484
#3	.6546729	.0053317	-.002743	941.0293	.1629340	.0706294

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2752183	163.2640	3.135728	55.06156	.1740218	.0062503
Stddev	.0003501	.3165	.028162	.41821	.0003596	.0002043
%RSD	.1272098	.1938580	.8980858	.7595346	.2066584	3.268799
#1	.2756166	163.3781	3.143391	55.08582	.1744340	.0063553
#2	.2749593	162.9063	3.104529	54.63174	.1738591	.0063807
#3	.2750791	163.5076	3.159266	55.46711	.1737723	.0060148

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.47139	.2664870	.3103771	39.84601	.3964513	.0023395
Stddev	.05011	.0007905	.0019846	.15641	.0009382	.0002126
%RSD	.4367859	.2966459	.6394252	.3925257	.2366510	9.087554
#1	11.44754	.2658246	.3108659	39.79050	.3960278	.0023162
#2	11.52897	.2662741	.3120716	40.02260	.3957996	.0021395
#3	11.43768	.2673621	.3081937	39.72493	.3975266	.0025628

Reviewed By:kareem
On:4/11/2025 10:25:08 AM
Inst Id :P4
LB :LB135373

Sample Name: Q1754-03 Acquired: 4/10/2025 13:07:55 Type: Unk
Method: NON EPA-6010-200.7(v2917) 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	.0020775	5.507309	8.296443	7.114095	F 11.03854	.0206568
Stddev	.0000844	.027336	.031939	.034230	.04792	.0017268
%RSD	4.064518	.4963504	.3849769	.4811570	.4340821	8.359661
#1	.0021718	5.510962	8.284701	7.122399	11.06361	.0211520
#2	.0020091	5.478331	8.332592	7.143408	11.06871	.0220820
#3	.0020516	5.532635	8.272037	7.076476	10.98329	.0187365

Elem	Sr4077
Units	ppm
Avg	5.493578
Stddev	.116150
%RSD	2.114279
#1	5.527488
#2	5.364247
#3	5.588998

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2981.110	72712.32	16149.95	1960.662	4030.367
Stddev	6.637	102.59	132.68	2.874	10.282
%RSD	.2226443	.1410908	.8215493	.1465704	.2551144
#1	2983.636	72654.74	16124.73	1957.989	4028.912
#2	2973.581	72830.77	16293.43	1963.701	4020.890
#3	2986.114	72651.46	16031.69	1960.297	4041.300

Reviewed By:kareem
On:4/11/2025 10:25:08 AM
Inst Id :P4
LB :LB135373

Sample Name: Q1754-03DUP Acquired: 4/10/2025 13:12:19 Type: Unk
Method: NON EPA-6010-200.7(v2917) 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	.0357461	-.008958	.1526581	-.024046	.0027478	132.5667
Stddev	.0037934	.001274	.0042131	.002560	.0007298	.5138
%RSD	10.61195	14.21623	2.759832	10.64812	26.55795	.3876149
#1	.0371535	-.010420	.1574683	-.027002	.0020935	132.9195
#2	.0314502	-.008086	.1496233	-.022505	.0026150	132.8035
#3	.0386347	-.008369	.1508826	-.022632	.0035347	131.9772

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6459381	.0053751	-.002631	933.1039	.1646515	.0706502
Stddev	.0026070	.0000527	.000115	13.6958	.0003835	.0001818
%RSD	.4035953	.9812449	4.384775	1.467772	.2329399	.2573336
#1	.6456453	.0053913	-.002529	923.3208	.1647480	.0708283
#2	.6486792	.0053161	-.002756	948.7562	.1642289	.0706574
#3	.6434900	.0054178	-.002610	927.2347	.1649775	.0704649

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2742597	163.8660	3.108428	55.04140	.1744928	.0063486
Stddev	.0014176	.1560	.010568	.14402	.0005816	.0003141
%RSD	.5168962	.0952264	.3399627	.2616547	.3333230	4.947201
#1	.2740417	163.7815	3.103937	54.93271	.1739027	.0067031
#2	.2757737	164.0461	3.120499	55.20475	.1750656	.0062377
#3	.2729637	163.7705	3.100847	54.98675	.1745101	.0061050

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.59738	.2658227	.3119818	39.99986	.3959690	.0020202
Stddev	.02416	.0022236	.0006591	.06001	.0009088	.0005216
%RSD	.2082990	.8364948	.2112514	.1500144	.2295129	25.81878
#1	11.61558	.2647181	.3112445	39.99437	.3964545	.0016196
#2	11.60659	.2683823	.3125136	40.06242	.3965320	.0026100
#3	11.56997	.2643677	.3121875	39.94279	.3949206	.0018310

Reviewed By:kareem
On:4/11/2025 10:25:08 AM
Inst Id :P4
LB :LB135373

Sample Name: Q1754-03DUP Acquired: 4/10/2025 13:12:19 Type: Unk
Method: NON EPA-6010-200.7(v2917) 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	.0035057	5.484546	8.514816	7.081342	F 10.97772	.0202506
Stddev	.0013604	.020863	.038040	.009981	.02329	.0017410
%RSD	38.80396	.3804047	.4467532	.1409485	.2121968	8.597168
#1	.0024712	5.484830	8.544197	7.088603	10.95381	.0217343
#2	.0029993	5.505266	8.471848	7.069961	10.97901	.0183340
#3	.0050467	5.463542	8.528403	7.085463	11.00035	.0206834

Elem	Sr4077
Units	ppm
Avg	5.507559
Stddev	.088484
%RSD	1.606586
#1	5.578796
#2	5.535369
#3	5.408511

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2961.376	71899.80	16161.90	1931.673	4024.419
Stddev	2.549	173.55	62.84	5.830	3.188
%RSD	.0860879	.2413783	.3888036	.3018318	.0792186
#1	2962.997	72075.26	16195.06	1925.667	4026.662
#2	2958.438	71728.22	16089.43	1932.043	4020.769
#3	2962.694	71895.92	16201.22	1937.310	4025.824

Reviewed By:kareem
On:4/11/2025 10:25:08 AM
Inst Id :P4
LB :LB135373

Sample Name: Q1754-03LX5 Acquired: 4/10/2025 13:16:41 Type: Unk
Method: NON EPA-6010-200.7(v2917) 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	.0038112	-.002763	.0306055	-.011650	-.002003	27.91626	.1203974
Stddev	.0016151	.000527	.0018665	.002028	.000728	.10512	.0012442
%RSD	42.37779	19.06767	6.098558	17.40358	36.35996	.3765698	1.033412
#1	.0053605	-.003157	.0320069	-.013490	-.001188	28.03570	.1218311
#2	.0021374	-.002968	.0284868	-.009476	-.002230	27.87531	.1196005
#3	.0039357	-.002165	.0313228	-.011984	-.002591	27.83778	.1197605

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0013346	-.000806	203.2928	.0355586	.0141737	.0638923	30.45526
Stddev	.0000796	.000071	.7837	.0003177	.0000915	.0000781	.14620
%RSD	5.967040	8.856277	.3855017	.8935379	.6454019	.1222783	.4800552
#1	.0012969	-.000887	204.1670	.0352587	.0140816	.0638194	30.34043
#2	.0012808	-.000753	202.6531	.0358916	.0142646	.0639748	30.61985
#3	.0014261	-.000778	203.0584	.0355254	.0141750	.0638828	30.40549

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6833721	12.03412	.0353435	.0010650	1.874172	.0571271	.0636998
Stddev	.0029675	.06958	.0001625	.0001424	.024191	.0013015	.0005246
%RSD	.4342381	.5782053	.4597677	13.37390	1.290733	2.278293	.8235827
#1	.6861240	12.10262	.0355018	.0011934	1.861497	.0586281	.0631250
#2	.6802281	11.96350	.0353515	.0009118	1.902066	.0564406	.0638215
#3	.6837642	12.03623	.0351771	.0010898	1.858953	.0563125	.0641529

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.481377	.0721915	.0004066	-.004508	1.178967	1.553171	1.355197
Stddev	.031047	.0004035	.0003017	.000317	.007460	.007803	.006992
%RSD	.4790153	.5589586	74.19556	7.026393	.6327283	.5024138	.5159454
#1	6.462577	.0726480	.0006840	-.004413	1.187581	1.555928	1.347943
#2	6.517212	.0720443	.0000854	-.004861	1.174624	1.544363	1.355754
#3	6.464342	.0718823	.0004504	-.004250	1.174697	1.559221	1.361894

Reviewed By:kareem
On:4/11/2025 10:25:08 AM
Inst Id :P4
LB :LB135373

Sample Name: Q1754-03LX5 Acquired: 4/10/2025 13:16:41 Type: Unk
Method: NON EPA-6010-200.7(v2917) 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	2.082080	-.002710	1.141462
Stddev	.004215	.001010	.014580
%RSD	.2024526	37.27686	1.277335
#1	2.077280	-.003065	1.153908
#2	2.085176	-.003495	1.125420
#3	2.083786	-.001570	1.145057

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3040.778	74654.48	13926.97	1986.081	4649.262
Stddev	6.789	440.70	59.85	9.658	10.700
%RSD	.2232700	.5903129	.4297288	.4862753	.2301435
#1	3045.899	75163.05	13893.96	1997.159	4658.138
#2	3043.359	74385.16	13996.05	1979.437	4652.266
#3	3033.077	74415.22	13890.89	1981.646	4637.381

Reviewed By:kareem
On:4/11/2025 10:25:08 AM
Inst Id :P4
LB :LB135373

Sample Name: Q1754-03A Acquired: 4/10/2025 13:29:40 Type: Unk
Method: NON EPA-6010-200.7(v2917) 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	.7604654	1.730631	1.021775	1.722692	.7461294	133.7819
Stddev	.0088386	.018328	.003926	.011819	.0050413	.7121
%RSD	1.162266	1.059062	.3842789	.6860774	.6756608	.5322708
#1	.7568982	1.712280	1.020360	1.710646	.7422118	133.1213
#2	.7539678	1.730677	1.018753	1.723158	.7443593	133.6884
#3	.7705302	1.748937	1.026213	1.734270	.7518170	134.5362

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7981671	.1638248	.1802954	929.6730	.5000912	.2549558
Stddev	.0032452	.0004687	.0017601	8.3884	.0006802	.0021778
%RSD	.4065761	.2861043	.9762405	.9022947	.1360119	.8541668
#1	.7944967	.1633649	.1790277	925.9078	.4993829	.2533570
#2	.8006561	.1638077	.1795535	923.8269	.5007393	.2540742
#3	.7993484	.1643018	.1823050	939.2843	.5001515	.2574361

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5258475	155.5728	3.261713	56.81695	.6296309	.0752627
Stddev	.0029323	.2963	.012773	.18599	.0050726	.0004991
%RSD	.5576272	.1904756	.3915956	.3273582	.8056451	.6631981
#1	.5249942	155.5867	3.248849	56.60663	.6258506	.0748033
#2	.5234366	155.8620	3.274392	56.88444	.6276464	.0751911
#3	.5291118	155.2698	3.261898	56.95978	.6353958	.0757938

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.87821	.5087497	.4890540	47.25378	.5926228	.3574507
Stddev	.04528	.0041499	.0006360	.06733	.0013004	.0012227
%RSD	.3262463	.8156988	.1300574	.1424883	.2194284	.3420678
#1	13.84044	.5039723	.4884994	47.17742	.5918999	.3571757
#2	13.86581	.5114599	.4897483	47.30462	.5918446	.3563890
#3	13.92840	.5108170	.4889143	47.27930	.5941241	.3587876

Reviewed By:kareem
On:4/11/2025 10:25:08 AM
Inst Id :P4
LB :LB135373

Sample Name: Q1754-03A Acquired: 4/10/2025 13:29:40 Type: Unk
Method: NON EPA-6010-200.7(v2917) 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	.6491773	5.602191	9.555572	F 13.01928	F 10.86209	.1979933
Stddev	.0038727	.022388	.057303	.10184	.07381	.0010198
%RSD	.5965528	.3996314	.5996806	.7822139	.6794937	.5150839
#1	.6474472	5.576722	9.497132	12.94150	10.81296	.1974672
#2	.6464713	5.611088	9.557918	12.98180	10.82635	.1991687
#3	.6536135	5.618764	9.611665	13.13455	10.94696	.1973439

Elem	Sr4077
Units	ppm
Avg	5.523581
Stddev	.072608
%RSD	1.314509
#1	5.489513
#2	5.606958
#3	5.474271

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2968.349	72181.27	15052.98	1940.100	4015.536
Stddev	12.422	25.68	36.42	7.934	24.042
%RSD	.4184935	.0355770	.2419671	.4089300	.5987144
#1	2978.656	72201.90	15090.86	1948.283	4035.441
#2	2971.834	72189.40	15049.87	1939.575	4022.342
#3	2954.556	72152.51	15018.21	1932.442	3988.825

Reviewed By:kareem
On:4/11/2025 10:25:08 AM
Inst Id :P4
LB :LB135373

Sample Name: Q1715-01DUP Acquired: 4/10/2025 13:33:56 Type: Unk
Method: NON EPA-6010-200.7(v2917) 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	-.000556	-.008979	-.000925	.0043815	-.002889	16.49535
Stddev	.001456	.001012	.000880	.0015784	.002387	.02163
%RSD	262.0591	11.27639	95.06192	36.02562	82.61202	.1311169
#1	-.001290	-.008392	-.000173	.0049076	-.004357	16.51691
#2	.001121	-.010148	-.001893	.0056296	-.004176	16.49547
#3	-.001498	-.008397	-.000710	.0026071	-.000135	16.47366

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.009467	-.000060	-.000224	10.23837	.9480934	.0102482
Stddev	.000226	.000063	.000147	.04653	.0022108	.0001009
%RSD	2.387814	104.6281	65.60223	.4544432	.2331859	.9848316
#1	-.009209	-.000037	-.000311	10.27355	.9468355	.0103035
#2	-.009631	-.000012	-.000054	10.25595	.9506461	.0101317
#3	-.009560	-.000131	-.000306	10.18562	.9467985	.0103094

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0211439	.5230362	.0119327	2.232853	.0371260	.0004421
Stddev	.0003876	.0037059	.0003124	.007037	.0003425	.0001233
%RSD	1.833099	.7085363	2.618018	.3151382	.9225378	27.89720
#1	.0215429	.5201733	.0121919	2.240882	.0369353	.0005775
#2	.0207689	.5217134	.0120203	2.229919	.0369213	.0004126
#3	.0211198	.5272220	.0115858	2.227758	.0375214	.0003362

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 1845.649	-.000450	1.244628	185.3652	5.833027	.0411036
Stddev	12.755	.001616	.006527	1.3927	.041642	.0001553
%RSD	.6910667	359.4553	.5244000	.7513134	.7138999	.3778720
#1	1856.876	-.002129	1.249912	185.3057	5.845383	.0412824
#2	1848.289	.001095	1.246642	184.0032	5.867092	.0410256
#3	1831.780	-.000315	1.237332	186.7867	5.786605	.0410027

Reviewed By:kareem
On:4/11/2025 10:25:08 AM
Inst Id :P4
LB :LB135373

Sample Name: Q1715-01DUP Acquired: 4/10/2025 13:33:56 Type: Unk
Method: NON EPA-6010-200.7(v2917) 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	.0391927	.0017970	.7682323	5.319044	F 836.2307	-.001166
Stddev	.0004737	.0003590	.0076720	.003374	2.1030	.000335
%RSD	1.208574	19.97606	.9986588	.0634248	.2514874	28.68890
#1	.0387540	.0016338	.7698012	5.317007	838.5175	-.001302
#2	.0391290	.0022086	.7598971	5.317188	834.3798	-.000785
#3	.0396950	.0015487	.7749986	5.322938	835.7947	-.001411

Elem	Sr4077
Units	ppm
Avg	.0453370
Stddev	.0002221
%RSD	.4898769
#1	.0455490
#2	.0451060
#3	.0453561

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2651.582	63643.03	13451.62	1714.613	3854.416
Stddev	7.188	101.50	99.71	10.233	7.718
%RSD	.2710955	.1594786	.7412671	.5968259	.2002442
#1	2658.234	63585.00	13373.11	1703.387	3862.701
#2	2643.956	63760.23	13417.94	1723.421	3853.118
#3	2652.557	63583.86	13563.81	1717.030	3847.429

Reviewed By:kareem
On:4/11/2025 10:25:08 AM
Inst Id :P4
LB :LB135373

Sample Name: Q1715-01LX5 Acquired: 4/10/2025 13:38:17 Type: Unk
Method: NON EPA-6010-200.7(v2917) 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	.0003485	-.003793	-.001514	-.001568	-.001452	3.325653
Stddev	.0019904	.000976	.001046	.000964	.001103	.010394
%RSD	571.1585	25.73355	69.05894	61.49269	75.98451	.3125548
#1	.0025081	-.004364	-.000787	-.000456	-.001509	3.333058
#2	-.001412	-.004349	-.001043	-.002089	-.000321	3.330131
#3	-.000050	-.002666	-.002712	-.002160	-.002525	3.313770

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.011263	-.000041	-.000170	2.118751	.1944825	.0016630
Stddev	.000666	.000043	.000066	.006203	.0003974	.0003869
%RSD	5.912923	105.9071	38.53198	.2927855	.2043324	23.26189
#1	-.011676	-.000058	-.000245	2.115321	.1947451	.0019736
#2	-.010495	.000008	-.000124	2.115019	.1940254	.0017857
#3	-.011618	-.000073	-.000141	2.125912	.1946772	.0012297

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0043826	.1102356	.0000833	.4590098	.0072149	.0005846
Stddev	.0001967	.0030422	.0002400	.0056678	.0002211	.0001590
%RSD	4.488253	2.759717	288.0652	1.234777	3.064522	27.19983
#1	.0042827	.1067994	.0003377	.4655334	.0069623	.0005213
#2	.0046092	.1113218	.0000514	.4562004	.0073089	.0007655
#3	.0042559	.1125856	-.000139	.4552955	.0073734	.0004670

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	420.1929	-.001398	.2428415	37.83285	1.196743	.0078096
Stddev	2.2153	.000945	.0004437	.07044	.002888	.0000421
%RSD	.5272171	67.61129	.1827078	.1861973	.2413066	.5395924
#1	418.5407	-.002489	.2433233	37.87872	1.193750	.0078183
#2	422.7102	-.000852	.2427516	37.75174	1.199512	.0077638
#3	419.3277	-.000852	.2424497	37.86809	1.196968	.0078467

Reviewed By:kareem
On:4/11/2025 10:25:08 AM
Inst Id :P4
LB :LB135373

Sample Name: Q1715-01LX5 Acquired: 4/10/2025 13:38:17 Type: Unk
Method: NON EPA-6010-200.7(v2917) 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	.0071603	.0016313	.1707250	.9914009	F 192.0485	.0048801
Stddev	.0005157	.0000851	.0011849	.0034099	1.3237	.0008097
%RSD	7.201845	5.217004	.6940588	.3439442	.6892391	16.59213
#1	.0071346	.0015851	.1706764	.9930494	193.3545	.0056968
#2	.0076883	.0015792	.1695651	.9936733	192.0830	.0040776
#3	.0066579	.0017295	.1719335	.9874800	190.7079	.0048659

Elem	Sr4077
Units	ppm
Avg	.0093607
Stddev	.0000567
%RSD	.6058527
#1	.0093015
#2	.0094146
#3	.0093661

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2941.862	70862.32	15842.39	1901.641	4502.864
Stddev	15.864	151.74	50.00	10.412	19.916
%RSD	.5392365	.2141351	.3155949	.5475202	.4423056
#1	2925.555	70995.91	15898.63	1912.820	4484.128
#2	2942.789	70893.72	15802.97	1892.219	4500.682
#3	2957.242	70697.34	15825.58	1899.885	4523.781

Reviewed By:kareem
On:4/11/2025 10:25:08 AM
Inst Id :P4
LB :LB135373

Sample Name: Q1745-04 Acquired: 4/10/2025 13:42:39 Type: Unk
Method: NON EPA-6010-200.7(v2917) 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	-.008113	-.007856	.3491737	.0024441	.0023363	.0184489	.3488877
Stddev	.002191	.002048	.0003568	.0017792	.0012577	.0006032	.0035717
%RSD	27.00165	26.07320	.1021707	72.79482	53.83390	3.269397	1.023741
#1	-.008604	-.006172	.3489358	.0006857	.0036015	.0191252	.3479322
#2	-.010016	-.010136	.3495839	.0042433	.0023211	.0182546	.3528400
#3	-.005718	-.007260	.3490014	.0024033	.0010862	.0179668	.3458909

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000207	.0049639	24.65675	-.000565	.0072588	3.234120	.0740941
Stddev	.0000236	.0000958	.21643	.000044	.0002479	.012305	.0026887
%RSD	114.3184	1.930421	.8777811	7.840456	3.415349	.3804874	3.628746
#1	-.000006	.0049084	24.66507	-.000609	.0069840	3.221612	.0769519
#2	.000031	.0049087	24.86891	-.000565	.0074656	3.246213	.0737160
#3	.000037	.0050745	24.43628	-.000521	.0073268	3.234535	.0716145

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7007293	1.432744	.0573981	.0004870	323.3304	-.001213	4.215091
Stddev	.0058971	.015588	.0002250	.0003410	4.7303	.001469	.009331
%RSD	.8415690	1.087995	.3920460	70.00639	1.462994	121.0446	.2213652
#1	.6990403	1.445234	.0572946	.0007173	317.9052	.000410	4.218086
#2	.7072866	1.437723	.0572433	.0006485	325.4942	-.002451	4.204631
#3	.6958609	1.415274	.0576562	.0000953	326.5919	-.001599	4.222557

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.489369	.0448351	-.000743	.0008751	.0007620	.6181892	.0029093
Stddev	.021234	.0009721	.000338	.0008852	.0001349	.0032968	.0017302
%RSD	1.425709	2.168263	45.56966	101.1546	17.70237	.5333028	59.47360
#1	1.465200	.0452531	-.000778	.0014414	.0009142	.6180879	.0016842
#2	1.497879	.0455284	-.000388	-.000145	.0007149	.6149442	.0021550
#3	1.505028	.0437239	-.001062	.001329	.0006570	.6215355	.0048886

Reviewed By:kareem
On:4/11/2025 10:25:08 AM
Inst Id :P4
LB :LB135373

Sample Name: Q1745-04 Acquired: 4/10/2025 13:42:39 Type: Unk
Method: NON EPA-6010-200.7(v2917) 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	.8978479	-.004534	.1202925
Stddev	.0067091	.000148	.0011879
%RSD	.7472401	3.257965	.9875483
#1	.8901135	-.004608	.1198088
#2	.9020976	-.004630	.1216460
#3	.9013326	-.004364	.1194228

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2973.053	72223.64	14306.26	1959.118	4584.181
Stddev	10.360	139.26	126.59	7.381	16.922
%RSD	.3484600	.1928157	.8848248	.3767259	.3691386
#1	2981.763	72213.88	14245.85	1957.335	4603.417
#2	2961.596	72367.52	14221.19	1967.226	4571.592
#3	2975.799	72089.51	14451.73	1952.792	4577.534

Reviewed By:kareem
On:4/11/2025 10:25:08 AM
Inst Id :P4
LB :LB135373

Sample Name: Q1745-12 Acquired: 4/10/2025 13:47:02 Type: Unk
Method: NON EPA-6010-200.7(v2917) 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	-.007139	-.007113	.1770749	.0025860	.0026521	-.008568	.1534269
Stddev	.003270	.001181	.0015723	.0019072	.0014447	.007171	.0010902
%RSD	45.79933	16.60093	.8879214	73.75344	54.47585	83.68890	.7105403
#1	-.009721	-.006408	.1780081	.0009315	.0009899	-.002300	.1534540
#2	-.008234	-.008476	.1779569	.0021544	.0033602	-.016387	.1545032
#3	-.003463	-.006455	.1752596	.0046720	.0036061	-.007017	.1523234

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000121	.0022175	98.29282	.0060345	.0105148	.0581473	.1533704
Stddev	.000017	.0001190	.16192	.0003555	.0002165	.0005300	.0019987
%RSD	14.24549	5.366553	.1647280	5.890801	2.058995	.9115360	1.303163
#1	-.000124	.0020841	98.11032	.0057854	.0102770	.0581401	.1540800
#2	-.000137	.0023128	98.41924	.0064416	.0107004	.0586809	.1549174
#3	-.000103	.0022555	98.34891	.0058766	.0105671	.0576209	.1511137

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.203075	3.060189	.0755974	.0001906	380.4688	-.000870	1.230968
Stddev	.004302	.033534	.0005691	.0002757	.3989	.002181	.002230
%RSD	.3576087	1.095803	.7528448	144.6488	.1048380	250.6874	.1811807
#1	1.199227	3.030836	.0759097	-.000111	380.0569	-.000862	1.229039
#2	1.207720	3.052996	.0759422	.000253	380.4964	-.003055	1.233410
#3	1.202278	3.096736	.0749405	.000430	380.8532	.001307	1.230454

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.282840	.0569115	.0002953	-.004274	-.001535	.9807150	.0033474
Stddev	.049390	.0008449	.0001764	.000671	.000452	.0079264	.0019353
%RSD	.6781722	1.484645	59.74706	15.70110	29.48085	.8082315	57.81370
#1	7.305061	.0578349	.0004340	-.005000	-.001813	.9857032	.0017908
#2	7.317216	.0561770	.0003551	-.003677	-.001013	.9848667	.0027372
#3	7.226243	.0567226	.0000967	-.004145	-.001778	.9715751	.0055142

Reviewed By:kareem
On:4/11/2025 10:25:08 AM
Inst Id :P4
LB :LB135373

Sample Name: Q1745-12 Acquired: 4/10/2025 13:47:02 Type: Unk
Method: NON EPA-6010-200.7(v2917) 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	8.407517	.0268069	.3557818
Stddev	.021464	.0011680	.0006439
%RSD	.2552929	4.357176	.1809804
#1	8.426101	.0281531	.3563051
#2	8.412426	.0260615	.3559775
#3	8.384024	.0262063	.3550628

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2928.747	72308.85	14553.37	1950.440	4452.487
Stddev	6.150	32.10	34.04	7.980	10.499
%RSD	.2099891	.0443910	.2338798	.4091247	.2357947
#1	2924.604	72343.25	14561.29	1946.141	4446.200
#2	2925.824	72303.58	14582.75	1945.531	4446.654
#3	2935.814	72279.71	14516.07	1959.647	4464.607

Reviewed By:kareem
On:4/11/2025 10:25:08 AM
Inst Id :P4
LB :LB135373

Sample Name: CCV04 Acquired: 4/10/2025 13:51:25 Type: Unk
Method: NON EPA-6010-200.7(v2917) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV04 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.875554	4.979611	4.762253	4.959153	5.043739	9.988176
Stddev	.021413	.031229	.010380	.013895	.008710	.015243
%RSD	.4391835	.6271396	.2179662	.2801878	.1726850	.1526073
#1	4.882252	4.944104	4.755172	4.954726	5.038977	9.998552
#2	4.851593	4.991912	4.757418	4.948011	5.038450	9.970676
#3	4.892816	5.002815	4.774168	4.974722	5.053792	9.995301

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.603583	.2389479	2.377172	24.16086	1.024853	2.488995
Stddev	.031214	.0008488	.006474	.09195	.003535	.006088
%RSD	.3250219	.3552440	.2723601	.3805863	.3449733	.2445829
#1	9.581681	.2393370	2.375409	24.25398	1.021163	2.490728
#2	9.589745	.2379742	2.371761	24.07012	1.025185	2.482229
#3	9.639324	.2395324	2.384345	24.15847	1.028210	2.494029

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.290233	4.982074	2.377575	24.41826	2.504217	1.274795
Stddev	.003713	.020752	.012668	.07881	.006491	.002321
%RSD	.2878074	.4165306	.5328214	.3227299	.2591953	.1820583
#1	1.292210	4.961969	2.390148	24.39995	2.503511	1.272463
#2	1.285949	5.003417	2.364813	24.35021	2.498108	1.277105
#3	1.292539	4.980837	2.377762	24.50460	2.511032	1.274818

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	26.42188	2.452780	2.567442	25.35928	4.792520	5.030539
Stddev	.12313	.010518	.006251	.06483	.029760	.013853
%RSD	.4660248	.4288042	.2434542	.2556389	.6209654	.2753697
#1	26.35951	2.459517	2.571466	25.33035	4.811325	5.030369
#2	26.56372	2.440660	2.570619	25.43354	4.758209	5.016773
#3	26.34242	2.458162	2.560241	25.31396	4.808026	5.044476

Reviewed By:kareem
On:4/11/2025 10:25:08 AM
Inst Id :P4
LB :LB135373

Sample Name: CCV04 Acquired: 4/10/2025 13:51:25 Type: Unk
Method: NON EPA-6010-200.7(v2917) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV04 Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.846730	4.681728	F 5.983082	4.915531	4.742605	4.677474
Stddev	.014895	.009377	.048700	.006597	.018935	.012185
%RSD	.3073239	.2002829	.8139626	.1342095	.3992508	.2605005
#1	4.839076	4.692480	5.929066	4.914587	4.730197	4.688623
#2	4.837218	4.675247	5.996545	4.909457	4.733220	4.679333
#3	4.863896	4.677457	6.023634	4.922549	4.764400	4.664467

Elem	Sr4077
Units	ppm
Avg	4.698606
Stddev	.018104
%RSD	.3853030
#1	4.712891
#2	4.704681
#3	4.678246

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3135.616	75100.96	13895.98	2021.083	4873.627
Stddev	8.532	155.83	68.17	4.989	10.666
%RSD	.2721042	.2074888	.4905717	.2468357	.2188596
#1	3129.462	75264.61	13854.35	2015.507	4867.838
#2	3145.356	75083.89	13974.65	2022.620	4885.936
#3	3132.030	74954.37	13858.94	2025.122	4867.106

Reviewed By:kareem
On:4/11/2025 10:25:08 AM
Inst Id :P4
LB :LB135373

Sample Name: CCB04 Acquired: 4/10/2025 13:55:35 Type: Unk
Method: NON EPA-6010-200.7(v2917) 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	.0022062	-.001282	-.000145	-.002847	.0000276	-.004866	-.008262
Stddev	.0005662	.000758	.000332	.000136	.0020444	.003110	.000550
%RSD	25.66338	59.11046	228.8995	4.764205	7418.810	63.91271	6.651056
#1	.0015524	-.000487	-.000006	-.002830	.0023514	-.001488	-.008829
#2	.0025324	-.001996	.000095	-.002720	-.000775	-.005500	-.007732
#3	.0025338	-.001362	-.000524	-.002990	-.001494	-.007610	-.008227

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000468	.0000105	-.017397	.0000700	-.000002	.0000692	-.006876
Stddev	.0000233	.0000607	.005989	.0001029	.000200	.0000890	.004667
%RSD	49.79965	579.2829	34.42307	147.0358	8033.362	128.6063	67.87367
#1	.0000614	.0000805	-.011240	-.000047	.000181	.0000148	-.008169
#2	.0000199	-.000028	-.023201	.000112	.000027	.0000209	-.010760
#3	.0000591	-.000021	-.017750	.000145	-.000216	.0001720	-.001699

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003636	-.016177	-.000288	.0007468	.0030245	-.001646	-.002024
Stddev	.000120	.012332	.000025	.0002937	.0021971	.001257	.000058
%RSD	3.291854	76.23175	8.840193	39.32008	72.64303	76.37534	2.851549
#1	-.003541	-.026898	-.000259	.0009367	.0045106	-.000257	-.001972
#2	-.003598	-.018931	-.000308	.0004086	.0005008	-.002705	-.002086
#3	-.003770	-.002700	-.000297	.0008951	.0040622	-.001976	-.002014

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.093940	-.001696	.0002482	-.000681	.0018172	.0074351	-.001894
Stddev	.028683	.000407	.0000569	.000426	.0003185	.0087410	.002712
%RSD	30.53270	23.99789	22.91438	62.64281	17.52543	117.5649	143.2114
#1	-.126844	-.002119	.0001865	-.000444	.0015597	.0173462	-.003285
#2	-.074219	-.001663	.0002596	-.000425	.0021734	.0041326	.001232
#3	-.080758	-.001307	.0002985	-.001173	.0017186	.0008264	-.003628

Reviewed By:kareem
On:4/11/2025 10:25:08 AM
Inst Id :P4
LB :LB135373

Sample Name: CCB04 Acquired: 4/10/2025 13:55:35 Type: Unk
Method: NON EPA-6010-200.7(v2917) 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	.0044712	-.001779	-.000222
Stddev	.0029106	.000429	.000048
%RSD	65.09599	24.14204	21.44138
#1	.0074486	-.002045	-.000197
#2	.0043327	-.001283	-.000278
#3	.0016324	-.002007	-.000193

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3237.444	77585.93	15167.90	2084.352	5421.033
Stddev	2.556	264.39	38.30	13.112	7.747
%RSD	.0789385	.3407740	.2524865	.6290674	.1429064
#1	3235.749	77353.56	15124.38	2083.858	5417.795
#2	3240.383	77873.59	15196.46	2097.703	5429.874
#3	3236.199	77530.63	15182.87	2071.493	5415.431

Reviewed By:kareem
On:4/11/2025 10:25:08 AM
Inst Id :P4
LB :LB135373

Sample Name: Q1715-01MS Acquired: 4/10/2025 13:59:55 Type: Unk
Method: NON EPA-6010-200.7(v2917) 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	.7364156	1.532758	.7835984	1.931032	.5618590	17.74489
Stddev	.0040801	.014362	.0025428	.006108	.0041439	.01393
%RSD	.5540423	.9369950	.3245073	.3163181	.7375267	.0784954
#1	.7372461	1.549040	.7808507	1.931383	.5628436	17.74933
#2	.7319841	1.521892	.7858687	1.924756	.5573115	17.72929
#3	.7400165	1.527340	.7840758	1.936957	.5654219	17.75606

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1456819	.1415568	.1709481	10.78888	1.238268	.1809785
Stddev	.0013062	.0002919	.0001621	.03928	.005590	.0010721
%RSD	.8966028	.2062308	.0948275	.3641206	.4514402	.5923816
#1	.1446298	.1417827	.1708421	10.74414	1.242811	.1803980
#2	.1452721	.1416606	.1708675	10.81773	1.239969	.1803218
#3	.1471439	.1412272	.1711347	10.80478	1.232025	.1822156

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2596378	3.345660	.1715771	3.646682	.4629158	.0703737
Stddev	.0023724	.032374	.0007250	.033125	.0007766	.0006234
%RSD	.9137281	.9676386	.4225327	.9083490	.1677565	.8858332
#1	.2589863	3.308625	.1708322	3.609277	.4634547	.0700701
#2	.2576592	3.359776	.1716186	3.658463	.4620257	.0710907
#3	.2622679	3.368579	.1722804	3.672305	.4632670	.0699603

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 1896.988	.2403410	1.368096	200.5823	5.490068	.3081928
Stddev	9.041	.0023107	.008677	.7434	.006961	.0016007
%RSD	.4765953	.9614423	.6342617	.3706427	.1267932	.5193710
#1	1886.563	.2407060	1.358258	199.8521	5.495454	.3080761
#2	1902.670	.2424474	1.371368	200.5565	5.482207	.3066537
#3	1901.732	.2378694	1.374661	201.3383	5.492541	.3098487

Reviewed By:kareem
On:4/11/2025 10:25:08 AM
Inst Id :P4
LB :LB135373

Sample Name: Q1715-01MS Acquired: 4/10/2025 13:59:55 Type: Unk
Method: NON EPA-6010-200.7(v2917) 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	.4839587	.1214783	1.394477	F 10.75191	F 817.7367	.1808592
Stddev	.0007663	.0004799	.007993	.04789	2.0956	.0009515
%RSD	.1583459	.3950360	.5731573	.4454290	.2562712	.5261123
#1	.4848322	.1218789	1.385291	10.77075	819.4724	.1807332
#2	.4833993	.1209465	1.398291	10.69746	815.4087	.1799769
#3	.4836447	.1216096	1.399848	10.78752	818.3290	.1818674

Elem	Sr4077
Units	ppm
Avg	.2064297
Stddev	.0008341
%RSD	.4040491
#1	.2057627
#2	.2061616
#3	.2073649

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2674.416	65014.18	14301.12	1720.102	3873.812
Stddev	12.822	85.72	44.78	7.993	10.226
%RSD	.4794317	.1318443	.3131527	.4646882	.2639753
#1	2667.981	64916.93	14254.64	1729.133	3868.881
#2	2689.181	65046.86	14304.72	1717.235	3885.569
#3	2666.086	65078.76	14343.99	1713.938	3866.985

Reviewed By:kareem
On:4/11/2025 10:25:08 AM
Inst Id :P4
LB :LB135373

Sample Name: Q1715-01MSD Acquired: 4/10/2025 14:07:00 Type: Unk
Method: NON EPA-6010-200.7(v2917) 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	.7265332	1.512685	.7846566	1.904253	.5515046	17.63978
Stddev	.0061081	.016386	.0044277	.003255	.0025573	.02619
%RSD	.8407218	1.083224	.5642845	.1709121	.4636884	.1484777
#1	.7209149	1.503338	.7828572	1.902414	.5499347	17.65516
#2	.7330349	1.503111	.7814120	1.902334	.5501237	17.60954
#3	.7256497	1.531605	.7897008	1.908011	.5544555	17.65463

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1479587	.1461069	.1706990	10.81071	1.239303	.1808120
Stddev	.0015439	.0005859	.0009793	.04654	.003526	.0007001
%RSD	1.043440	.4010153	.5737175	.4305022	.2844907	.3871855
#1	.1463888	.1454305	.1699833	10.76496	1.237153	.1801456
#2	.1480121	.1464571	.1702986	10.80915	1.243372	.1807489
#3	.1494752	.1464331	.1718150	10.85800	1.237385	.1815415

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2589951	3.335575	.1716173	3.658208	.4621891	.0704360
Stddev	.0014052	.004379	.0005559	.019359	.0019314	.0002692
%RSD	.5425618	.1312916	.3239261	.5291831	.4178807	.3821521
#1	.2584575	3.340021	.1720853	3.652233	.4605051	.0706496
#2	.2579380	3.331266	.1710028	3.679849	.4617648	.0705246
#3	.2605897	3.335438	.1717637	3.642540	.4642973	.0701337

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 1863.082	.2422608	1.365320	197.7329	5.633063	.3064643
Stddev	2.998	.0010917	.009597	.1474	.024008	.0011363
%RSD	.1609148	.4506423	.7029081	.0745648	.4261932	.3707684
#1	1863.608	.2421440	1.359647	197.6806	5.616272	.3054364
#2	1859.855	.2434063	1.376401	197.6188	5.660562	.3062720
#3	1865.782	.2412322	1.359914	197.8994	5.622356	.3076844

Reviewed By:kareem
On:4/11/2025 10:25:08 AM
Inst Id :P4
LB :LB135373

Sample Name: Q1715-01MSD Acquired: 4/10/2025 14:07:00 Type: Unk
Method: NON EPA-6010-200.7(v2917) 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	.4815134	.1216073	1.356323	F 10.84543	F 819.2797	.1801431
Stddev	.0016710	.0006348	.007604	.06321	3.8290	.0008685
%RSD	.3470368	.5219944	.5606171	.5827888	.4673609	.4821006
#1	.4812093	.1218891	1.348547	10.79932	816.9023	.1801223
#2	.4800152	.1208804	1.356679	10.81950	817.2401	.1792852
#3	.4833155	.1220524	1.363742	10.91748	823.6968	.1810217

Elem	Sr4077
Units	ppm
Avg	.2065215
Stddev	.0003869
%RSD	.1873376
#1	.2062912
#2	.2063051
#3	.2069682

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2698.868	65216.10	14135.89	1769.199	3899.140
Stddev	1.813	101.28	12.15	4.535	7.004
%RSD	.0671604	.1553024	.0859285	.2563358	.1796277
#1	2700.919	65124.40	14142.84	1769.581	3904.596
#2	2698.203	65199.08	14121.86	1764.485	3901.581
#3	2697.481	65324.81	14142.96	1773.531	3891.242

Reviewed By:kareem
On:4/11/2025 10:25:08 AM
Inst Id :P4
LB :LB135373

Sample Name: Q1715-01A Acquired: 4/10/2025 14:11:12 Type: Unk
Method: NON EPA-6010-200.7(v2917) 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	.8319907	1.724011	.8855440	2.186949	.8404016	18.03968
Stddev	.0008569	.014206	.0024870	.010607	.0056058	.02076
%RSD	.1029924	.8240023	.2808410	.4850196	.6670371	.1150749
#1	.8312182	1.722177	.8838987	2.182641	.8371172	18.02092
#2	.8318414	1.739045	.8884050	2.179174	.8372133	18.03613
#3	.8329124	1.710812	.8843283	2.199033	.8468744	18.06198

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1684366	.1631876	.1924087	11.01701	1.293263	.2022425
Stddev	.0012001	.0009302	.0006090	.05051	.006024	.0004791
%RSD	.7125158	.5700259	.3164881	.4584494	.4657769	.2368917
#1	.1673230	.1623692	.1918693	10.95914	1.293263	.2017846
#2	.1682790	.1629943	.1930690	11.05216	1.287239	.2027403
#3	.1697077	.1641992	.1922876	11.03975	1.299286	.2022026

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2925142	3.753137	.2078694	3.896149	.5174754	.0667696
Stddev	.0008536	.013241	.0012679	.026389	.0021003	.0010513
%RSD	.2918073	.3528055	.6099379	.6773102	.4058730	1.574454
#1	.2931453	3.741011	.2065065	3.884513	.5150634	.0674203
#2	.2915430	3.751136	.2080879	3.877577	.5184623	.0673317
#3	.2928543	3.767265	.2090138	3.926356	.5189004	.0655568

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 1894.418	.2722241	1.410249	202.4805	5.664449	.4416959
Stddev	11.360	.0024406	.002802	.6020	.024955	.0006554
%RSD	.5996718	.8965353	.1987125	.2973329	.4405484	.1483813
#1	1905.617	.2699614	1.407455	203.0874	5.635674	.4421426
#2	1882.903	.2719006	1.413060	201.8835	5.677507	.4409435
#3	1894.734	.2748103	1.410232	202.4706	5.680165	.4420015

Reviewed By:kareem
On:4/11/2025 10:25:08 AM
Inst Id :P4
LB :LB135373

Sample Name: Q1715-01A Acquired: 4/10/2025 14:11:12 Type: Unk
Method: NON EPA-6010-200.7(v2917) 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	.7126780	.1824752	1.796801	F 11.66698	F 825.7018	.2027063
Stddev	.0042134	.0009159	.011276	.04201	3.1234	.0007914
%RSD	.5912045	.5019071	.6275627	.3601096	.3782732	.3904238
#1	.7078361	.1831271	1.784406	11.62329	824.2216	.2033346
#2	.7155109	.1814281	1.799546	11.70709	829.2901	.2018174
#3	.7146869	.1828704	1.806451	11.67058	823.5937	.2029668

Elem	Sr4077
Units	ppm
Avg	.2285868
Stddev	.0006371
%RSD	.2786893
#1	.2284385
#2	.2280370
#3	.2292849

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2667.284	64892.69	14237.21	1744.002	3875.426
Stddev	8.038	51.26	41.04	3.477	4.229
%RSD	.3013367	.0789843	.2882334	.1993458	.1091132
#1	2670.126	64837.00	14284.02	1744.079	3880.255
#2	2673.514	64903.18	14220.21	1740.488	3873.631
#3	2658.211	64937.89	14207.42	1747.440	3872.390

Reviewed By:kareem
On:4/11/2025 10:25:08 AM
Inst Id :P4
LB :LB135373

Sample Name: Q1744-01 Acquired: 4/10/2025 14:15:22 Type: Unk
Method: NON EPA-6010-200.7(v2917) 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	.0271334	.0040979	.2601242	-.015217	-.000353	81.80127	.5744161
Stddev	.0010628	.0020597	.0017617	.001139	.000870	.09486	.0017932
%RSD	3.916791	50.26273	.6772672	7.484554	246.6564	.1159628	.3121850
#1	.0260018	.0038292	.2590299	-.013966	-.000050	81.72084	.5723577
#2	.0281104	.0021857	.2591861	-.015490	.000326	81.90588	.5756401
#3	.0272879	.0062788	.2621564	-.016194	-.001333	81.77708	.5752505

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0060466	-.004868	18.65998	.1504957	.0710951	.2243769	172.1056
Stddev	.0000523	.000131	.05008	.0011937	.0001128	.0014092	.2509
%RSD	.8649724	2.696132	.2683962	.7931791	.1586394	.6280432	.1457898
#1	.0060718	-.004873	18.62174	.1516811	.0711641	.2259408	172.2035
#2	.0060816	-.004734	18.71667	.1492938	.0711563	.2232057	171.8206
#3	.0059865	-.004996	18.64152	.1505121	.0709650	.2239842	172.2929

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.625795	21.74983	.1363385	.0058341	1.302000	.2080318	.3546357
Stddev	.015351	.06258	.0004173	.0003235	.009899	.0024615	.0006834
%RSD	.3318602	.2877389	.3060913	5.545418	.7603296	1.183232	.1927063
#1	4.608185	21.67771	.1361650	.0054764	1.309600	.2070244	.3542910
#2	4.632842	21.78186	.1360359	.0061063	1.305595	.2108372	.3554228
#3	4.636357	21.78991	.1368146	.0059195	1.290805	.2062338	.3541933

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.370534	.2733494	.0014967	.0125433	2.098264	2.096997	3.834890
Stddev	.045955	.0001518	.0000749	.0016462	.003294	.004481	.024547
%RSD	.5490074	.0555465	5.006960	13.12373	.1569998	.2136672	.6401095
#1	8.320615	.2732379	.0015247	.0127976	2.094998	2.092473	3.855222
#2	8.379907	.2735224	.0014118	.0140475	2.098208	2.097086	3.841827
#3	8.411079	.2732880	.0015536	.0107848	2.101586	2.101432	3.807620

Reviewed By:kareem
On:4/11/2025 10:25:08 AM
Inst Id :P4
LB :LB135373

Sample Name: Q1744-01 Acquired: 4/10/2025 14:15:22 Type: Unk
Method: NON EPA-6010-200.7(v2917) 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	.2917548	.1728816	.1527477
Stddev	.0046255	.0008172	.0002165
%RSD	1.585417	.4726934	.1417585
#1	.2963334	.1729583	.1527667
#2	.2918474	.1736578	.1525223
#3	.2870837	.1720288	.1529541

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3374.876	82901.61	16901.18	2179.710	4877.649
Stddev	3.533	308.04	67.21	13.200	4.326
%RSD	.1046707	.3715704	.3976786	.6056045	.0886888
#1	3377.367	82968.44	16963.22	2192.015	4876.681
#2	3370.833	83170.75	16910.55	2181.347	4873.889
#3	3376.429	82565.65	16829.78	2165.767	4882.377

Reviewed By:kareem
On:4/11/2025 10:25:08 AM
Inst Id :P4
LB :LB135373

Sample Name: Q1744-03 Acquired: 4/10/2025 14:19:30 Type: Unk
Method: NON EPA-6010-200.7(v2917) 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	.1053777	.0064367	3.423277	-.020905	-.004608	128.3374
Stddev	.0010381	.0024042	.010420	.005025	.000645	.3129
%RSD	.9851636	37.35203	.3043721	24.03739	14.00617	.2438167
#1	.1048290	.0046075	3.425931	-.026546	-.005352	128.0469
#2	.1047291	.0091598	3.432114	-.016907	-.004192	128.6687
#3	.1065751	.0055427	3.411788	-.019264	-.004281	128.2965

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3483010	.0054501	-.002631	16.98772	.3006450	.0598964
Stddev	.0013416	.0001184	.000349	.05512	.0002897	.0002120
%RSD	.3851843	2.172655	13.28149	.3244404	.0963480	.3539198
#1	.3478738	.0054652	-.002292	16.96849	.3004742	.0597230
#2	.3498042	.0055603	-.002611	17.04988	.3004813	.0598334
#3	.3472250	.0053249	-.002990	16.94480	.3009794	.0601327

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1971279	244.6933	1.446026	33.72087	.1695680	.0083775
Stddev	.0001960	.8926	.007065	.20834	.0007784	.0001893
%RSD	.0994422	.3648006	.4885802	.6178258	.4590356	2.259529
#1	.1971422	244.6404	1.446029	33.62035	.1703053	.0082474
#2	.1973164	243.8283	1.453089	33.96041	.1696445	.0082904
#3	.1969251	245.6112	1.438959	33.58186	.1687542	.0085947

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.581675	.3745336	.5575617	18.87099	.4066850	.0264127
Stddev	.044592	.0008675	.0014691	.11397	.0037115	.0002086
%RSD	.7989068	.2316143	.2634935	.6039461	.9126145	.7898596
#1	5.558925	.3755155	.5559675	18.90306	.4085923	.0266434
#2	5.553047	.3738712	.5588610	18.74443	.4024077	.0262374
#3	5.633054	.3742141	.5578566	18.96550	.4090549	.0263572

Reviewed By:kareem
On:4/11/2025 10:25:08 AM
Inst Id :P4
LB :LB135373

Sample Name: Q1744-03 Acquired: 4/10/2025 14:19:30 Type: Unk
Method: NON EPA-6010-200.7(v2917) 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	.0115365	2.215363	7.311636	8.952090	F 19.36076	.3210459
Stddev	.0014604	.001618	.063597	.027301	.00515	.0005659
%RSD	12.65896	.0730537	.8698042	.3049711	.0265985	.1762810
#1	.0120311	2.216210	7.246940	8.978104	19.35643	.3215778
#2	.0098930	2.216382	7.313895	8.954505	19.36645	.3204512
#3	.0126853	2.213497	7.374074	8.923662	19.35941	.3211086

Elem	Sr4077
Units	ppm
Avg	.1237423
Stddev	.0000632
%RSD	.0510393
#1	.1237949
#2	.1237598
#3	.1236723

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3466.299	87519.23	18028.52	2268.246	4680.330
Stddev	4.236	120.90	115.60	6.360	4.076
%RSD	.1222179	.1381373	.6412062	.2804082	.0870848
#1	3462.573	87624.79	18034.90	2272.245	4675.850
#2	3470.907	87545.55	17909.86	2260.912	4681.322
#3	3465.417	87387.34	18140.80	2271.582	4683.819

Reviewed By:kareem
On:4/11/2025 10:25:08 AM
Inst Id :P4
LB :LB135373

Sample Name: Q1754-03MS Acquired: 4/10/2025 14:23:35 Type: Unk
Method: NON EPA-6010-200.7(v2917) 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	.7919265	1.755248	1.054449	1.805413	.7816330	135.9390
Stddev	.0075132	.011389	.001531	.004724	.0067177	.1116
%RSD	.9487236	.6488714	.1451557	.2616713	.8594507	.0821273
#1	.7866609	1.766716	1.054911	1.810356	.7883000	135.9581
#2	.8005303	1.755089	1.052741	1.804939	.7748656	136.0398
#3	.7885882	1.743939	1.055696	1.800943	.7817335	135.8190

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7964195	.1742050	.1875120	922.4096	.5071643	.2612439
Stddev	.0030029	.0009075	.0001549	2.8710	.0019577	.0005950
%RSD	.3770496	.5209227	.0825793	.3112492	.3860033	.2277432
#1	.7976145	.1731827	.1876119	920.0586	.5076416	.2611020
#2	.7986409	.1749153	.1875904	925.6093	.5050121	.2607326
#3	.7930031	.1745170	.1873336	921.5610	.5088391	.2618969

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5439062	149.7880	3.271229	57.22177	.6473487	.0762766
Stddev	.0028204	.5244	.011243	.13069	.0005973	.0001802
%RSD	.5185530	.3501241	.3436922	.2283838	.0922760	.2362950
#1	.5443184	150.3773	3.268856	57.09613	.6478754	.0761375
#2	.5409023	149.6143	3.283469	57.35697	.6466997	.0762121
#3	.5464979	149.3725	3.261362	57.21220	.6474712	.0764802

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.68636	.5138300	.4979097	45.44638	.6034987	.3695056
Stddev	.08640	.0029636	.0012901	.27221	.0016480	.0014441
%RSD	.6312810	.5767583	.2591087	.5989734	.2730695	.3908063
#1	13.78432	.5159902	.4993993	45.76044	.6035857	.3710701
#2	13.62100	.5150482	.4971814	45.30029	.6051014	.3682237
#3	13.65376	.5104515	.4971485	45.27840	.6018089	.3692231

Reviewed By:kareem
On:4/11/2025 10:25:08 AM
Inst Id :P4
LB :LB135373

Sample Name: Q1754-03MS Acquired: 4/10/2025 14:23:35 Type: Unk
Method: NON EPA-6010-200.7(v2917) 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	.6710360	5.684919	F 11.54231	F 13.35964	F 11.07757	.2067269
Stddev	.0008973	.018111	.02642	.03295	.02208	.0022444
%RSD	.1337174	.3185742	.2288738	.2466571	.1993123	1.085698
#1	.6712348	5.678254	11.52389	13.36228	11.09708	.2091954
#2	.6700560	5.705417	11.53045	13.39120	11.05360	.2061765
#3	.6718173	5.671084	11.57257	13.32545	11.08203	.2048089

Elem	Sr4077
Units	ppm
Avg	5.493076
Stddev	.049732
%RSD	.9053666
#1	5.437549
#2	5.508155
#3	5.533524

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2912.559	72383.35	14425.67	1928.247	3955.043
Stddev	6.050	177.53	47.73	10.332	3.978
%RSD	.2077329	.2452580	.3308692	.5358087	.1005770
#1	2906.305	72207.61	14475.72	1917.134	3950.539
#2	2918.383	72562.61	14380.66	1937.561	3958.078
#3	2912.989	72379.82	14420.63	1930.048	3956.511

Reviewed By:kareem
On:4/11/2025 10:25:08 AM
Inst Id :P4
LB :LB135373

Sample Name: Q1754-03MSD Acquired: 4/10/2025 14:27:52 Type: Unk
Method: NON EPA-6010-200.7(v2917) 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	.7603788	1.685047	1.022950	1.729238	.7491720	135.3550
Stddev	.0028904	.008908	.002047	.005677	.0013545	.3616
%RSD	.3801241	.5286597	.2001001	.3282951	.1808040	.2671130
#1	.7619324	1.681642	1.021009	1.733692	.7497961	135.7193
#2	.7570439	1.678344	1.025089	1.722845	.7501020	135.3494
#3	.7621602	1.695156	1.022752	1.731176	.7476179	134.9963

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7844074	.1798100	.1821784	917.5670	.4965168	.2545772
Stddev	.0008062	.0010304	.0004857	3.6301	.0016229	.0003687
%RSD	.1027834	.5730451	.2666172	.3956255	.3268561	.1448391
#1	.7839365	.1799444	.1826099	921.1364	.4953888	.2549639
#2	.7853384	.1787190	.1816524	913.8790	.4957849	.2545382
#3	.7839474	.1807666	.1822728	917.6857	.4983768	.2542295

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5341040	143.8213	3.287477	57.19928	.6304843	.0731627
Stddev	.0013324	.7933	.007803	.12795	.0012526	.0003851
%RSD	.2494576	.5515729	.2373705	.2236929	.1986691	.5263576
#1	.5341480	142.9053	3.288390	57.30824	.6314700	.0730446
#2	.5327502	144.2740	3.279257	57.05839	.6290748	.0728505
#3	.5354138	144.2846	3.294783	57.23121	.6309082	.0735930

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.86139	.5090807	.4905218	42.95856	.5968374	.3557036
Stddev	.08297	.0009041	.0024812	.22395	.0012306	.0014728
%RSD	.6451097	.1775968	.5058369	.5213201	.2061902	.4140554
#1	12.77035	.5088271	.4877641	42.70100	.5963718	.3565153
#2	12.93275	.5100846	.4925738	43.10735	.5959075	.3540035
#3	12.88107	.5083306	.4912274	43.06734	.5982329	.3565920

Reviewed By:kareem
On:4/11/2025 10:25:08 AM
Inst Id :P4
LB :LB135373

Sample Name: Q1754-03MSD Acquired: 4/10/2025 14:27:52 Type: Unk
Method: NON EPA-6010-200.7(v2917) 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	.6465076	5.606324	8.651139	F 13.05741	F 10.94893	.1998374
Stddev	.0031173	.008285	.013710	.02598	.02562	.0006723
%RSD	.4821805	.1477714	.1584719	.1989831	.2339561	.3364443
#1	.6483478	5.615790	8.645290	13.06891	10.93446	.1990802
#2	.6429083	5.602784	8.666803	13.02766	10.93382	.2000673
#3	.6482667	5.600397	8.641324	13.07566	10.97850	.2003646

Elem	Sr4077
Units	ppm
Avg	5.466000
Stddev	.048051
%RSD	.8790854
#1	5.521482
#2	5.438681
#3	5.437837

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2940.993	72185.20	13696.64	1939.541	3990.330
Stddev	4.157	182.79	47.54	4.866	4.057
%RSD	.1413613	.2532178	.3471085	.2508913	.1016763
#1	2941.061	72391.92	13649.04	1937.167	3990.755
#2	2945.115	72044.96	13744.13	1936.318	3994.158
#3	2936.801	72118.72	13696.74	1945.139	3986.077

Reviewed By:kareem
On:4/11/2025 10:25:08 AM
Inst Id :P4
LB :LB135373

Sample Name: Q1745-09DUP Acquired: 4/10/2025 14:32:08 Type: Unk
Method: NON EPA-6010-200.7(v2917) 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	.5211898	.0115832	10.26612	-.016619	-.001094	84.24187
Stddev	.0035584	.0030965	.02609	.001342	.002620	.18081
%RSD	.6827525	26.73252	.2541191	8.078165	239.5489	.2146323
#1	.5178259	.0087735	10.29228	-.016457	.001422	84.04549
#2	.5208282	.0149031	10.26597	-.015364	-.000896	84.40145
#3	.5249152	.0110729	10.24010	-.018035	-.003808	84.27867

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.853899	.0076045	.0017212	147.2299	.2419181	.0913980
Stddev	.082038	.0001107	.0003909	.8219	.0008064	.0000968
%RSD	1.401431	1.455489	22.71044	.5582422	.3333283	.1058734
#1	5.828862	.0076355	.0021636	147.4826	.2413627	.0913513
#2	5.945539	.0076964	.0014225	147.8958	.2428430	.0915093
#3	5.787296	.0074816	.0015775	146.3113	.2415485	.0913335

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.202751	274.0681	2.927999	15.45026	.3856676	.0439089
Stddev	.003714	.5156	.017334	.09944	.0010259	.0003096
%RSD	.1159682	.1881213	.5920006	.6436178	.2660067	.7050491
#1	3.205943	273.4792	2.936170	15.48797	.3859294	.0440367
#2	3.198674	274.2869	2.939737	15.52533	.3865373	.0435559
#3	3.203635	274.4381	2.908090	15.33748	.3845362	.0441341

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.63147	.3173981	4.344424	18.15698	.4910787	.0371350
Stddev	.12855	.0006179	.007988	.10607	.0011830	.0001584
%RSD	.7729126	.1946874	.1838642	.5842073	.2408897	.4265864
#1	16.54783	.3174854	4.335322	18.08105	.4910158	.0372812
#2	16.56709	.3179677	4.350268	18.11171	.4922918	.0369667
#3	16.77949	.3167411	4.347683	18.27818	.4899284	.0371569

Reviewed By:kareem
On:4/11/2025 10:25:08 AM
Inst Id :P4
LB :LB135373

Sample Name: Q1745-09DUP Acquired: 4/10/2025 14:32:08 Type: Unk
Method: NON EPA-6010-200.7(v2917) 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	1.926208	1.437877	5.316722	F 11.43240	F 17.13938	.3720130
Stddev	.004946	.004782	.038655	.01789	.02696	.0015082
%RSD	.2567556	.3325439	.7270524	.1564743	.1572923	.4054116
#1	1.929234	1.437963	5.276428	11.42003	17.16632	.3703602
#2	1.928889	1.442614	5.320239	11.45291	17.13942	.3733146
#3	1.920501	1.433052	5.353499	11.42426	17.11240	.3723641

Elem	Sr4077
Units	ppm
Avg	.9850665
Stddev	.0156591
%RSD	1.589649
#1	.9944452
#2	.9937650
#3	.9669891

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3299.758	81066.71	16575.76	2141.777	4622.769
Stddev	10.065	262.90	123.71	8.023	5.463
%RSD	.3050255	.3242993	.7463363	.3745892	.1181723
#1	3303.208	81368.70	16569.48	2150.728	4617.502
#2	3307.644	80888.91	16455.31	2139.372	4628.409
#3	3288.421	80942.52	16702.49	2135.232	4622.397

Reviewed By:kareem
On:4/11/2025 10:25:08 AM
Inst Id :P4
LB :LB135373

Sample Name: Q1745-09LX5 Acquired: 4/10/2025 14:36:27 Type: Unk
Method: NON EPA-6010-200.7(v2917) 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	.1145378	.0012734	2.201203	-.002875	-.000810	18.27130	1.278750
Stddev	.0032078	.0007970	.004161	.000976	.001831	.03868	.003990
%RSD	2.800673	62.59071	.1890239	33.96266	225.9193	.2116785	.3120292
#1	.1146155	.0020537	2.197566	-.003552	.000172	18.23107	1.275871
#2	.1177061	.0013059	2.205740	-.003316	-.002923	18.27462	1.277074
#3	.1112918	.0004606	2.200303	-.001756	.000319	18.30821	1.283305

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0017597	-.001412	32.44908	.0542615	.0184725	.7454260	60.91821
Stddev	.0000271	.000025	.18130	.0001333	.0000481	.0012934	.12678
%RSD	1.541878	1.739861	.5587235	.2457398	.2606387	.1735102	.2081163
#1	.0017755	-.001438	32.33182	.0544149	.0185275	.7449618	61.06417
#2	.0017284	-.001410	32.35752	.0541734	.0184515	.7444289	60.83553
#3	.0017754	-.001389	32.65790	.0541961	.0184383	.7468875	60.85493

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6515748	3.453038	.0797337	.0101093	3.579068	.0680869	.9975765
Stddev	.0047276	.019376	.0004524	.0001624	.007170	.0011676	.0059585
%RSD	.7255701	.5611329	.5673335	1.606379	.2003437	1.714807	.5972960
#1	.6485811	3.441231	.0798675	.0099776	3.586896	.0693481	1.004419
#2	.6491184	3.442482	.0801042	.0100595	3.577491	.0678689	.994780
#3	.6570250	3.475400	.0792296	.0102907	3.572818	.0670437	.993530

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.765411	.1060782	.0080244	.3936330	.3232258	1.299499	2.346024
Stddev	.021576	.0002073	.0001627	.0004104	.0021259	.010750	.004892
%RSD	.5729935	.1953896	2.027711	.1042509	.6577125	.8272315	.2085329
#1	3.746325	.1060907	.0079750	.3940787	.3208175	1.299354	2.351389
#2	3.788821	.1062789	.0078922	.3935494	.3240184	1.288822	2.341810
#3	3.761088	.1058649	.0082061	.3932709	.3248416	1.310320	2.344872

Reviewed By:kareem
On:4/11/2025 10:25:08 AM
Inst Id :P4
LB :LB135373

Sample Name: Q1745-09LX5 Acquired: 4/10/2025 14:36:27 Type: Unk
Method: NON EPA-6010-200.7(v2917) 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	3.491621	.0780964	.2132542
Stddev	.011399	.0006198	.0007138
%RSD	.3264644	.7936289	.3347301
#1	3.483629	.0785196	.2130094
#2	3.486560	.0773850	.2126950
#3	3.504674	.0783847	.2140582

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3193.432	78222.50	15939.02	2078.078	5012.221
Stddev	3.175	124.72	110.08	10.502	8.674
%RSD	.0994262	.1594384	.6906074	.5053769	.1730559
#1	3189.837	78099.92	16011.07	2066.558	5002.981
#2	3194.606	78349.25	15993.67	2087.118	5013.493
#3	3195.853	78218.33	15812.31	2080.557	5020.188

Reviewed By:kareem
On:4/11/2025 10:25:08 AM
Inst Id :P4
LB :LB135373

Sample Name: CCV05 Acquired: 4/10/2025 14:44:54 Type: Unk
Method: NON EPA-6010-200.7(v2917) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV05 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.821979	4.825935	4.718089	4.907144	4.999745	9.907616
Stddev	.002808	.030563	.012583	.002419	.004594	.028687
%RSD	.0582410	.6333096	.2666918	.0492896	.0918849	.2895405
#1	4.824181	4.809950	4.703625	4.904353	4.996468	9.880362
#2	4.818816	4.806681	4.724122	4.908433	5.004996	9.904940
#3	4.822941	4.861176	4.726518	4.908644	4.997770	9.937547

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.733984	.2304198	2.354077	23.95709	1.018219	2.472167
Stddev	.087060	.0001433	.006113	.10084	.004217	.006080
%RSD	.8943873	.0622101	.2596979	.4209285	.4141962	.2459580
#1	9.820099	.2303611	2.347198	23.87340	1.019939	2.466069
#2	9.646009	.2303152	2.356142	23.92883	1.021305	2.472201
#3	9.735845	.2305832	2.358890	24.06905	1.013414	2.478230

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.282280	5.158174	2.358224	24.08553	2.479636	1.267849
Stddev	.001658	.024394	.010677	.07179	.006571	.004514
%RSD	.1293054	.4729115	.4527765	.2980533	.2650034	.3559999
#1	1.280366	5.151484	2.351713	24.00429	2.472196	1.271354
#2	1.283194	5.185214	2.352413	24.11190	2.482065	1.269437
#3	1.283280	5.137823	2.370547	24.14041	2.484646	1.262756

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	26.89867	2.437499	2.546806	26.14758	4.632018	4.969619
Stddev	.08030	.003809	.011573	.08747	.009385	.007095
%RSD	.2985233	.1562721	.4544175	.3345246	.2026060	.1427644
#1	26.91969	2.437239	2.555273	26.17052	4.625535	4.962994
#2	26.96637	2.433827	2.551527	26.22129	4.627740	4.968757
#3	26.80995	2.441432	2.533619	26.05092	4.642780	4.977105

Reviewed By:kareem
On:4/11/2025 10:25:08 AM
Inst Id :P4
LB :LB135373

Sample Name: CCV05 Acquired: 4/10/2025 14:44:54 Type: Unk
Method: NON EPA-6010-200.7(v2917) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV05 Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.789494	4.676318	F 6.175608	4.827351	4.700318	4.663326
Stddev	.015395	.018705	.008378	.035942	.017954	.018076
%RSD	.3214229	.3999928	.1356559	.7445586	.3819678	.3876100
#1	4.772081	4.660975	6.182705	4.786818	4.685806	4.653284
#2	4.795105	4.670824	6.166367	4.839889	4.694753	4.652501
#3	4.801296	4.697154	6.177752	4.855345	4.720395	4.684193

Elem	Sr4077
Units	ppm
Avg	4.702302
Stddev	.042505
%RSD	.9039225
#1	4.738748
#2	4.655610
#3	4.712546

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3140.040	75470.04	14456.04	2036.838	4874.950
Stddev	2.744	313.56	28.06	8.432	9.603
%RSD	.0873858	.4154824	.1941143	.4139625	.1969827
#1	3143.209	75221.21	14466.92	2031.484	4885.925
#2	3138.443	75366.66	14477.03	2032.473	4870.836
#3	3138.469	75822.24	14424.16	2046.558	4868.090

Reviewed By:kareem
On:4/11/2025 10:25:08 AM
Inst Id :P4
LB :LB135373

Sample Name: CCB05 Acquired: 4/10/2025 14:49:04 Type: Unk
Method: NON EPA-6010-200.7(v2917) 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	.0012222	-.002355	-.001357	-.003021	-.000555	-.004687	-.007424
Stddev	.0011635	.000959	.001031	.001430	.000178	.003035	.000211
%RSD	95.19583	40.71774	75.95975	47.34290	32.07084	64.74689	2.848709
#1	.0019639	-.001294	-.002307	-.001567	-.000397	-.001194	-.007315
#2	-.000119	-.003160	-.000261	-.003069	-.000748	-.006191	-.007288
#3	.001821	-.002612	-.001503	-.004427	-.000519	-.006677	-.007667

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000576	-.000059	-.014956	-.000213	.0001144	-.000176	-.002123
Stddev	.0000336	.000068	.002600	.000203	.0001487	.000233	.003287
%RSD	58.41430	114.6369	17.38535	95.31902	130.0460	132.2313	154.8384
#1	.0000913	.000017	-.017814	-.000422	.0002802	-.000427	-.005303
#2	.0000240	-.000083	-.014327	-.000198	.0000701	.000035	-.002327
#3	.0000574	-.000113	-.012729	-.000018	-.000007	-.000138	.001262

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003586	-.013716	-.000267	.0005769	-.064198	-.002280	.0008825
Stddev	.000093	.009365	.000165	.0001920	.015787	.001057	.0003361
%RSD	2.598914	68.27822	61.63864	33.27344	24.59058	46.34834	38.08581
#1	-.003664	-.010035	-.000093	.0007380	-.082404	-.002396	.0005069
#2	-.003611	-.006751	-.000420	.0003645	-.055885	-.003274	.0009857
#3	-.003483	-.024363	-.000289	.0006282	-.054305	-.001170	.0011550

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.045741	-.000737	.0001443	-.000817	.0013294	.0047205	-.002371
Stddev	.025077	.000392	.0001746	.000528	.0001901	.0019889	.002311
%RSD	54.82447	53.27764	120.9974	64.63241	14.29569	42.13308	97.47502
#1	-.070855	-.000327	-.000057	-.000594	.0011107	.0070122	.000199
#2	-.045668	-.001110	.000252	-.001419	.0014548	.0034457	-.004279
#3	-.020701	-.000772	.000238	-.000437	.0014226	.0037035	-.003034

Reviewed By:kareem
On:4/11/2025 10:25:08 AM
Inst Id :P4
LB :LB135373

Sample Name: CCB05 Acquired: 4/10/2025 14:49:04 Type: Unk
Method: NON EPA-6010-200.7(v2917) 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	.0028881	-.003035	-.000158
Stddev	.0013020	.000757	.000019
%RSD	45.08110	24.93826	12.02036
#1	.0015235	-.003909	-.000151
#2	.0041168	-.002609	-.000145
#3	.0030238	-.002588	-.000180

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3301.976	80344.06	15232.16	2163.456	5488.386
Stddev	6.748	152.15	99.05	5.252	10.413
%RSD	.2043587	.1893770	.6502609	.2427675	.1897260
#1	3309.581	80216.22	15121.87	2159.642	5496.235
#2	3296.704	80303.60	15313.53	2161.280	5476.573
#3	3299.643	80512.35	15261.08	2169.447	5492.349

Reviewed By:kareem
On:4/11/2025 10:25:08 AM
Inst Id :P4
LB :LB135373

Sample Name: Q1745-09A Acquired: 4/10/2025 14:57:40 Type: Unk
Method: NON EPA-6010-200.7(v2917) 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	1.247967	1.771760	11.00033	1.744867	.7541677	85.67153
Stddev	.005756	.007312	.03443	.005284	.0080000	.31846
%RSD	.4612391	.4127078	.3129748	.3028263	1.060775	.3717240
#1	1.242301	1.777503	10.96521	1.739577	.7460783	86.03857
#2	1.247791	1.774248	11.00176	1.744878	.7543494	85.46848
#3	1.253810	1.763528	11.03402	1.750145	.7620753	85.50754

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.028086	.1504675	.1818714	146.4638	.5849426	.2766394
Stddev	.128283	.0003314	.0007846	.6824	.0008207	.0006212
%RSD	2.128087	.2202689	.4314008	.4659442	.1402954	.2245383
#1	6.156594	.1507811	.1810829	147.1330	.5854780	.2768439
#2	6.027634	.1501207	.1818793	145.7689	.5839978	.2759417
#3	5.900030	.1505007	.1826520	146.4895	.5853521	.2771325

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.437251	282.7662	3.026176	16.82639	.8508241	.1124113
Stddev	.012840	1.1232	.017488	.08204	.0026793	.0002689
%RSD	.3735476	.3972314	.5778895	.4875595	.3149019	.2392267
#1	3.424271	283.6392	3.041247	16.88080	.8486635	.1127083
#2	3.437538	281.4990	3.007001	16.73203	.8499868	.1123411
#3	3.449945	283.1603	3.030279	16.86635	.8538220	.1121844

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	20.37814	.5596774	4.477476	28.93263	.7138190	.4038517
Stddev	.09392	.0023913	.009885	.09008	.0035487	.0018949
%RSD	.4608754	.4272717	.2207766	.3113456	.4971427	.4692002
#1	20.47279	.5613223	4.482411	29.03638	.7169618	.4018351
#2	20.37665	.5569342	4.466095	28.87434	.7099705	.4041245
#3	20.28497	.5607757	4.483922	28.88717	.7145248	.4055953

Reviewed By:kareem
On:4/11/2025 10:25:08 AM
Inst Id :P4
LB :LB135373

Sample Name: Q1745-09A Acquired: 4/10/2025 14:57:40 Type: Unk
Method: NON EPA-6010-200.7(v2917) 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	2.546950	1.594701	6.494810	F 16.55133	F 16.95805	.5480931
Stddev	.008246	.006798	.023429	.02090	.04038	.0033148
%RSD	.3237735	.4262818	.3607343	.1262911	.2381192	.6047969
#1	2.543871	1.601162	6.516714	16.56369	16.94030	.5519017
#2	2.540686	1.587610	6.470107	16.52720	16.92958	.5465190
#3	2.556293	1.595330	6.497610	16.56311	17.00426	.5458585

Elem	Sr4077
Units	ppm
Avg	1.142288
Stddev	.002952
%RSD	.2583945
#1	1.144486
#2	1.138934
#3	1.143445

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3208.678	79381.62	16994.03	2075.333	4525.755
Stddev	17.662	133.98	54.01	6.692	16.614
%RSD	.5504402	.1687752	.3177955	.3224766	.3671093
#1	3228.360	79331.14	16967.64	2069.239	4541.624
#2	3203.467	79533.51	17056.16	2082.495	4527.156
#3	3194.209	79280.22	16958.30	2074.263	4508.484

Reviewed By:kareem
On:4/11/2025 10:25:08 AM
Inst Id :P4
LB :LB135373

Sample Name: Q1745-09MS Acquired: 4/10/2025 15:05:31 Type: Unk
Method: NON EPA-6010-200.7(v2917) 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	1.228179	1.794192	11.06009	1.714554	.7366440	85.73221
Stddev	.004343	.006963	.02586	.004958	.0027243	.18487
%RSD	.3535980	.3880959	.2338344	.2891911	.3698198	.2156347
#1	1.228292	1.787807	11.08045	1.708963	.7397102	85.92934
#2	1.232464	1.801616	11.06884	1.718417	.7357192	85.70457
#3	1.223781	1.793153	11.03099	1.716282	.7345025	85.56272

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.023587	.1614431	.1850411	147.6590	.5821810	.2788221
Stddev	.089315	.0006368	.0003018	.3265	.0010577	.0011598
%RSD	1.482762	.3944568	.1630961	.2211317	.1816772	.4159723
#1	6.025770	.1614339	.1853896	147.8984	.5813735	.2792507
#2	5.933199	.1608110	.1848671	147.2871	.5817912	.2797067
#3	6.111790	.1620845	.1848667	147.7916	.5833782	.2775090

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.431432	269.9722	3.086191	17.00000	.8528761	.1095059
Stddev	.002331	.5203	.004822	.03023	.0029325	.0001016
%RSD	.0679210	.1927274	.1562399	.1778149	.3438383	.0927999
#1	3.431161	270.3636	3.086635	16.96573	.8553224	.1094050
#2	3.433886	270.1712	3.081162	17.02290	.8536806	.1096082
#3	3.429248	269.3817	3.090775	17.01135	.8496253	.1095046

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.03101	.5642822	4.446043	27.08727	.6952369	.4008237
Stddev	.07901	.0010878	.027251	.08057	.0011733	.0003819
%RSD	.4151498	.1927758	.6129255	.2974316	.1687590	.0952746
#1	19.06424	.5633442	4.444117	27.09839	.6963000	.4011067
#2	19.08797	.5654747	4.419806	27.16169	.6954327	.4009750
#3	18.94081	.5640277	4.474206	27.00172	.6939781	.4003893

Reviewed By:kareem
On:4/11/2025 10:25:08 AM
Inst Id :P4
LB :LB135373

Sample Name: Q1745-09MS Acquired: 4/10/2025 15:05:31 Type: Unk
Method: NON EPA-6010-200.7(v2917) 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	2.563729	1.604546	6.097515	F 16.87723	F 17.11972	.5450000
Stddev	.005776	.005640	.008481	.05382	.06241	.0009810
%RSD	.2252881	.3514717	.1390966	.3188838	.3645388	.1799997
#1	2.569711	1.611044	6.104344	16.81564	17.09950	.5455656
#2	2.563293	1.600937	6.100180	16.91522	17.18973	.5455671
#3	2.558184	1.601656	6.088021	16.90082	17.06993	.5438672

Elem	Sr4077
Units	ppm
Avg	1.151019
Stddev	.011332
%RSD	.9845527
#1	1.162274
#2	1.139610
#3	1.151172

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3252.781	80214.85	15969.47	2133.394	4544.343
Stddev	2.803	52.32	51.99	10.041	3.315
%RSD	.0861607	.0652249	.3255865	.4706802	.0729467
#1	3251.205	80267.45	15986.62	2139.063	4540.743
#2	3256.017	80214.29	16010.73	2139.318	4547.270
#3	3251.121	80162.81	15911.07	2121.800	4545.016

Reviewed By:kareem
On:4/11/2025 10:25:08 AM
Inst Id :P4
LB :LB135373

Sample Name: Q1745-09MSD Acquired: 4/10/2025 15:09:46 Type: Unk
Method: NON EPA-6010-200.7(v2917) 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	1.208200	1.763974	11.03826	1.674924	.7206198	86.53569
Stddev	.004067	.009548	.04063	.009082	.0060007	.24900
%RSD	.3366284	.5412794	.3680797	.5422494	.8327174	.2877389
#1	1.210155	1.752979	10.99393	1.674943	.7208704	86.24842
#2	1.203525	1.768764	11.04715	1.665833	.7144977	86.66904
#3	1.210921	1.770178	11.07371	1.683997	.7264913	86.68961

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.468890	.1514341	.1793649	148.8687	.5769227	.2752258
Stddev	.116227	.0006306	.0008691	.4531	.0024636	.0015884
%RSD	1.796710	.4163841	.4845729	.3043791	.4270272	.5771409
#1	6.580196	.1521612	.1785061	149.0327	.5766056	.2734600
#2	6.478175	.1511033	.1793446	149.2171	.5746331	.2756792
#3	6.348299	.1510378	.1802440	148.3564	.5795296	.2765382

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.388769	280.8587	3.102812	16.99343	.8429482	.1103165
Stddev	.009318	1.4341	.007081	.07167	.0030779	.0001346
%RSD	.2749620	.5106004	.2281999	.4217528	.3651399	.1220332
#1	3.387757	279.8550	3.103470	17.03721	.8396719	.1101927
#2	3.379998	280.2201	3.109541	17.03236	.8433934	.1102970
#3	3.398551	282.5012	3.095426	16.91072	.8457792	.1104598

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.73285	.5638163	4.408932	28.44060	.7111312	.3934843
Stddev	.19858	.0021969	.004064	.20805	.0053380	.0014549
%RSD	1.006357	.3896403	.0921689	.7315274	.7506401	.3697486
#1	19.57253	.5649233	4.412286	28.26636	.7075308	.3925441
#2	19.67102	.5652395	4.404413	28.38449	.7085987	.3927487
#3	19.95499	.5612862	4.410097	28.67095	.7172641	.3951601

Reviewed By:kareem
On:4/11/2025 10:25:08 AM
Inst Id :P4
LB :LB135373

Sample Name: Q1745-09MSD Acquired: 4/10/2025 15:09:46 Type: Unk
Method: NON EPA-6010-200.7(v2917) 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	2.532487	1.691386	8.251917	F 16.74352	F 16.92428	.5508845
Stddev	.011126	.004978	.063250	.09982	.05398	.0034452
%RSD	.4393182	.2943385	.7664904	.5961775	.3189280	.6253909
#1	2.519653	1.692840	8.193891	16.63550	16.86857	.5469591
#2	2.538404	1.695475	8.242520	16.76269	16.92793	.5522885
#3	2.539404	1.685842	8.319340	16.83236	16.97633	.5534060

Elem	Sr4077
Units	ppm
Avg	1.173332
Stddev	.005919
%RSD	.5044394
#1	1.180151
#2	1.169523
#3	1.170322

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3291.817	81417.90	16886.43	2160.304	4595.428
Stddev	5.765	371.18	103.05	5.794	15.894
%RSD	.1751416	.4558906	.6102339	.2682111	.3458763
#1	3297.664	81296.59	16781.01	2153.613	4613.775
#2	3291.649	81834.55	16891.36	2163.652	4586.695
#3	3286.137	81122.55	16986.93	2163.646	4585.815

Reviewed By:kareem
On:4/11/2025 10:25:08 AM
Inst Id :P4
LB :LB135373

Sample Name: PBW04 Acquired: 4/10/2025 15:14:00 Type: Unk
Method: NON EPA-6010-200.7(v2917) 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	-.000920	-.002017	.0002746	-.000846	.0001129	.0062032	-.009020
Stddev	.001920	.000704	.0009572	.003350	.0009254	.0014709	.001417
%RSD	208.7652	34.91921	348.5355	395.7748	819.4365	23.71141	15.70344
#1	-.000137	-.002694	-.000665	.003007	.0011067	.0058637	-.010233
#2	.000486	-.001288	.000241	-.003059	-.000724	.0078141	-.009365
#3	-.003108	-.002070	.001248	-.002488	-.000044	.0049318	-.007463

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000409	-.000064	-.003560	-.000223	-.000199	-.000210	.0232555
Stddev	.0000298	.000019	.004432	.000216	.000107	.000603	.0032453
%RSD	72.73248	29.94521	124.5024	96.97990	53.84214	287.6197	13.95503
#1	.0000691	-.000066	.001538	-.000448	-.000139	.000364	.0197109
#2	.0000098	-.000083	-.006503	-.000017	-.000322	-.000838	.0239748
#3	.0000438	-.000044	-.005714	-.000204	-.000135	-.000155	.0260808

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003769	-.007325	-.000134	.0006742	-.131425	-.001466	-.001421
Stddev	.000077	.004961	.000108	.0001320	.021162	.001252	.000139
%RSD	2.040776	67.72347	80.57281	19.58080	16.10204	85.41095	9.751119
#1	-.003839	-.008804	-.000033	.0005697	-.154551	-.000194	-.001577
#2	-.003782	-.001793	-.000121	.0008225	-.126699	-.002697	-.001312
#3	-.003687	-.011378	-.000247	.0006302	-.113025	-.001508	-.001373

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.111367	-.006304	-.000129	-.000362	.0014458	.0006190	-.001375
Stddev	.009883	.000378	.000094	.000864	.0005717	.0022959	.003795
%RSD	8.874113	6.002046	72.75766	238.2884	39.54158	370.9184	276.1164
#1	-.120312	-.006589	-.000086	.000594	.0019300	.0032566	.002303
#2	-.100758	-.005875	-.000064	-.001084	.0008151	-.000931	-.001149
#3	-.113031	-.006448	-.000237	-.000597	.0015922	-.000468	-.005278

Reviewed By:kareem
On:4/11/2025 10:25:08 AM
Inst Id :P4
LB :LB135373

Sample Name: PBW04 Acquired: 4/10/2025 15:14:00 Type: Unk
Method: NON EPA-6010-200.7(v2917) 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	.0068061	-.002972	-.000273
Stddev	.0011667	.000991	.000016
%RSD	17.14208	33.35241	5.704360
#1	.0079597	-.001833	-.000285
#2	.0056267	-.003639	-.000256
#3	.0068320	-.003445	-.000278

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3223.476	77939.69	15734.18	2080.503	5370.619
Stddev	10.893	328.35	75.34	2.491	10.440
%RSD	.3379411	.4212890	.4788330	.1197070	.1943902
#1	3224.299	78186.26	15789.43	2082.502	5364.040
#2	3233.934	77566.97	15764.76	2081.295	5382.657
#3	3212.194	78065.83	15648.36	2077.713	5365.161

Reviewed By:kareem
On:4/11/2025 10:25:08 AM
Inst Id :P4
LB :LB135373

Sample Name: LCSW04 Acquired: 4/10/2025 15:18:19 Type: Unk
Method: NON EPA-6010-200.7(v2917) 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	.7576424	1.903532	.9062977	1.953392	.8051331	1.845046
Stddev	.0007736	.018103	.0006047	.003476	.0018380	.038263
%RSD	.1021098	.9510414	.0667267	.1779519	.2282829	2.073828
#1	.7569277	1.889535	.9063786	1.954416	.8048953	1.845801
#2	.7575357	1.897086	.9068580	1.949519	.8034256	1.882926
#3	.7584639	1.923977	.9056566	1.956242	.8070784	1.806411

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .1653987	F .1648112	.1813829	.9041579	.3952404	.1845451
Stddev	.0026550	.0028124	.0003363	.0138689	.0018705	.0003901
%RSD	1.605189	1.706449	.1854063	1.533903	.4732537	.2114051
#1	.1654010	.1659516	.1816872	.9065691	.3964775	.1846203
#2	.1680525	.1668744	.1810218	.9166631	.3930886	.1841229
#3	.1627426	.1616077	.1814398	.8892415	.3961551	.1848922

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3025452	3.018301	.1748570	1.791013	.4682837	.0730825
Stddev	.0006136	.015657	.0023634	.033183	.0008605	.0002291
%RSD	.2028156	.5187346	1.351616	1.852762	.1837533	.3134175
#1	.3027375	3.007026	.1756486	1.804063	.4686687	.0732816
#2	.3018585	3.011699	.1767230	1.815687	.4672979	.0731337
#3	.3030397	3.036177	.1721995	1.753288	.4688844	.0728322

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.977005	.2715203	.1977653	9.967833	F .2449088	.3987081
Stddev	.014007	.0037918	.0009959	.069412	.0055344	.0006036
%RSD	.4705157	1.396498	.5035772	.6963566	2.259791	.1513899
#1	2.979902	.2726200	.1972812	9.965286	.2461018	.3984715
#2	2.961776	.2746407	.1989107	9.899729	.2497494	.3982586
#3	2.989338	.2673003	.1971040	10.03848	.2388751	.3993941

Reviewed By:kareem
On:4/11/2025 10:25:08 AM
Inst Id :P4
LB :LB135373

Sample Name: LCSW04 Acquired: 4/10/2025 15:18:19 Type: Unk
Method: NON EPA-6010-200.7(v2917) 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	.6380625	.1795643	.8431739	5.280737	F -.005559	.1803545
Stddev	.0011780	.0035611	.0086002	.018048	.000548	.0026506
%RSD	.1846144	1.983180	1.019983	.3417749	9.858230	1.469685
#1	.6376259	.1805903	.8358969	5.271652	-.005274	.1802544
#2	.6371653	.1824998	.8526646	5.269037	-.005213	.1830537
#3	.6393965	.1756029	.8409603	5.301523	-.006191	.1777553

Elem	Sr4077
Units	ppm
Avg	.1819517
Stddev	.0029714
%RSD	1.633064
#1	.1821534
#2	.1848171
#3	.1788846

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3216.148	76896.94	15545.84	2048.400	5323.371
Stddev	4.440	181.26	266.93	9.466	7.481
%RSD	.1380389	.2357177	1.717020	.4621259	.1405316
#1	3217.498	76859.15	15462.27	2059.323	5330.327
#2	3219.755	77094.11	15330.70	2042.586	5324.330
#3	3211.190	76737.55	15844.55	2043.291	5315.457

Reviewed By:kareem
On:4/11/2025 10:25:08 AM
Inst Id :P4
LB :LB135373

Sample Name: PBS04 Acquired: 4/10/2025 15:23:05 Type: Unk
Method: NON EPA-6010-200.7(v2917) 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	.0007325	-.001210	-.000581	-.002501	-.000736	-.002091	-.009780
Stddev	.0013715	.000419	.000198	.001259	.000279	.003676	.001014
%RSD	187.2491	34.60836	34.01436	50.32441	37.98503	175.8422	10.36345
#1	.0022984	-.001410	-.000391	-.003728	-.001028	.001788	-.008620
#2	-.000255	-.000729	-.000567	-.002562	-.000472	-.002535	-.010495
#3	.000154	-.001492	-.000786	-.001213	-.000707	-.005524	-.010224

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000515	-.000110	-.021503	-.000336	-.000157	-.000270	-.008461
Stddev	.0000303	.000077	.002720	.000260	.000163	.000087	.002052
%RSD	58.84267	70.41559	12.65019	77.25646	103.4122	32.24927	24.24987
#1	.0000860	-.000199	-.022190	-.000266	-.000102	-.000184	-.008513
#2	.0000294	-.000070	-.023815	-.000624	-.000340	-.000358	-.010487
#3	.0000390	-.000060	-.018506	-.000119	-.000029	-.000269	-.006384

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.004111	-.001549	-.000365	.0007575	-.205568	-.001317	-.001749
Stddev	.000278	.012440	.000113	.0000726	.008946	.000486	.000286
%RSD	6.754406	803.2388	31.00371	9.585263	4.351715	36.89719	16.33950
#1	-.003861	.011295	-.000369	.0007766	-.214090	-.001762	-.001441
#2	-.004063	-.013542	-.000476	.0006773	-.206361	-.000798	-.001798
#3	-.004410	-.002398	-.000250	.0008187	-.196252	-.001392	-.002006

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.130481	-.006425	-.000353	-.000887	.0013311	.0067658	-.000131
Stddev	.035839	.000712	.000061	.000466	.0005311	.0014352	.002690
%RSD	27.46694	11.07798	17.19214	52.55240	39.89799	21.21270	2048.614
#1	-.148349	-.005664	-.000349	-.001350	.0011981	.0059301	-.003108
#2	-.153873	-.006536	-.000295	-.000418	.0008792	.0084231	.002126
#3	-.089220	-.007074	-.000416	-.000894	.0019161	.0059444	.000588

Reviewed By:kareem
On:4/11/2025 10:25:08 AM
Inst Id :P4
LB :LB135373

Sample Name: PBS04 Acquired: 4/10/2025 15:23:05 Type: Unk
Method: NON EPA-6010-200.7(v2917) 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	.0033195	-.003952	-.000318
Stddev	.0039189	.000692	.000029
%RSD	118.0558	17.51701	9.251480
#1	.0078413	-.003901	-.000333
#2	.0009094	-.004669	-.000284
#3	.0012077	-.003287	-.000335

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3253.745	78814.10	15192.33	2116.773	5428.569
Stddev	5.785	112.39	62.41	3.627	7.548
%RSD	.1777876	.1425981	.4108163	.1713561	.1390359
#1	3254.884	78768.84	15125.92	2117.009	5421.781
#2	3258.876	78942.06	15201.28	2120.277	5436.697
#3	3247.476	78731.39	15249.78	2113.034	5427.229

Reviewed By:kareem
On:4/11/2025 10:25:08 AM
Inst Id :P4
LB :LB135373

Sample Name: LCSS04 Acquired: 4/10/2025 15:27:25 Type: Unk
Method: NON EPA-6010-200.7(v2917) 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	.7403343	1.890259	.9014139	1.901494	.7776342	1.834527
Stddev	.0030027	.004759	.0044376	.006278	.0016461	.020483
%RSD	.4055916	.2517472	.4922987	.3301516	.2116802	1.116501
#1	.7368976	1.895709	.9038716	1.896629	.7785508	1.841394
#2	.7424507	1.888143	.8962911	1.899272	.7757338	1.850694
#3	.7416545	1.886925	.9040789	1.908581	.7786180	1.811494

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .1619171	.1904143	.1811821	.9060248	.3890079	.1842340
Stddev	.0029232	.0023115	.0009250	.0027718	.0008297	.0007488
%RSD	1.805342	1.213936	.5105348	.3059330	.2132876	.4064522
#1	.1633485	.1921736	.1811253	.9031789	.3894738	.1840871
#2	.1638487	.1912731	.1802868	.9087161	.3880500	.1835695
#3	.1585541	.1877963	.1821342	.9061793	.3895000	.1850453

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2984718	2.701343	.1765063	1.789391	.4662514	.0725879
Stddev	.0016074	.013125	.0014659	.021871	.0016011	.0002042
%RSD	.5385476	.4858685	.8305126	1.222279	.3434062	.2813381
#1	.2977001	2.686950	.1776946	1.807399	.4658600	.0723941
#2	.2973957	2.704430	.1769561	1.795722	.4648823	.0725685
#3	.3003195	2.712649	.1748682	1.765053	.4680120	.0728011

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 2.512675	.2689246	.1972977	8.590969	.2821641	.3902779
Stddev	.020077	.0014382	.0001161	.012321	.0030780	.0010862
%RSD	.7990154	.5347795	.0588572	.1434216	1.090854	.2783138
#1	2.495470	.2704925	.1974237	8.576766	.2842250	.3892615
#2	2.507821	.2686143	.1971951	8.597349	.2836413	.3901497
#3	2.534733	.2676669	.1972743	8.598792	.2786259	.3914225

Reviewed By:kareem
On:4/11/2025 10:25:08 AM
Inst Id :P4
LB :LB135373

Sample Name: LCSS04 Acquired: 4/10/2025 15:27:25 Type: Unk
Method: NON EPA-6010-200.7(v2917) 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	.6331335	.1784203	F .7254084	5.362893	F -.006223	.1801486
Stddev	.0026694	.0018615	.0056940	.018580	.001646	.0021658
%RSD	.4216246	1.043345	.7849348	.3464607	26.44923	1.202240
#1	.6341145	.1795103	.7202965	5.355548	-.005816	.1803488
#2	.6301123	.1794797	.7315453	5.349108	-.004819	.1822074
#3	.6351736	.1762708	.7243834	5.384023	-.008035	.1778897

Elem	Sr4077
Units	ppm
Avg	.1767692
Stddev	.0014246
%RSD	.8059290
#1	.1771999
#2	.1779287
#3	.1751789

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3272.900	77885.63	13636.95	2129.308	5347.270
Stddev	2.457	76.98	167.03	6.595	8.808
%RSD	.0750708	.0988323	1.224815	.3097039	.1647156
#1	3275.403	77839.14	13535.98	2127.533	5351.833
#2	3272.806	77843.26	13545.13	2123.783	5352.861
#3	3270.492	77974.48	13829.75	2136.609	5337.117

Reviewed By:kareem
On:4/11/2025 10:25:08 AM
Inst Id :P4
LB :LB135373

Sample Name: PBW05 Acquired: 4/10/2025 15:31:29 Type: Unk
Method: NON EPA-6010-200.7(v2917) 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	-.000332	-.001290	-.001967	-.000647	.0007979	-.002085	-.008708
Stddev	.002701	.000759	.000524	.000958	.0006656	.003861	.000633
%RSD	813.9202	58.80375	26.64932	147.9285	83.42186	185.1529	7.269680
#1	-.001803	-.002165	-.002564	.000433	.0015218	-.003489	-.008309
#2	-.001978	-.000890	-.001585	-.001391	.0002123	-.005049	-.008376
#3	.002785	-.000816	-.001751	-.000984	.0006595	.002281	-.009438

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000779	-.000075	-.019910	-.000070	.0000132	-.000335	-.006429
Stddev	.0000598	.000018	.002474	.000037	.0001378	.000359	.004668
%RSD	76.82727	23.56383	12.42404	52.41728	1043.095	107.2323	72.61161
#1	.0000935	-.000059	-.018334	-.000037	.0000210	-.000097	-.004761
#2	.0001283	-.000072	-.022761	-.000063	.0001469	-.000160	-.011702
#3	.0000118	-.000094	-.018636	-.000110	-.000128	-.000749	-.002824

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.004135	-.009244	-.000401	.0006058	-.251491	-.001695	-.001927
Stddev	.000330	.004575	.000357	.0000802	.011889	.000750	.000313
%RSD	7.983433	49.49142	89.09716	13.24344	4.727543	44.23561	16.24602
#1	-.004084	-.014471	-.000814	.0005504	-.263309	-.000918	-.002277
#2	-.003834	-.007294	-.000204	.0006978	-.251633	-.001753	-.001674
#3	-.004488	-.005967	-.000186	.0005692	-.239532	-.002414	-.001831

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.140168	-.006502	-.000408	-.001203	.0014345	.0000743	-.002304
Stddev	.007733	.000303	.000140	.000153	.0004535	.0034311	.000837
%RSD	5.516906	4.660796	34.29605	12.73160	31.61364	4620.451	36.33761
#1	-.146083	-.006405	-.000393	-.001379	.0011709	-.003880	-.002678
#2	-.143003	-.006259	-.000555	-.001134	.0011745	.002259	-.001345
#3	-.131418	-.006842	-.000276	-.001097	.0019582	.001844	-.002889

Reviewed By:kareem
On:4/11/2025 10:25:08 AM
Inst Id :P4
LB :LB135373

Sample Name: PBW05 Acquired: 4/10/2025 15:31:29 Type: Unk
Method: NON EPA-6010-200.7(v2917) 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	.0006803	-.004720	-.000324
Stddev	.0011312	.000208	.000053
%RSD	166.2671	4.415249	16.37272
#1	.0017096	-.004892	-.000326
#2	-.000531	-.004781	-.000377
#3	.000862	-.004489	-.000271

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3250.483	79473.87	14913.50	2142.447	5387.221
Stddev	10.741	164.89	217.69	3.913	11.077
%RSD	.3304518	.2074729	1.459652	.1826373	.2056108
#1	3255.573	79497.06	15161.08	2145.695	5394.289
#2	3257.734	79298.61	14752.09	2143.543	5392.918
#3	3238.143	79625.93	14827.35	2138.103	5374.455

Reviewed By:kareem
On:4/11/2025 10:25:08 AM
Inst Id :P4
LB :LB135373

Sample Name: PBS05 Acquired: 4/10/2025 15:35:50 Type: Unk
Method: NON EPA-6010-200.7(v2917) 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	.0005206	-.001747	-.001207	-.001490	.0001547	.0167442	-.009906
Stddev	.0028431	.000858	.001148	.003893	.0010575	.0018270	.000476
%RSD	546.1054	49.12278	95.12769	261.2563	683.7956	10.91106	4.804924
#1	-.002749	-.002710	-.002472	-.002461	-.000172	.0149640	-.009383
#2	.001901	-.001472	-.000230	-.004806	.001337	.0186146	-.010313
#3	.002410	-.001060	-.000919	.002796	-.000701	.0166540	-.010024

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000552	-.000089	-.014153	-.000236	-.000074	-.000512	-.011288
Stddev	.0000185	.000052	.006750	.000051	.000220	.000316	.003998
%RSD	33.51974	57.79000	47.69612	21.54504	295.9927	61.78506	35.41531
#1	.0000403	-.000075	-.008719	-.000207	-.000030	-.000292	-.013711
#2	.0000494	-.000046	-.021710	-.000205	.000120	-.000369	-.013478
#3	.0000759	-.000147	-.012030	-.000294	-.000313	-.000874	-.006674

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.004211	-.001209	-.000186	.0004527	-.254231	-.001624	-.001648
Stddev	.000313	.017348	.000154	.0001344	.005661	.001775	.000220
%RSD	7.440293	1434.618	82.92646	29.68019	2.226842	109.2670	13.35593
#1	-.004194	.017570	-.000364	.0004161	-.248481	-.002600	-.001597
#2	-.004532	-.016637	-.000103	.0006016	-.259799	-.002697	-.001459
#3	-.003906	-.004561	-.000091	.0003405	-.254414	.000424	-.001890

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.186907	-.007556	-.000309	-.001619	.0010021	.0006799	-.000830
Stddev	.005255	.000786	.000156	.000150	.0003511	.0044738	.001402
%RSD	2.811525	10.40471	50.43576	9.242377	35.03785	658.0116	168.9295
#1	-.191844	-.008209	-.000472	-.001780	.0010770	.0039401	-.002154
#2	-.187492	-.006683	-.000294	-.001484	.0006195	.0025201	.000639
#3	-.181383	-.007775	-.000161	-.001592	.0013096	-.004421	-.000975

Reviewed By:kareem
On:4/11/2025 10:25:08 AM
Inst Id :P4
LB :LB135373

Sample Name: PBS05 Acquired: 4/10/2025 15:35:50 Type: Unk
Method: NON EPA-6010-200.7(v2917) 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	.0014869	-.004544	-.000390
Stddev	.0010648	.001199	.000051
%RSD	71.61293	26.39223	13.02705
#1	.0002774	-.005264	-.000441
#2	.0019000	-.003160	-.000340
#3	.0022833	-.005209	-.000390

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3223.032	77717.63	15672.74	2083.378	5382.960
Stddev	13.716	372.53	114.33	4.450	11.819
%RSD	.4255497	.4793406	.7294671	.2135802	.2195698
#1	3238.869	77690.67	15785.40	2086.823	5396.352
#2	3215.033	78102.90	15676.00	2078.354	5378.543
#3	3215.194	77359.30	15556.82	2084.957	5373.985

Reviewed By:kareem
On:4/11/2025 10:25:08 AM
Inst Id :P4
LB :LB135373

Sample Name: WATER MDL-4 Acquired: 4/10/2025 15:40:10 Type: Unk
Method: NON EPA-6010-200.7(v2917) 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	.0054705	.0075109	.0008554	.0034555	.0129267	.0238575	.0119860
Stddev	.0007645	.0009014	.0009971	.0007065	.0015854	.0052321	.0006495
%RSD	13.97541	12.00114	116.5683	20.44632	12.26427	21.93068	5.418940
#1	.0062096	.0085275	.0018896	.0035684	.0144731	.0283115	.0126250
#2	.0055191	.0071959	.0007767	.0040989	.0130020	.0251656	.0113265
#3	.0046829	.0068093	-.000100	.0026994	.0113050	.0180955	.0120064

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0013411	.0012679	.4421826	.0022396	.0069203	.0053947	.0177538
Stddev	.0000122	.0001006	.0070417	.0004472	.0001994	.0003349	.0041573
%RSD	.9096884	7.933961	1.592487	19.96715	2.881668	6.208443	23.41638
#1	.0013509	.0011557	.4406997	.0017235	.0071221	.0052984	.0208748
#2	.0013274	.0013501	.4360004	.0025104	.0069154	.0051185	.0193520
#3	.0013450	.0012978	.4498476	.0024849	.0067233	.0057672	.0130346

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006626	.4862936	.0092069	.0032443	.2839204	.0076631	.0085414
Stddev	.0002287	.0111098	.0000424	.0001074	.0063909	.0010557	.0001366
%RSD	34.51744	2.284586	.4603594	3.309060	2.250948	13.77578	1.599209
#1	.0004562	.4932896	.0092143	.0033155	.2775618	.0076336	.0084045
#2	.0006232	.4921080	.0091613	.0032966	.2903431	.0066225	.0085421
#3	.0009085	.4734833	.0092451	.0031208	.2838565	.0087331	.0086777

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3574287	.0153396	.0513230	.0080638	.0107351	.1031963	.0000893
Stddev	.0272943	.0007696	.0005387	.0005171	.0006906	.0031126	.0031864
%RSD	7.636285	5.017126	1.049540	6.412545	6.432960	3.016151	3569.227
#1	.3280902	.0149220	.0515169	.0084499	.0114778	.1056535	.0030209
#2	.3621270	.0162278	.0507142	.0082652	.0106150	.1042393	.0005488
#3	.3820688	.0148691	.0517377	.0074763	.0101124	.0996962	-.003302

Reviewed By:kareem
On:4/11/2025 10:25:08 AM
Inst Id :P4
LB :LB135373

Sample Name: WATER MDL-4 Acquired: 4/10/2025 15:40:10 Type: Unk
Method: NON EPA-6010-200.7(v2917) 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	.0062418	-.000598	.0042564
Stddev	.0014291	.000678	.0000254
%RSD	22.89537	113.3639	.5963747
#1	.0057765	-.000245	.0042407
#2	.0078455	-.001379	.0042428
#3	.0051033	-.000170	.0042857

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3251.013	77195.09	15372.36	2066.975	5438.664
Stddev	16.197	489.12	33.69	19.137	16.915
%RSD	.4982177	.6336097	.2191888	.9258327	.3110228
#1	3240.834	77705.84	15391.21	2085.405	5430.413
#2	3269.690	77148.46	15392.41	2047.202	5458.122
#3	3242.513	76730.95	15333.46	2068.316	5427.457

Reviewed By:kareem
On:4/11/2025 10:25:08 AM
Inst Id :P4
LB :LB135373

Sample Name: CCV06 Acquired: 4/10/2025 15:44:28 Type: Unk
Method: NON EPA-6010-200.7(v2917) 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	4.775879	4.767511	4.693859	4.851858	4.962260	9.969920
Stddev	.007799	.005463	.008347	.006428	.008862	.131164
%RSD	.1633080	.1145779	.1778351	.1324844	.1785810	1.315593
#1	4.766939	4.766933	4.699860	4.848438	4.961135	9.833723
#2	4.779405	4.773239	4.684327	4.847863	4.954014	10.09539
#3	4.781293	4.762360	4.697392	4.859273	4.971630	9.98065

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.635493	.2284817	2.335379	24.06699	1.012095	2.451475
Stddev	.118976	.0020046	.001990	.27580	.004967	.002504
%RSD	1.234771	.8773549	.0851938	1.145948	.4907872	.1021345
#1	9.618195	.2262828	2.337148	23.74918	1.017830	2.451909
#2	9.526113	.2289548	2.333225	24.24343	1.009249	2.448782
#3	9.762172	.2302074	2.335765	24.20838	1.009205	2.453733

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.269651	5.061043	2.375758	24.20802	2.467823	1.256160
Stddev	.001799	.007998	.026709	.30939	.002455	.002697
%RSD	.1417276	.1580384	1.124214	1.278068	.0994766	.2147111
#1	1.268327	5.051817	2.345032	23.85082	2.470136	1.259085
#2	1.268926	5.065282	2.393413	24.38145	2.465247	1.253771
#3	1.271700	5.066029	2.388831	24.39180	2.468086	1.255626

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	26.51730	2.450747	2.523793	25.72441	4.628227	4.963566
Stddev	.16365	.033081	.005691	.10760	.050710	.005280
%RSD	.6171523	1.349829	.2254841	.4182801	1.095668	.1063787
#1	26.55574	2.417384	2.527865	25.75010	4.571404	4.966812
#2	26.65830	2.483538	2.526223	25.81683	4.644397	4.957473
#3	26.33784	2.451319	2.517290	25.60629	4.668881	4.966413

Reviewed By:kareem
On:4/11/2025 10:25:08 AM
Inst Id :P4
LB :LB135373

Sample Name: CCV06 Acquired: 4/10/2025 15:44:28 Type: Unk
Method: NON EPA-6010-200.7(v2917) 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	4.751129	4.698192	F 6.113281	4.901263	4.624206	4.709618
Stddev	.001916	.054816	.026628	.016841	.008163	.055742
%RSD	.0403243	1.166743	.4355706	.3436106	.1765297	1.183586
#1	4.748918	4.637397	6.110854	4.914638	4.624714	4.652190
#2	4.752189	4.743846	6.141039	4.882350	4.615800	4.763506
#3	4.752282	4.713332	6.087950	4.906801	4.632103	4.713157

Elem	Sr4077
Units	ppm
Avg	4.772335
Stddev	.012469
%RSD	.2612771
#1	4.758389
#2	4.776210
#3	4.782407

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3153.917	75888.05	14297.77	2044.284	4911.362
Stddev	4.211	431.40	97.61	11.542	7.189
%RSD	.1335180	.5684727	.6827237	.5645760	.1463678
#1	3151.592	75390.03	14408.86	2031.753	4908.123
#2	3158.777	76127.41	14258.70	2046.623	4919.600
#3	3151.380	76146.71	14225.73	2054.477	4906.362

Reviewed By:kareem
On:4/11/2025 10:25:08 AM
Inst Id :P4
LB :LB135373

Sample Name: CCB06 Acquired: 4/10/2025 15:48:39 Type: Unk
Method: NON EPA-6010-200.7(v2917) 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	.0000532	-.002726	-.001121	-.001312	.0008289	-.005013	-.009198
Stddev	.0018022	.000571	.000389	.001445	.0005535	.000467	.000828
%RSD	3387.708	20.95435	34.71620	110.1321	66.78172	9.322187	9.004694
#1	-.001427	-.002112	-.000683	-.002663	.0007138	-.005429	-.008565
#2	.002060	-.002824	-.001427	.000212	.0003419	-.004507	-.008895
#3	-.000473	-.003242	-.001253	-.001486	.0014309	-.005102	-.010135

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000155	-.000076	-.017657	-.000236	-.000166	-.000409	-.005386
Stddev	.0000500	.000062	.006985	.000251	.000059	.000140	.003679
%RSD	323.3673	81.64763	39.56027	106.1360	35.81566	34.28146	68.30505
#1	-.000017	-.000091	-.024693	-.000427	-.000111	-.000363	-.007182
#2	.000073	-.000008	-.017555	-.000330	-.000158	-.000567	-.007821
#3	-.000010	-.000129	-.010724	.000048	-.000229	-.000298	-.001154

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.005279	-.011210	-.000019	.0007534	-.269984	-.000805	-.002091
Stddev	.000053	.009785	.000107	.0000857	.014049	.001247	.000210
%RSD	.9955503	87.28176	564.1582	11.37772	5.203751	154.9495	10.03679
#1	-.005263	-.014673	.000101	.0007386	-.283605	.000249	-.002301
#2	-.005338	-.018793	-.000102	.0006761	-.270803	-.002181	-.001881
#3	-.005237	-.000165	-.000056	.0008456	-.255543	-.000482	-.002091

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.159313	-.002632	.0000149	-.000222	.0012751	.0012626	-.002263
Stddev	.020958	.000384	.0000702	.000854	.0004119	.0055554	.001876
%RSD	13.15536	14.59448	469.7263	384.8935	32.30700	439.9777	82.87741
#1	-.182528	-.002308	-.000060	-.000676	.0017147	.0054658	-.000836
#2	-.153623	-.003057	.000026	-.000753	.0008979	.0033578	-.001566
#3	-.141787	-.002532	.000079	.000764	.0012127	-.005036	-.004387

Reviewed By:kareem
On:4/11/2025 10:25:08 AM
Inst Id :P4
LB :LB135373

Sample Name: CCB06 Acquired: 4/10/2025 15:48:39 Type: Unk
Method: NON EPA-6010-200.7(v2917) 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	.0009861	-.003542	-.000277
Stddev	.0044133	.000602	.000057
%RSD	447.5310	16.98987	20.68765
#1	-.001949	-.003062	-.000300
#2	.006061	-.004217	-.000212
#3	-.001154	-.003347	-.000319

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3282.606	82536.40	14671.99	2201.877	5439.543
Stddev	14.099	114.38	78.72	6.300	21.626
%RSD	.4294973	.1385794	.5365359	.2861234	.3975691
#1	3295.757	82667.04	14708.36	2197.640	5456.059
#2	3284.341	82454.29	14725.95	2198.874	5447.506
#3	3267.720	82487.86	14581.66	2209.117	5415.065

Reviewed By:kareem
On:4/11/2025 10:25:08 AM
Inst Id :P4
LB :LB135373

Sample Name: WATER MDL-5 Acquired: 4/10/2025 15:52:59 Type: Unk
Method: NON EPA-6010-200.7(v2917) 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	.0040235	.0086178	.0021002	.0027784	.0129291	.0197929	.0137773
Stddev	.0014892	.0016663	.0010452	.0026308	.0025837	.0018308	.0005551
%RSD	37.01244	19.33484	49.76572	94.68534	19.98388	9.249758	4.029184
#1	.0025970	.0087511	.0010607	.0057369	.0099459	.0187913	.0134006
#2	.0055684	.0068890	.0031509	.0018962	.0144525	.0186815	.0135165
#3	.0039053	.0102135	.0020889	.0007022	.0143890	.0219060	.0144148

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0013979	.0013060	.4573054	.0019170	.0071615	.0055788	.0201520
Stddev	.0000374	.0000572	.0056158	.0000609	.0002768	.0001766	.0061225
%RSD	2.677185	4.381664	1.228028	3.177445	3.864724	3.164933	30.38163
#1	.0013821	.0012555	.4508727	.0019644	.0071377	.0056685	.0237878
#2	.0013710	.0012943	.4612307	.0019383	.0068974	.0056924	.0130833
#3	.0014407	.0013682	.4598128	.0018483	.0074494	.0053753	.0235848

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005435	.5010994	.0093939	.0029971	.1870645	.0083377	.0085101
Stddev	.0002588	.0103671	.0002858	.0002626	.0056007	.0010772	.0003584
%RSD	47.61101	2.068878	3.042350	8.761286	2.993998	12.91965	4.211591
#1	.0004304	.4913956	.0090947	.0028651	.1806005	.0079345	.0083972
#2	.0003605	.4998804	.0096640	.0028267	.1901246	.0095583	.0089114
#3	.0008396	.5120221	.0094229	.0032995	.1904685	.0075202	.0082217

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2901734	.0187435	.0511392	.0081911	.0096674	.0907073	.0035053
Stddev	.0122579	.0006059	.0005587	.0002626	.0006195	.0051306	.0017459
%RSD	4.224324	3.232398	1.092442	3.205322	6.407565	5.656224	49.80862
#1	.3004330	.0188476	.0506419	.0083754	.0097168	.0960386	.0055193
#2	.2934880	.0180923	.0510321	.0083075	.0102607	.0858043	.0025776
#3	.2765990	.0192905	.0517437	.0078905	.0090248	.0902789	.0024191

Reviewed By:kareem
On:4/11/2025 10:25:08 AM
Inst Id :P4
LB :LB135373

Sample Name: WATER MDL-5 Acquired: 4/10/2025 15:52:59 Type: Unk
Method: NON EPA-6010-200.7(v2917) 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	.0025723	.0001341	.0044138
Stddev	.0010609	.0008327	.0000697
%RSD	41.24284	620.8001	1.579129
#1	.0033332	-.000751	.0044942
#2	.0030232	.000251	.0043769
#3	.0013604	.000902	.0043702

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3300.804	83108.72	15156.23	2223.240	5463.514
Stddev	5.354	122.60	141.89	9.370	3.027
%RSD	.1622055	.1475200	.9362120	.4214389	.0553952
#1	3305.930	83174.59	15127.99	2216.827	5462.721
#2	3301.235	82967.26	15310.12	2218.901	5466.858
#3	3295.248	83184.30	15030.58	2233.993	5460.963

Reviewed By:kareem
On:4/11/2025 10:25:08 AM
Inst Id :P4
LB :LB135373

Sample Name: SOIL MDL-4 Acquired: 4/10/2025 16:09:14 Type: Unk
Method: NON EPA-6010-200.7(v2917) 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	.0049587	.0068798	.0018826	.0017424	.0123722	.0257507	.0135319
Stddev	.0019888	.0008945	.0005111	.0012718	.0018063	.0033367	.0002490
%RSD	40.10671	13.00136	27.14668	72.99433	14.59948	12.95781	1.839734
#1	.0070924	.0078292	.0013023	.0031222	.0128493	.0286991	.0132444
#2	.0031566	.0067573	.0022657	.0006170	.0138921	.0221285	.0136737
#3	.0046271	.0060529	.0020797	.0014879	.0103753	.0264244	.0136775

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0014013	.0013005	.4609824	.0019785	.0071116	.0055477	.0185920
Stddev	.0000403	.0000188	.0073986	.0001681	.0001489	.0002847	.0035139
%RSD	2.875420	1.445575	1.604970	8.498672	2.093512	5.131657	18.90005
#1	.0014426	.0013222	.4596419	.0018202	.0070080	.0052215	.0225379
#2	.0013621	.0012885	.4543456	.0021550	.0072822	.0057459	.0174371
#3	.0013992	.0012909	.4689596	.0019604	.0070447	.0056758	.0158008

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0017088	.5061459	.0094145	.0031633	.1882874	.0084191	.0087130
Stddev	.0006039	.0109847	.0001595	.0002256	.0025396	.0007502	.0000709
%RSD	35.33930	2.170255	1.694552	7.131814	1.348766	8.910754	.8139369
#1	.0010553	.5027488	.0095379	.0034070	.1911890	.0076169	.0087419
#2	.0022462	.4972611	.0094711	.0031213	.1872039	.0085373	.0087649
#3	.0018248	.5184278	.0092343	.0029617	.1864693	.0091033	.0086322

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2896234	.0191734	.0517097	.0089976	.0103676	.0950767	.0001001
Stddev	.0101135	.0004193	.0001915	.0005674	.0002349	.0104604	.0010178
%RSD	3.491943	2.186978	.3703976	6.306195	2.266030	11.00201	1016.438
#1	.2998792	.0188993	.0515000	.0092956	.0105070	.0947421	.0012200
#2	.2893323	.0189648	.0517538	.0083433	.0104994	.0847877	-.000151
#3	.2796586	.0196561	.0518754	.0093539	.0100963	.1057003	-.000769

Reviewed By:kareem
On:4/11/2025 10:25:08 AM
Inst Id :P4
LB :LB135373

Sample Name: SOIL MDL-4 Acquired: 4/10/2025 16:09:14 Type: Unk
Method: NON EPA-6010-200.7(v2917) 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	.0062634	.0001725	.0043774
Stddev	.0028628	.0011089	.0000239
%RSD	45.70665	642.6939	.5456699
#1	.0030592	-.000523	.0044009
#2	.0071616	-.000411	.0043532
#3	.0085695	.001451	.0043782

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3258.679	79301.19	14662.18	2154.381	5368.867
Stddev	1.806	151.59	67.93	14.312	4.515
%RSD	.0554204	.1911610	.4633127	.6643004	.0840964
#1	3259.251	79224.97	14718.05	2151.798	5369.983
#2	3256.656	79475.77	14681.92	2169.808	5372.719
#3	3260.129	79202.84	14586.56	2141.537	5363.898

Reviewed By:kareem
On:4/11/2025 10:25:08 AM
Inst Id :P4
LB :LB135373

Sample Name: Q1746-01 Acquired: 4/10/2025 16:17:52 Type: Unk
Method: NON EPA-6010-200.7(v2917) 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	.0835356	.0175518	2.300192	-.045518	.0194045	107.6618	.4548957
Stddev	.0008229	.0006666	.005182	.002139	.0021375	.1435	.0014131
%RSD	.9850830	3.798056	.2252710	4.698997	11.01534	.1332582	.3106518
#1	.0827240	.0169526	2.294456	-.044083	.0179991	107.8118	.4558797
#2	.0843693	.0174330	2.304533	-.047976	.0218643	107.5259	.4555310
#3	.0835136	.0182699	2.301588	-.044494	.0183500	107.6477	.4532764

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0087367	-.000837	39.54465	.2287103	.2132220	1.782942	474.1039
Stddev	.0000559	.000578	.15838	.0003622	.0001836	.004457	1.3941
%RSD	.6393787	69.01484	.4005176	.1583703	.0860927	.2499945	.2940599
#1	.0087878	-.000583	39.55612	.2284877	.2130293	1.782110	472.6501
#2	.0087453	-.000430	39.69699	.2291283	.2132418	1.787757	474.2319
#3	.0086771	-.001498	39.38085	.2285150	.2133948	1.778960	475.4296

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.422678	51.61666	.3889980	.0132349	2.589314	.5152524	3.174960
Stddev	.012352	.11011	.0016672	.0004850	.001843	.0015365	.015514
%RSD	.2277895	.2133199	.4285835	3.664644	.0711891	.2982080	.4886317
#1	5.421596	51.70687	.3876919	.0127402	2.591407	.5169115	3.188990
#2	5.435535	51.64915	.3908758	.0132550	2.587935	.5138784	3.158299
#3	5.410902	51.49396	.3884262	.0137096	2.588599	.5149673	3.177591

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.776130	.6599913	.0024080	.2353944	6.265579	3.836564	8.811507
Stddev	.017296	.0025088	.0005550	.0014070	.015837	.022024	.031819
%RSD	.2224222	.3801299	23.04645	.5977375	.2527586	.5740439	.3611070
#1	7.757438	.6582611	.0030064	.2369105	6.275764	3.822161	8.836445
#2	7.791567	.6588441	.0023073	.2351423	6.273640	3.825615	8.822405
#3	7.779385	.6628686	.0019103	.2341305	6.247333	3.861917	8.775671

Reviewed By:kareem
On:4/11/2025 10:25:08 AM
Inst Id :P4
LB :LB135373

Sample Name: Q1746-01 Acquired: 4/10/2025 16:17:52 Type: Unk
Method: NON EPA-6010-200.7(v2917) 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	1.036902	.4452730	.1905896
Stddev	.003879	.0003473	.0003333
%RSD	.3740831	.0779892	.1748612
#1	1.037943	.4452298	.1905148
#2	1.040155	.4449494	.1909539
#3	1.032609	.4456399	.1903000

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3397.041	83397.50	16592.67	2213.856	4623.488
Stddev	8.844	66.73	38.68	11.301	11.942
%RSD	.2603501	.0800148	.2331443	.5104509	.2582872
#1	3406.104	83357.45	16575.87	2200.846	4636.862
#2	3388.433	83360.52	16565.23	2219.484	4613.893
#3	3396.589	83474.54	16636.92	2221.236	4619.708

Reviewed By:kareem
On:4/11/2025 10:25:08 AM
Inst Id :P4
LB :LB135373

Sample Name: Q1746-03 Acquired: 4/10/2025 16:22:05 Type: Unk
Method: NON EPA-6010-200.7(v2917) 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	.0445984	.0014404	.0956505	-.015871	-.002092	102.8554
Stddev	.0041228	.0013437	.0025970	.002911	.001334	.2019
%RSD	9.244252	93.28597	2.715116	18.33955	63.75880	.1962746
#1	.0471645	.0028652	.0926519	-.015082	-.002017	102.8039
#2	.0467879	.0001960	.0971826	-.019095	-.000798	103.0780
#3	.0398428	.0012601	.0971169	-.013436	-.003462	102.6842

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1335195	.0059146	-.006503	10.91897	.2072167	.0889767
Stddev	.0010351	.0000159	.000229	.01689	.0010870	.0006238
%RSD	.7752013	.2693237	3.516639	.1546752	.5245741	.7011115
#1	.1343866	.0059238	-.006512	10.93844	.2068232	.0896168
#2	.1323736	.0059238	-.006269	10.91019	.2063812	.0883705
#3	.1337984	.0058962	-.006726	10.90828	.2084456	.0889428

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2731150	193.5334	1.267854	47.40466	.1924330	.0078183
Stddev	.0002362	.6467	.001179	.06373	.0002890	.0001335
%RSD	.0864846	.3341711	.0929727	.1344397	.1502027	1.707380
#1	.2729675	192.9194	1.267860	47.35548	.1921126	.0078600
#2	.2729901	193.4723	1.269030	47.38185	.1926742	.0079259
#3	.2733874	194.2086	1.266673	47.47666	.1925122	.0076689

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.387876	.2439455	.5397365	13.83932	.3232059	.0038354
Stddev	.010622	.0015557	.0028038	.01841	.0014100	.0003799
%RSD	.4448482	.6377415	.5194759	.1329961	.4362629	9.904658
#1	2.391186	.2456613	.5418101	13.81811	.3224329	.0039439
#2	2.375993	.2435484	.5365464	13.85115	.3223513	.0034131
#3	2.396450	.2426268	.5408529	13.84869	.3248333	.0041493

Reviewed By:kareem
On:4/11/2025 10:25:08 AM
Inst Id :P4
LB :LB135373

Sample Name: Q1746-03 Acquired: 4/10/2025 16:22:05 Type: Unk
Method: NON EPA-6010-200.7(v2917) 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	-.000922	4.648098	6.510064	3.733486	F 20.95804	.2588705
Stddev	.000237	.008887	.040313	.004785	.03638	.0012305
%RSD	25.68029	.1911989	.6192385	.1281545	.1735763	.4753487
#1	-.000849	4.650236	6.467344	3.728262	20.91693	.2574929
#2	-.001187	4.655721	6.547435	3.734544	20.97110	.2592579
#3	-.000731	4.638337	6.515414	3.737654	20.98608	.2598607

Elem	Sr4077
Units	ppm
Avg	.0714022
Stddev	.0000739
%RSD	.1034934
#1	.0714346
#2	.0714543
#3	.0713176

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3286.668	78840.26	15826.59	2127.088	4865.768
Stddev	9.359	189.44	21.02	4.081	9.176
%RSD	.2847581	.2402882	.1327835	.1918758	.1885809
#1	3276.559	78915.96	15803.82	2122.381	4857.162
#2	3288.413	78980.15	15845.25	2129.253	4864.720
#3	3295.031	78624.68	15830.70	2129.632	4875.423

Reviewed By:kareem
On:4/11/2025 10:25:08 AM
Inst Id :P4
LB :LB135373

Sample Name: PB167490BL Acquired: 4/10/2025 16:26:10 Type: Unk
Method: NON EPA-6010-200.7(v2917) 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	.0004559	-.002496	-.001414	-.003431	.0002525	-.002347	-.009503
Stddev	.0015116	.001158	.000599	.001965	.0014678	.003967	.000360
%RSD	331.5708	46.38697	42.37698	57.28214	581.2424	169.0106	3.793023
#1	-.001157	-.001554	-.002052	-.005373	-.001202	-.006649	-.009088
#2	.000684	-.003788	-.000863	-.001443	.000226	-.001556	-.009736
#3	.001841	-.002146	-.001327	-.003478	.001734	.001165	-.009686

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000661	-.000133	-.015449	-.000238	-.000364	-.000391	.0005003
Stddev	.0000193	.000037	.003033	.000326	.000111	.000297	.0052291
%RSD	29.19425	27.86169	19.63491	137.3150	30.46635	75.98104	1045.240
#1	.0000876	-.000155	-.018949	-.000242	-.000478	-.000268	-.005340
#2	.0000606	-.000154	-.013581	.000091	-.000360	-.000175	.002092
#3	.0000502	-.000090	-.013817	-.000562	-.000256	-.000730	.004749

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003558	-.012483	-.000357	.0006034	-.340659	-.001054	-.001830
Stddev	.000210	.002252	.000043	.0003561	.004764	.000882	.000102
%RSD	5.902307	18.04243	12.09496	59.01465	1.398345	83.70822	5.567573
#1	-.003402	-.014908	-.000350	.0010071	-.343771	-.001234	-.001841
#2	-.003797	-.010457	-.000404	.0004687	-.343032	-.001832	-.001926
#3	-.003475	-.012083	-.000318	.0003343	-.335175	-.000096	-.001723

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.223327	-.006479	-.000405	-.000872	.0008426	.0003006	-.002443
Stddev	.006914	.000195	.000122	.000074	.0004214	.0050644	.000791
%RSD	3.095724	3.004925	30.09100	8.534112	50.01653	1685.025	32.37250
#1	-.229146	-.006608	-.000405	-.000953	.0006398	-.002756	-.002775
#2	-.225152	-.006573	-.000282	-.000807	.0013270	.006146	-.001541
#3	-.215684	-.006255	-.000526	-.000858	.0005609	-.002489	-.003015

Reviewed By:kareem
On:4/11/2025 10:25:08 AM
Inst Id :P4
LB :LB135373

Sample Name: PB167490BL Acquired: 4/10/2025 16:26:10 Type: Unk
Method: NON EPA-6010-200.7(v2917) 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	.0012847	-.005144	-.000380
Stddev	.0031200	.000840	.000056
%RSD	242.8509	16.32655	14.87039
#1	.0029178	-.006089	-.000318
#2	.0032492	-.004860	-.000429
#3	-.002313	-.004482	-.000392

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3282.597	78849.75	14167.22	2165.689	5472.931
Stddev	11.185	130.81	71.69	8.961	11.004
%RSD	.3407235	.1658918	.5060213	.4137563	.2010626
#1	3279.573	78718.13	14144.86	2156.090	5473.310
#2	3294.983	78851.41	14247.42	2167.144	5483.741
#3	3273.235	78979.72	14109.37	2173.833	5461.742

Reviewed By:kareem
On:4/11/2025 10:25:08 AM
Inst Id :P4
LB :LB135373

Sample Name: PB167490BS Acquired: 4/10/2025 16:39:31 Type: Unk
Method: NON EPA-6010-200.7(v2917) 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	.7745465	1.924436	.9179780	1.982508	.8100457	1.872501
Stddev	.0032124	.031383	.0011472	.010032	.0047135	.003909
%RSD	.4147402	1.630782	.1249664	.5060391	.5818761	.2087614
#1	.7777565	1.955065	.9187295	1.991260	.8154771	1.873919
#2	.7713318	1.892349	.9185469	1.971559	.8070265	1.875504
#3	.7745513	1.925895	.9166575	1.984705	.8076336	1.868081

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1639784	.1804996	.1839290	.9337657	.3924149	.1851046
Stddev	.0014985	.0015535	.0002358	.0120476	.0005850	.0006337
%RSD	.9138655	.8606789	.1282218	1.290211	.1490818	.3423410
#1	.1647327	.1803295	.1839561	.9326740	.3917446	.1854682
#2	.1649500	.1821312	.1836808	.9463220	.3928225	.1843729
#3	.1622526	.1790381	.1841501	.9223012	.3926776	.1854727

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3045438	2.799601	.1783515	1.818153	.4766853	.0731190
Stddev	.0002781	.008879	.0014877	.013008	.0018037	.0005194
%RSD	.0913295	.3171697	.8341328	.7154750	.3783845	.7102973
#1	.3046237	2.792846	.1780968	1.832395	.4784563	.0734339
#2	.3042345	2.796299	.1799501	1.815165	.4748506	.0734036
#3	.3047733	2.809659	.1770076	1.806898	.4767490	.0725196

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.690104	.2745307	.1990242	9.006831	.2708898	.3980671
Stddev	.035849	.0028238	.0011123	.057372	.0032787	.0021544
%RSD	1.332636	1.028587	.5588547	.6369841	1.210354	.5412053
#1	2.688323	.2738711	.1983432	9.011830	.2713426	.3992720
#2	2.655178	.2776259	.2003077	8.947122	.2739186	.3955798
#3	2.726811	.2720951	.1984216	9.061539	.2674083	.3993494

Reviewed By:kareem
On:4/11/2025 10:25:08 AM
Inst Id :P4
LB :LB135373

Sample Name: PB167490BS Acquired: 4/10/2025 16:39:31 Type: Unk
Method: NON EPA-6010-200.7(v2917) 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	.6462179	.1826255	.7726328	5.554306	F -.010424	.1859371
Stddev	.0018674	.0009435	.0110139	.021577	.001650	.0016517
%RSD	.2889682	.5166163	1.425505	.3884733	15.82828	.8883098
#1	.6480996	.1831245	.7636063	5.568739	-.012130	.1862146
#2	.6443652	.1832147	.7693873	5.529501	-.010306	.1841642
#3	.6461888	.1815373	.7849048	5.564676	-.008836	.1874325

Elem	Sr4077
Units	ppm
Avg	.1810779
Stddev	.0003474
%RSD	.1918564
#1	.1812152
#2	.1813357
#3	.1806828

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3161.822	76924.57	13991.34	2052.026	5183.615
Stddev	11.278	133.18	108.02	2.408	15.272
%RSD	.3566848	.1731258	.7720439	.1173503	.2946284
#1	3152.747	76864.61	13973.07	2051.692	5171.679
#2	3174.448	77077.18	13893.62	2049.803	5200.825
#3	3158.270	76831.91	14107.33	2054.584	5178.340

Reviewed By:kareem
On:4/11/2025 10:25:08 AM
Inst Id :P4
LB :LB135373

Sample Name: PB167517TB Acquired: 4/10/2025 16:43:33 Type: Unk
Method: NON EPA-6010-200.7(v2917) 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	-.004846	-.006992	-.001117	.0002871	.0013805	.0125208
Stddev	.002741	.001938	.000171	.0020351	.0015464	.0027702
%RSD	56.55959	27.72254	15.35358	708.8395	112.0162	22.12455
#1	-.002040	-.008268	-.001164	.0018406	-.000153	.0110055
#2	-.004982	-.004761	-.001259	-.002017	.001355	.0157181
#3	-.007517	-.007945	-.000926	.001037	.002939	.0108389

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.011605	-.000170	-.000229	.0085231	-.000468	-.000592
Stddev	.000630	.000040	.000036	.0066801	.000149	.000227
%RSD	5.431343	23.59452	15.48828	78.37607	31.77495	38.40346
#1	-.011646	-.000130	-.000209	.0035067	-.000635	-.000369
#2	-.012214	-.000169	-.000270	.0059569	-.000419	-.000824
#3	-.010956	-.000210	-.000209	.0161058	-.000350	-.000582

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000617	.0240945	-.003090	.0096845	-.000459	.0008603
Stddev	.000443	.0036356	.000106	.0199481	.000113	.0002048
%RSD	71.80105	15.08884	3.416274	205.9806	24.54513	23.80540
#1	-.001096	.0200006	-.002971	-.011208	-.000576	.0010207
#2	-.000223	.0253365	-.003174	.011731	-.000351	.0009305
#3	-.000531	.0269462	-.003124	.028530	-.000450	.0006296

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.461330	-.001846	.0009160	-.358408	-.006784	-.000205
Stddev	.001071	.001002	.0000916	.009662	.000321	.000104
%RSD	.2321062	54.28126	9.996412	2.695685	4.738352	50.91083
#1	-.461993	-.001837	.0008143	-.359455	-.006413	-.000126
#2	-.460095	-.000848	.0009918	-.367503	-.006951	-.000166
#3	-.461903	-.002852	.0009421	-.348265	-.006987	-.000324

Reviewed By:kareem
On:4/11/2025 10:25:08 AM
Inst Id :P4
LB :LB135373

Sample Name: PB167517TB Acquired: 4/10/2025 16:43:33 Type: Unk
Method: NON EPA-6010-200.7(v2917) 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	-.000320	.0010189	.0167590	.0036072	F 14.76014	-.006459
Stddev	.000509	.0002192	.0055259	.0008908	.03182	.000571
%RSD	158.8776	21.51161	32.97275	24.69551	.2155743	8.838340
#1	.000174	.0010586	.0182533	.0043391	14.77605	-.006538
#2	-.000293	.0012155	.0213840	.0026153	14.72351	-.005853
#3	-.000842	.0007826	.0106396	.0038672	14.78087	-.006987

Elem	Sr4077
Units	ppm
Avg	-.000342
Stddev	.000070
%RSD	20.53066
#1	-.000324
#2	-.000419
#3	-.000283

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3208.516	79557.98	15780.80	2098.872	5474.087
Stddev	12.637	96.41	60.03	3.910	13.943
%RSD	.3938714	.1211803	.3803749	.1863063	.2547047
#1	3194.175	79494.54	15726.11	2096.449	5458.279
#2	3218.025	79668.92	15771.26	2103.383	5479.349
#3	3213.347	79510.47	15845.02	2096.783	5484.633

Reviewed By:kareem
On:4/11/2025 10:25:08 AM
Inst Id :P4
LB :LB135373

Sample Name: Q1744-02 Acquired: 4/10/2025 16:47:52 Type: Unk
Method: NON EPA-6010-200.7(v2917) 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	-.005155	-.008438	.0004068	.0017467	.0013650	.0162619	.1556782
Stddev	.001944	.000914	.0019593	.0006162	.0024428	.0050281	.0000900
%RSD	37.71962	10.82672	481.6613	35.27930	178.9532	30.91936	.0578233
#1	-.003250	-.009156	.0014167	.0013980	.0002942	.0107931	.1557597
#2	-.007136	-.007410	-.001851	.0024582	.0041603	.0173080	.1555816
#3	-.005078	-.008748	.001655	.0013840	-.000359	.0206846	.1556934

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000044	.0000608	8.527603	.0022662	.0008161	.0097917	.0134572
Stddev	.000029	.0000919	.022699	.0000694	.0000889	.0001040	.0054973
%RSD	65.31788	151.1942	.2661789	3.062537	10.89716	1.062140	40.85050
#1	-.000033	-.000041	8.535299	.0022250	.0009151	.0097305	.0197133
#2	-.000023	.000137	8.502057	.0023463	.0007431	.0099118	.0112596
#3	-.000077	.000087	8.545453	.0022273	.0007900	.0097328	.0093986

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8621366	.9411583	.0026539	.0004658	347.6210	-.002530	.0416353
Stddev	.0017886	.0040625	.0002203	.0000394	2.5527	.001309	.0003131
%RSD	.2074621	.4316488	8.300947	8.461020	.7343353	51.71958	.7520393
#1	.8626715	.9382056	.0024671	.0005081	350.2989	-.002391	.0417039
#2	.8601416	.9457914	.0028968	.0004590	347.3487	-.003903	.0412935
#3	.8635968	.9394779	.0025978	.0004302	345.2153	-.001297	.0419084

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7708686	.0087433	-.000182	-.000756	.0009193	.5998658	.0281083
Stddev	.0106958	.0002178	.000161	.000548	.0008430	.0071060	.0033515
%RSD	1.387503	2.491168	88.37506	72.46446	91.70051	1.184594	11.92347
#1	.7698404	.0089113	-.000177	-.000884	-.000036	.5970981	.0258747
#2	.7820415	.0084972	-.000346	-.000156	.001233	.5945600	.0264881
#3	.7607241	.0088214	-.000024	-.001229	.001560	.6079391	.0319620

Reviewed By:kareem
On:4/11/2025 10:25:08 AM
Inst Id :P4
LB :LB135373

Sample Name: Q1744-02 Acquired: 4/10/2025 16:47:52 Type: Unk
Method: NON EPA-6010-200.7(v2917) 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	.1799271	-.007523	.0703640
Stddev	.0020565	.000349	.0001215
%RSD	1.142935	4.632364	.1727027
#1	.1822590	-.007922	.0702930
#2	.1783733	-.007275	.0702947
#3	.1791489	-.007372	.0705043

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2998.482	73624.64	14216.32	2002.564	4655.128
Stddev	3.775	332.17	68.81	12.708	5.302
%RSD	.1259119	.4511699	.4839881	.6345724	.1139047
#1	2996.997	74007.98	14275.49	2017.229	4650.982
#2	3002.774	73421.61	14232.64	1995.680	4661.103
#3	2995.674	73444.35	14140.82	1994.785	4653.298

Reviewed By:kareem
On:4/11/2025 10:25:08 AM
Inst Id :P4
LB :LB135373

Sample Name: Q1744-04 Acquired: 4/10/2025 16:52:18 Type: Unk
Method: NON EPA-6010-200.7(v2917) 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	.0018050	-.006781	.0073879	.0019707	.0000622	.1208300	.4346153
Stddev	.0011749	.001556	.0013935	.0007570	.0005008	.0036745	.0006599
%RSD	65.09408	22.94088	18.86208	38.41537	805.6457	3.041082	.1518446
#1	.0004907	-.006175	.0089588	.0024529	-.000370	.1173425	.4342153
#2	.0027537	-.008548	.0069043	.0023609	-.000054	.1246667	.4342536
#3	.0021705	-.005620	.0063006	.0010981	.000611	.1204807	.4353770

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000749	-.000824	5.092565	.0000358	.0011571	.0100796	13.57094
Stddev	.0000163	.000043	.016478	.0000792	.0000409	.0004496	.04726
%RSD	21.78475	5.249046	.3235674	221.1987	3.535741	4.460581	.3482564
#1	.0000844	-.000845	5.074074	.0000470	.0011191	.0105303	13.51901
#2	.0000561	-.000854	5.105694	.0001089	.0011519	.0100773	13.58236
#3	.0000843	-.000775	5.097927	-.000048	.0012004	.0096311	13.61144

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1912062	1.209316	.0030462	.0007464	352.4438	.0008276	.2179503
Stddev	.0010886	.008435	.0000807	.0002620	3.5875	.0005625	.0015029
%RSD	.5693141	.6974736	2.650568	35.09606	1.017894	67.96337	.6895781
#1	.1919916	1.202329	.0029635	.0008380	352.8181	.0005337	.2194429
#2	.1899636	1.218686	.0030505	.0004510	355.8295	.0014762	.2164372
#3	.1916634	1.206932	.0031248	.0009503	348.6839	.0004730	.2179709

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.358511	.1091500	.0003259	-.001283	.0028892	.6414374	.0169313
Stddev	.009728	.0006335	.0001460	.000891	.0007051	.0026482	.0019391
%RSD	.7161006	.5803752	44.78098	69.42617	24.40530	.4128598	11.45256
#1	1.369208	.1084834	.0004648	-.000279	.0022226	.6444918	.0151953
#2	1.356130	.1097441	.0003393	-.001977	.0028178	.6400371	.0165747
#3	1.350194	.1092225	.0001738	-.001592	.0036274	.6397834	.0190239

Reviewed By:kareem
On:4/11/2025 10:25:08 AM
Inst Id :P4
LB :LB135373

Sample Name: Q1744-04 Acquired: 4/10/2025 16:52:18 Type: Unk
Method: NON EPA-6010-200.7(v2917) 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	.6067970	-.002064	.0358079
Stddev	.0036124	.000772	.0001046
%RSD	.5953217	37.40498	.2920305
#1	.6026260	-.002648	.0358192
#2	.6088489	-.002356	.0356982
#3	.6089162	-.001189	.0359065

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3006.996	73044.42	13862.06	1971.017	4693.289
Stddev	4.222	203.16	49.21	2.394	6.147
%RSD	.1403957	.2781296	.3549690	.1214768	.1309710
#1	3004.390	73065.64	13830.97	1971.490	4688.606
#2	3011.867	72831.49	13836.42	1968.422	4700.249
#3	3004.732	73236.14	13918.79	1973.141	4691.011

Reviewed By:kareem
On:4/11/2025 10:25:08 AM
Inst Id :P4
LB :LB135373

Sample Name: CCV07 Acquired: 4/10/2025 16:56:43 Type: Unk
Method: NON EPA-6010-200.7(v2917) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV07 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.915192	4.910137	4.741338	5.021254	5.104803	10.08484
Stddev	.017894	.058149	.012849	.020552	.019148	.01273
%RSD	.3640463	1.184266	.2710098	.4092929	.3750988	.1261884
#1	4.902274	4.845425	4.728210	5.000158	5.086711	10.07047
#2	4.907685	4.926983	4.741917	5.022388	5.102841	10.08936
#3	4.935616	4.958004	4.753889	5.041214	5.124856	10.09468

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.568702	.2409834	2.354417	24.15864	1.020500	2.458615
Stddev	.057941	.0008350	.006909	.06284	.003582	.008710
%RSD	.6055255	.3465132	.2934620	.2601098	.3510001	.3542601
#1	9.535862	.2417985	2.347675	24.23069	1.018090	2.449175
#2	9.635603	.2401297	2.354093	24.11516	1.018794	2.460330
#3	9.534642	.2410219	2.361483	24.13007	1.024616	2.466340

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.290446	4.817954	2.382141	24.53129	2.504086	1.261753
Stddev	.003274	.026286	.008254	.04708	.005629	.005198
%RSD	.2537154	.5455916	.3464754	.1919276	.2247815	.4119754
#1	1.288213	4.804940	2.391631	24.53191	2.497616	1.257498
#2	1.288920	4.800714	2.378152	24.48390	2.506782	1.260214
#3	1.294205	4.848209	2.376640	24.57806	2.507860	1.267547

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.52083	2.448149	2.555474	24.23686	4.905122	5.026483
Stddev	.17926	.009473	.019903	.12283	.015551	.023556
%RSD	.7024067	.3869314	.7788358	.5067945	.3170423	.4686307
#1	25.32027	2.454879	2.546769	24.10778	4.917566	5.005451
#2	25.57675	2.452251	2.541407	24.25050	4.887688	5.022061
#3	25.66546	2.437317	2.578246	24.35230	4.910112	5.051935

Reviewed By:kareem
On:4/11/2025 10:25:08 AM
Inst Id :P4
LB :LB135373

Sample Name: CCV07 Acquired: 4/10/2025 16:56:43 Type: Unk
Method: NON EPA-6010-200.7(v2917) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV07 Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.799573	4.690296	F 5.807119	4.987859	4.719225	4.704892
Stddev	.017813	.012942	.060571	.017196	.031013	.007739
%RSD	.3711344	.2759366	1.043055	.3447480	.6571531	.1644884
#1	4.780087	4.704842	5.737313	4.969016	4.687602	4.704185
#2	4.803615	4.685990	5.838246	4.991860	4.720484	4.712961
#3	4.815018	4.680055	5.845797	5.002702	4.749588	4.697531

Elem	Sr4077
Units	ppm
Avg	4.676422
Stddev	.039965
%RSD	.8546075
#1	4.705483
#2	4.692937
#3	4.630846

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3075.039	74981.54	13383.46	1994.318	4816.920
Stddev	9.215	336.29	38.33	12.788	14.386
%RSD	.2996605	.4484993	.2863707	.6411977	.2986620
#1	3080.374	75294.16	13341.28	1996.513	4830.130
#2	3080.343	75024.72	13416.16	2005.866	4819.036
#3	3064.399	74625.74	13392.94	1980.575	4801.592

Reviewed By:kareem
On:4/11/2025 10:25:08 AM
Inst Id :P4
LB :LB135373

Sample Name: CCB07 Acquired: 4/10/2025 17:00:54 Type: Unk
Method: NON EPA-6010-200.7(v2917) 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	.0002921	-.002017	-.000774	-.000627	.0012414	-.000506	-.009740
Stddev	.0009891	.001753	.000386	.003673	.0010680	.002347	.001503
%RSD	338.5886	86.90538	49.87802	585.4435	86.02948	463.6928	15.42680
#1	-.000699	-.000490	-.001200	-.004847	.0023464	.001917	-.011027
#2	.001280	-.001630	-.000675	.001109	.0011630	-.002769	-.010106
#3	.000295	-.003931	-.000447	.001855	.0002148	-.000667	-.008089

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000734	-.000052	-.016382	-.000060	-.000173	-.000466	-.010993
Stddev	.0000135	.000062	.004083	.000188	.000150	.000183	.002470
%RSD	18.39833	119.4356	24.92483	313.7212	86.49912	39.25040	22.46715
#1	.0000707	-.000123	-.021051	.000079	-.000221	-.000270	-.012947
#2	.0000614	-.000024	-.013474	.000015	-.000005	-.000496	-.011816
#3	.0000880	-.000008	-.014623	-.000274	-.000294	-.000632	-.008217

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.005102	-.006949	-.000023	.0008350	-.225739	-.001555	-.002077
Stddev	.000224	.007475	.000141	.0000202	.008087	.000927	.000121
%RSD	4.392887	107.5732	602.9888	2.414915	3.582462	59.59100	5.837863
#1	-.005162	.001390	-.000116	.0008582	-.223511	-.002278	-.001943
#2	-.004855	-.013048	.000138	.0008238	-.218999	-.001877	-.002109
#3	-.005291	-.009188	-.000092	.0008228	-.234706	-.000510	-.002179

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.179145	-.002847	.0002066	-.000357	.0014692	.0035232	-.002914
Stddev	.021244	.000754	.0001680	.000570	.0004138	.0042937	.002487
%RSD	11.85839	26.48350	81.32679	159.7415	28.16370	121.8671	85.34584
#1	-.203052	-.003698	.0003004	.000300	.0018786	.0064700	-.000122
#2	-.171951	-.002579	.0003068	-.000723	.0014778	.0055028	-.003727
#3	-.162433	-.002263	.0000126	-.000648	.0010512	-.001403	-.004893

Reviewed By:kareem
On:4/11/2025 10:25:08 AM
Inst Id :P4
LB :LB135373

Sample Name: CCB07 Acquired: 4/10/2025 17:00:54 Type: Unk
Method: NON EPA-6010-200.7(v2917) 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	-.001468	-.002779	-.000225
Stddev	.002086	.000656	.000063
%RSD	142.0911	23.61437	28.15704
#1	.000390	-.003445	-.000293
#2	-.001069	-.002133	-.000169
#3	-.003726	-.002758	-.000212

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3233.828	78433.74	15125.35	2105.365	5392.858
Stddev	12.371	429.35	105.08	14.715	15.130
%RSD	.3825523	.5474087	.6947169	.6989316	.2805649
#1	3223.418	78015.41	15168.08	2089.737	5385.561
#2	3247.505	78412.50	15202.34	2107.404	5410.254
#3	3230.561	78873.33	15005.64	2118.954	5382.759

Reviewed By:kareem
On:4/11/2025 10:25:08 AM
Inst Id :P4
LB :LB135373

Sample Name: Q1780-01 Acquired: 4/10/2025 17:05:13 Type: Unk
Method: NON EPA-6010-200.7(v2917) 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	.0028603	-.006697	.0157057	-.000412	.0022050	1.556775
Stddev	.0018615	.003018	.0005402	.002204	.0008272	.014453
%RSD	65.08036	45.06654	3.439421	535.2259	37.51413	.9284216
#1	.0031065	-.008989	.0156866	.001954	.0030693	1.572216
#2	.0008880	-.007825	.0162552	-.000782	.0021251	1.543570
#3	.0045864	-.003278	.0151754	-.002407	.0014207	1.554539

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0793509	.0000289	-.000615	89.22546	.0229608	.0025838
Stddev	.0000980	.0000190	.000096	.05433	.0004030	.0001530
%RSD	.1234901	65.92427	15.54636	.0608937	1.755217	5.921627
#1	.0794097	.0000300	-.000523	89.16514	.0234040	.0026125
#2	.0794051	.0000093	-.000714	89.24065	.0226163	.0027203
#3	.0792377	.0000473	-.000607	89.27057	.0228620	.0024184

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0149939	13.35245	.4043500	8.264430	.0207760	.0012595
Stddev	.0003554	.05830	.0001796	.032640	.0003849	.0003056
%RSD	2.370363	.4366043	.0444100	.3949490	1.852458	24.26157
#1	.0151943	13.35838	.4041590	8.272066	.0209543	.0009155
#2	.0152039	13.29141	.4043758	8.228648	.0203343	.0014995
#3	.0145836	13.40755	.4045153	8.292574	.0210394	.0013636

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	147.2774	.0029795	.2107093	12.21450	.0645400	.0030627
Stddev	.6739	.0009641	.0000909	.06592	.0006818	.0000872
%RSD	.4575419	32.35702	.0431532	.5397050	1.056362	2.847925
#1	147.6836	.0030039	.2106571	12.26463	.0649872	.0030430
#2	147.6491	.0039312	.2106564	12.13983	.0637553	.0031581
#3	146.4996	.0020035	.2108143	12.23905	.0648775	.0029870

Reviewed By:kareem
On:4/11/2025 10:25:08 AM
Inst Id :P4
LB :LB135373

Sample Name: Q1780-01 Acquired: 4/10/2025 17:05:13 Type: Unk
Method: NON EPA-6010-200.7(v2917) 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	-.002976	.1164251	F 13.88386	1.412426	4.527303	.0026552
Stddev	.000161	.0119038	.05847	.011558	.016128	.0007137
%RSD	5.394464	10.22442	.4211384	.8183152	.3562304	26.87807
#1	-.002806	.1137489	13.94507	1.413006	4.525216	.0033806
#2	-.003125	.1060871	13.82858	1.400589	4.512321	.0019539
#3	-.002999	.1294391	13.87795	1.423683	4.544373	.0026310

Elem	Sr4077
Units	ppm
Avg	.3789206
Stddev	.0003049
%RSD	.0804547
#1	.3792533
#2	.3786545
#3	.3788541

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3020.428	74034.77	15162.27	1965.840	4796.370
Stddev	5.817	341.99	57.01	11.882	11.028
%RSD	.1925912	.4619283	.3760037	.6044042	.2299200
#1	3013.728	73645.76	15108.28	1952.341	4797.295
#2	3024.189	74288.11	15156.65	1974.709	4806.906
#3	3023.368	74170.43	15221.89	1970.472	4784.909

Reviewed By:kareem
On:4/11/2025 10:25:08 AM
Inst Id :P4
LB :LB135373

Sample Name: Q1780-02 Acquired: 4/10/2025 17:09:32 Type: Unk
Method: NON EPA-6010-200.7(v2917) 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	-.002437	-.006933	.0240402	-.001038	.0032837	1.859733
Stddev	.001847	.000531	.0016146	.002184	.0006647	.012333
%RSD	75.78671	7.656528	6.716256	210.3123	20.24145	.6631406
#1	-.004463	-.006469	.0235054	.000548	.0040488	1.854761
#2	-.000850	-.007512	.0227608	-.003529	.0029532	1.873775
#3	-.001997	-.006818	.0258543	-.000134	.0028490	1.850662

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0842743	.0000810	-.000736	94.14235	.0086042	.0028816
Stddev	.0007561	.0000115	.000068	.61904	.0002589	.0000656
%RSD	.8972265	14.14770	9.194435	.6575536	3.008900	2.277944
#1	.0836812	.0000767	-.000739	93.49607	.0083070	.0028445
#2	.0840159	.0000723	-.000803	94.20101	.0087807	.0029574
#3	.0851257	.0000940	-.000667	94.72997	.0087250	.0028430

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0178499	14.87354	.4094273	8.521663	.0162621	.0011202
Stddev	.0001420	.08594	.0021719	.049289	.0002932	.0003223
%RSD	.7957128	.5778001	.5304657	.5783921	1.802765	28.76991
#1	.0176867	14.82547	.4071328	8.471881	.0159250	.0007494
#2	.0179179	14.82239	.4096978	8.522666	.0164040	.0012782
#3	.0179452	14.97276	.4114512	8.570443	.0164573	.0013330

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	161.1578	.0050029	.2228504	13.57929	.0669336	.0031589
Stddev	1.3092	.0010032	.0003329	.10948	.0006506	.0000594
%RSD	.8123590	20.05280	.1493920	.8062356	.9719861	1.879841
#1	162.5921	.0055598	.2228506	13.67534	.0662251	.0031768
#2	160.8541	.0038448	.2225174	13.46008	.0670714	.0030927
#3	160.0271	.0056042	.2231833	13.60246	.0675042	.0032073

Reviewed By:kareem
On:4/11/2025 10:25:08 AM
Inst Id :P4
LB :LB135373

Sample Name: Q1780-02 Acquired: 4/10/2025 17:09:32 Type: Unk
Method: NON EPA-6010-200.7(v2917) 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	-.002841	.1336294	F 15.04910	1.595884	4.671479	.0031000
Stddev	.000485	.0070911	.05475	.004301	.013159	.0008016
%RSD	17.06813	5.306510	.3638096	.2695173	.2816947	25.85701
#1	-.003282	.1258786	15.05623	1.591804	4.657494	.0022573
#2	-.002322	.1352184	15.09993	1.600377	4.683618	.0038528
#3	-.002919	.1397911	14.99113	1.595471	4.673324	.0031899

Elem	Sr4077
Units	ppm
Avg	.3887903
Stddev	.0015320
%RSD	.3940494
#1	.3876528
#2	.3881858
#3	.3905323

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2976.326	74962.21	15890.05	1991.843	4687.488
Stddev	5.710	58.31	77.23	5.262	9.776
%RSD	.1918346	.0777831	.4860496	.2641733	.2085624
#1	2982.815	74909.02	15977.40	1988.706	4697.746
#2	2974.088	74953.06	15861.93	1997.917	4686.438
#3	2972.074	75024.56	15830.81	1988.904	4678.278

Reviewed By:kareem
On:4/11/2025 10:25:08 AM
Inst Id :P4
LB :LB135373

Sample Name: Q1780-02DUP Acquired: 4/10/2025 17:13:53 Type: Unk
Method: NON EPA-6010-200.7(v2917) 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	-.000231	-.006935	.0255164	-.001666	.0024714	1.867514
Stddev	.003584	.001514	.0010531	.003665	.0022530	.002557
%RSD	1551.119	21.83744	4.127147	220.0270	91.16609	.1369019
#1	-.002936	-.005429	.0244694	.002436	.0047479	1.865954
#2	-.001590	-.008458	.0255043	-.004619	.0002426	1.870465
#3	.003833	-.006917	.0265755	-.002813	.0024235	1.866124

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0801006	.0001033	-.000744	93.53896	.0086969	.0029628
Stddev	.0004492	.0000233	.000069	.36037	.0001321	.0001369
%RSD	.5607467	22.55585	9.233934	.3852589	1.519205	4.621471
#1	.0800981	.0001174	-.000820	93.40099	.0088180	.0030466
#2	.0796528	.0001162	-.000686	93.26796	.0087168	.0028048
#3	.0805511	.0000764	-.000726	93.94793	.0085560	.0030369

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0179777	14.68827	.4043505	8.483834	.0161680	.0011761
Stddev	.0001400	.11115	.0004176	.055721	.0002444	.0000402
%RSD	.7787274	.7567058	.1032670	.6567896	1.511361	3.418826
#1	.0180997	14.78770	.4041248	8.490035	.0163958	.0011978
#2	.0178248	14.56828	.4048323	8.425273	.0159099	.0011297
#3	.0180085	14.70884	.4040943	8.536196	.0161984	.0012007

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	162.3788	.0046006	.2252809	13.42866	.0672755	.0033695
Stddev	2.7160	.0007354	.0025966	.08110	.0003832	.0001640
%RSD	1.672622	15.98522	1.152595	.6039606	.5696135	4.868232
#1	162.7217	.0037684	.2268325	13.49672	.0676848	.0032415
#2	159.5076	.0048701	.2222833	13.33892	.0669252	.0035544
#3	164.9070	.0051631	.2267270	13.45032	.0672165	.0033127

Reviewed By:kareem
On:4/11/2025 10:25:08 AM
Inst Id :P4
LB :LB135373

Sample Name: Q1780-02DUP Acquired: 4/10/2025 17:13:53 Type: Unk
Method: NON EPA-6010-200.7(v2917) 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	-.003228	.1351851	F 14.90913	1.569094	4.565893	.0023901
Stddev	.000244	.0005445	.12017	.003142	.010638	.0005422
%RSD	7.548472	.4028117	.8060484	.2002720	.2329854	22.68758
#1	-.002952	.1350975	14.98599	1.572246	4.553811	.0024583
#2	-.003318	.1346897	14.77064	1.565961	4.573856	.0018169
#3	-.003414	.1357682	14.97076	1.569075	4.570011	.0028950

Elem	Sr4077
Units	ppm
Avg	.3856575
Stddev	.0013532
%RSD	.3508906
#1	.3841156
#2	.3866482
#3	.3862086

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2966.303	73752.84	15536.93	1946.119	4711.895
Stddev	13.530	594.17	58.37	16.323	13.561
%RSD	.4561094	.8056293	.3756553	.8387692	.2878049
#1	2974.661	73221.66	15515.12	1932.090	4715.946
#2	2973.555	74394.50	15603.07	1964.035	4722.968
#3	2950.693	73642.34	15492.62	1942.232	4696.770

Reviewed By:kareem
On:4/11/2025 10:25:08 AM
Inst Id :P4
LB :LB135373

Sample Name: Q1780-02LX5 Acquired: 4/10/2025 17:18:13 Type: Unk
Method: NON EPA-6010-200.7(v2917) 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	.0000488	-.002974	.0040191	-.001209	.0019368	.3639103	.0064821
Stddev	.0025817	.001758	.0009160	.001851	.0013533	.0078498	.0002611
%RSD	5295.271	59.10696	22.79245	153.0957	69.87436	2.157079	4.028364
#1	.0010717	-.001453	.0033275	-.000013	.0004076	.3729641	.0067810
#2	.0019622	-.004898	.0050580	-.000273	.0029799	.3597593	.0062981
#3	-.002888	-.002570	.0036716	-.003341	.0024229	.3590074	.0063672

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000325	-.000311	19.39020	.0019304	.0005250	.0036207	2.959402
Stddev	.0000189	.000031	.05216	.0004600	.0001006	.0001723	.024299
%RSD	58.19061	9.881172	.2689986	23.83200	19.17083	4.758344	.8210933
#1	.0000297	-.000276	19.39502	.0014415	.0004583	.0035255	2.936426
#2	.0000152	-.000322	19.33579	.0019948	.0006407	.0035170	2.956943
#3	.0000527	-.000335	19.43978	.0023548	.0004758	.0038196	2.984838

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0803685	1.785978	.0035511	.0007784	31.23113	.0005041	.0451562
Stddev	.0007736	.010364	.0002223	.0001077	.08643	.0009254	.0004294
%RSD	.9625987	.5803193	6.260154	13.84094	.2767436	183.5827	.9509621
#1	.0810527	1.775893	.0037216	.0009003	31.18529	.0015664	.0452698
#2	.0795290	1.785438	.0036321	.0006958	31.33082	-.000127	.0446814
#3	.0805237	1.796601	.0032997	.0007392	31.17727	.000072	.0455174

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.361691	.0090050	.0003438	-.001310	.0257229	2.860866	.3152682
Stddev	.006835	.0001630	.0001352	.000599	.0022755	.013972	.0031307
%RSD	.2894002	1.810073	39.32846	45.72205	8.846127	.4883703	.9930229
#1	2.353904	.0091736	.0001992	-.001726	.0282559	2.863487	.3118603
#2	2.364477	.0088483	.0003650	-.000623	.0250609	2.873342	.3180166
#3	2.366693	.0089932	.0004672	-.001580	.0238518	2.845770	.3159277

Reviewed By:kareem
On:4/11/2025 10:25:08 AM
Inst Id :P4
LB :LB135373

Sample Name: Q1780-02LX5 Acquired: 4/10/2025 17:18:13 Type: Unk
Method: NON EPA-6010-200.7(v2917) 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	.9418781	-.000599	.0770752
Stddev	.0063032	.000951	.0000574
%RSD	.6692107	158.8730	.0744254
#1	.9346426	-.001659	.0770132
#2	.9461784	-.000316	.0771264
#3	.9448132	.000179	.0770861

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3130.070	76774.57	15511.78	2053.750	5108.140
Stddev	15.321	307.52	111.17	8.441	15.835
%RSD	.4894903	.4005535	.7166797	.4109876	.3099975
#1	3143.047	76650.09	15470.84	2058.489	5122.381
#2	3133.996	77124.82	15637.61	2058.756	5110.951
#3	3113.168	76548.81	15426.88	2044.004	5091.088

Reviewed By:kareem
On:4/11/2025 10:25:08 AM
Inst Id :P4
LB :LB135373

Sample Name: Q1780-02MS Acquired: 4/10/2025 17:22:30 Type: Unk
Method: NON EPA-6010-200.7(v2917) 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	.7783736	1.781272	.9041255	1.902424	.8191575	3.785525
Stddev	.0018205	.007856	.0031355	.006581	.0019946	.011653
%RSD	.2338904	.4410163	.3467995	.3459170	.2434900	.3078250
#1	.7766727	1.790300	.9048835	1.896742	.8198870	3.798108
#2	.7781542	1.775996	.9006805	1.909634	.8206846	3.775105
#3	.7802939	1.777520	.9068125	1.900895	.8169009	3.783364

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2538454	.1813291	.1821420	93.89135	.3979722	.1900544
Stddev	.0031307	.0003439	.0007245	.42547	.0020257	.0011145
%RSD	1.233325	.1896364	.3977480	.4531520	.5090065	.5864318
#1	.2508566	.1813328	.1822148	93.40681	.3998463	.1896700
#2	.2535786	.1816712	.1813839	94.06329	.3982474	.1891829
#3	.2571010	.1809835	.1828273	94.20394	.3958230	.1913102

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3097436	15.73630	.5839631	10.37250	.4884075	.0727751
Stddev	.0001452	.09870	.0049615	.02065	.0012002	.0001827
%RSD	.0468686	.6271818	.8496264	.1990942	.2457354	.2510862
#1	.3099111	15.63705	.5784807	10.35816	.4874245	.0729747
#2	.3096660	15.73740	.5852641	10.39617	.4880530	.0726162
#3	.3096537	15.83443	.5881445	10.36317	.4897450	.0727343

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	146.0998	.2847954	.4197768	21.47870	.3266782	.4202768
Stddev	1.5138	.0008881	.0016240	.12859	.0012038	.0005844
%RSD	1.036151	.3118331	.3868838	.5986911	.3684928	.1390455
#1	144.9044	.2844576	.4210902	21.38773	.3254305	.4208598
#2	145.5929	.2841258	.4179609	21.42254	.3267712	.4196910
#3	147.8020	.2858029	.4202794	21.62581	.3278327	.4202797

Reviewed By:kareem
On:4/11/2025 10:25:08 AM
Inst Id :P4
LB :LB135373

Sample Name: Q1780-02MS Acquired: 4/10/2025 17:22:30 Type: Unk
Method: NON EPA-6010-200.7(v2917) 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	.6477171	.3183509	F 14.00064	7.350869	4.521375	.1994748
Stddev	.0014789	.0067167	.02201	.011812	.006644	.0011681
%RSD	.2283181	2.109833	.1572358	.1606920	.1469419	.5855838
#1	.6475091	.3109876	14.01503	7.341114	4.517397	.1981438
#2	.6463532	.3241421	13.97529	7.347492	4.517682	.2003294
#3	.6492889	.3199229	14.01158	7.364002	4.529044	.1999511

Elem	Sr4077
Units	ppm
Avg	.5589139
Stddev	.0026927
%RSD	.4817810
#1	.5561972
#2	.5589624
#3	.5615820

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2976.628	73684.03	13559.61	1955.249	4690.544
Stddev	22.218	144.81	24.94	2.992	22.623
%RSD	.7464057	.1965231	.1839537	.1530052	.4823023
#1	2961.462	73547.15	13556.90	1957.191	4676.095
#2	2966.291	73835.64	13536.13	1956.752	4678.923
#3	3002.131	73669.29	13585.80	1951.804	4716.616

Reviewed By:kareem
On:4/11/2025 10:25:08 AM
Inst Id :P4
LB :LB135373

Sample Name: Q1780-02MSD Acquired: 4/10/2025 17:26:38 Type: Unk
Method: NON EPA-6010-200.7(v2917) 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	.7688239	1.747450	.8982494	1.877037	.8114362	3.743776
Stddev	.0096353	.014303	.0024060	.002242	.0019869	.022458
%RSD	1.253248	.8185068	.2678491	.1194309	.2448618	.5998734
#1	.7784459	1.737544	.8954986	1.875969	.8126623	3.766430
#2	.7591754	1.740959	.8992885	1.875528	.8125024	3.743380
#3	.7688503	1.763848	.8999612	1.879613	.8091438	3.721519

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2685671	.1654632	.1801319	94.67709	.3975560	.1887909
Stddev	.0007941	.0005923	.0003995	.22242	.0007531	.0004877
%RSD	.2956734	.3579862	.2218096	.2349221	.1894275	.2583364
#1	.2694025	.1650290	.1798310	94.50081	.3970379	.1883725
#2	.2678221	.1652227	.1799795	94.60349	.3984199	.1886736
#3	.2684767	.1661380	.1805853	94.92698	.3972102	.1893266

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3077010	17.51978	.5901761	10.28115	.4844051	.0727691
Stddev	.0005998	.01302	.0009013	.03690	.0012854	.0010555
%RSD	.1949413	.0742906	.1527115	.3589563	.2653493	1.450517
#1	.3079994	17.52580	.5892676	10.24445	.4841030	.0716648
#2	.3070105	17.52870	.5901907	10.28074	.4832977	.0728746
#3	.3080931	17.50485	.5910699	10.31825	.4858146	.0737680

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	158.5945	.2888961	.4234448	24.26403	.3048851	.4204350
Stddev	1.5819	.0017329	.0010482	.05537	.0013208	.0010801
%RSD	.9974672	.5998470	.2475463	.2282016	.4332259	.2569033
#1	160.2332	.2881006	.4246294	24.23698	.3047508	.4212491
#2	157.0763	.2908840	.4230675	24.32773	.3036365	.4192097
#3	158.4739	.2877038	.4226374	24.22739	.3062680	.4208463

Reviewed By:kareem
On:4/11/2025 10:25:08 AM
Inst Id :P4
LB :LB135373

Sample Name: Q1780-02MSD Acquired: 4/10/2025 17:26:38 Type: Unk
Method: NON EPA-6010-200.7(v2917) 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	.6419131	.3230233	F 15.37628	7.217365	4.436116	.2033968
Stddev	.0008757	.0063112	.06879	.061601	.020959	.0003219
%RSD	.1364244	1.953802	.4473881	.8535142	.4724616	.1582836
#1	.6410828	.3230742	15.45567	7.153751	4.414099	.2036819
#2	.6428281	.3293089	15.33443	7.221609	4.438422	.2030476
#3	.6418285	.3166868	15.33873	7.276734	4.455826	.2034610

Elem	Sr4077
Units	ppm
Avg	.5798633
Stddev	.0008336
%RSD	.1437544
#1	.5791588
#2	.5807835
#3	.5796475

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2994.770	73810.29	15066.92	1982.207	4718.864
Stddev	22.438	81.96	40.62	1.371	23.904
%RSD	.7492329	.1110363	.2695899	.0691906	.5065700
#1	2968.916	73716.67	15086.12	1981.157	4691.269
#2	3006.229	73845.09	15094.38	1983.758	4733.228
#3	3009.164	73869.10	15020.26	1981.704	4732.094

Reviewed By:kareem
On:4/11/2025 10:25:08 AM
Inst Id :P4
LB :LB135373

Sample Name: Q1780-02A Acquired: 4/10/2025 17:30:48 Type: Unk
Method: NON EPA-6010-200.7(v2917) 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	.7743341	1.771185	.8965975	1.902290	.8198247	3.727198
Stddev	.0029335	.018978	.0021334	.004677	.0026672	.017679
%RSD	.3788392	1.071478	.2379400	.2458650	.3253333	.4743236
#1	.7739799	1.781278	.8974668	1.904679	.8194289	3.747597
#2	.7715938	1.749293	.8941667	1.896901	.8173776	3.716322
#3	.7774286	1.782983	.8981589	1.905291	.8226677	3.717675

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2633218	.1669204	.1810300	93.82973	.3952475	.1899585
Stddev	.0004112	.0009730	.0005354	.16782	.0009519	.0000121
%RSD	.1561693	.5829222	.2957550	.1788543	.2408283	.0063692
#1	.2633520	.1677766	.1810714	93.74497	.3945281	.1899543
#2	.2628964	.1671222	.1804751	94.02303	.3963268	.1899722
#3	.2637172	.1658622	.1815435	93.72120	.3948875	.1899491

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3096764	17.04861	.5863301	10.18652	.4859220	.0719715
Stddev	.0001786	.08701	.0005170	.00784	.0012760	.0002213
%RSD	.0576678	.5103676	.0881704	.0770034	.2626020	.3075311
#1	.3095226	16.95377	.5869264	10.18402	.4861659	.0721177
#2	.3096343	17.12475	.5860555	10.18022	.4845416	.0720800
#3	.3098723	17.06731	.5860084	10.19530	.4870585	.0717169

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	156.9419	.2843988	.4208141	23.59994	.3054136	.4197634
Stddev	.8337	.0023622	.0004268	.05684	.0004394	.0010466
%RSD	.5311928	.8305894	.1014309	.2408409	.1438585	.2493280
#1	156.0658	.2864613	.4204849	23.53580	.3059153	.4209667
#2	157.0348	.2849133	.4212964	23.61995	.3050970	.4192597
#3	157.7253	.2818217	.4206611	23.64407	.3052286	.4190640

Reviewed By:kareem
On:4/11/2025 10:25:08 AM
Inst Id :P4
LB :LB135373

Sample Name: Q1780-02A Acquired: 4/10/2025 17:30:48 Type: Unk
Method: NON EPA-6010-200.7(v2917) 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	.6450575	.3124806	F 15.04654	7.418416	4.559137	.2019356
Stddev	.0025494	.0002205	.01186	.043708	.019580	.0004520
%RSD	.3952218	.0705734	.0788271	.5891784	.4294579	.2238201
#1	.6450057	.3126926	15.03608	7.442296	4.573886	.2020311
#2	.6425345	.3124970	15.05943	7.367970	4.536923	.2014436
#3	.6476325	.3122524	15.04411	7.444981	4.566600	.2023323

Elem	Sr4077
Units	ppm
Avg	.5739677
Stddev	.0007801
%RSD	.1359112
#1	.5732289
#2	.5747834
#3	.5738909

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2961.492	73653.54	14757.35	1961.349	4659.939
Stddev	4.848	285.83	26.05	14.909	9.944
%RSD	.1637154	.3880723	.1765445	.7601657	.2133866
#1	2957.715	73967.69	14743.33	1977.058	4651.698
#2	2966.960	73408.83	14741.31	1947.394	4670.983
#3	2959.802	73584.10	14787.41	1959.594	4657.135

Reviewed By:kareem
On:4/11/2025 10:25:08 AM
Inst Id :P4
LB :LB135373

Sample Name: SOIL MDL-5 Acquired: 4/10/2025 17:34:56 Type: Unk
Method: NON EPA-6010-200.7(v2917) 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	.0055670	.0077178	.0020699	.0014118	.0137871	.0286700	.0120505
Stddev	.0016856	.0000898	.0003394	.0025435	.0010232	.0031025	.0008646
%RSD	30.27863	1.163327	16.39893	180.1621	7.421663	10.82131	7.174751
#1	.0036345	.0076730	.0017628	.0043443	.0148996	.0274427	.0119661
#2	.0067345	.0078211	.0020124	.0000872	.0128864	.0263688	.0112313
#3	.0063319	.0076591	.0024344	-.000196	.0135752	.0321983	.0129543

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0014336	.0013037	.4653899	.0020433	.0070341	.0056550	.0280391
Stddev	.0000096	.0001072	.0054171	.0001875	.0000891	.0002465	.0022740
%RSD	.6701843	8.223388	1.163996	9.174778	1.266957	4.359009	8.110229
#1	.0014446	.0012862	.4704868	.0018551	.0069447	.0053723	.0278439
#2	.0014286	.0014186	.4659818	.0020449	.0070347	.0058249	.0258690
#3	.0014274	.0012063	.4597012	.0022300	.0071229	.0057678	.0304045

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000140	.5075543	.0094568	.0035996	.3797858	.0087063	.0096505
Stddev	.000489	.0031109	.0002237	.0001402	.0080147	.0014919	.0003633
%RSD	349.1991	.6129298	2.365802	3.894039	2.110325	17.13541	3.764827
#1	.000369	.5083631	.0095535	.0035515	.3705408	.0080337	.0093458
#2	-.000183	.5041188	.0092010	.0034897	.3840433	.0076692	.0095532
#3	-.000607	.5101809	.0096159	.0037574	.3847732	.0104161	.0100526

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3692640	.0171233	.0525872	.0090837	.0111097	.1042414	.0038124
Stddev	.0305031	.0009320	.0003877	.0006492	.0003678	.0009655	.0016861
%RSD	8.260515	5.442686	.7372528	7.147240	3.311003	.9262001	44.22671
#1	.3667914	.0173556	.0528374	.0091464	.0106881	.1035083	.0039593
#2	.4009282	.0160971	.0521406	.0084053	.0113657	.1053353	.0054203
#3	.3400725	.0179171	.0527837	.0096992	.0112752	.1038806	.0020577

Reviewed By:kareem
On:4/11/2025 10:25:08 AM
Inst Id :P4
LB :LB135373

Sample Name: SOIL MDL-5 Acquired: 4/10/2025 17:34:56 Type: Unk
Method: NON EPA-6010-200.7(v2917) 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	.0104516	.0037148	.0043803
Stddev	.0008567	.0015717	.0000395
%RSD	8.196566	42.30998	.9028604
#1	.0098310	.0026796	.0043377
#2	.0114290	.0055233	.0043876
#3	.0100949	.0029413	.0044158

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3258.909	79217.12	14686.36	2124.785	5436.227
Stddev	12.875	212.64	8.01	8.418	19.486
%RSD	.3950573	.2684309	.0545176	.3961917	.3584488
#1	3247.121	79309.55	14680.00	2133.950	5417.547
#2	3272.647	78973.91	14695.35	2117.396	5456.430
#3	3256.959	79367.91	14683.73	2123.010	5434.703

Reviewed By:kareem
On:4/11/2025 10:25:08 AM
Inst Id :P4
LB :LB135373

Sample Name: PB167554BL Acquired: 4/10/2025 17:39:16 Type: Unk
Method: NON EPA-6010-200.7(v2917) 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	-.000419	-.002293	-.000568	-.002901	-.000495	.0014643	-.010964
Stddev	.001251	.000613	.000574	.000481	.000694	.0033684	.000624
%RSD	298.7952	26.74854	101.1695	16.56426	140.0993	230.0272	5.688535
#1	-.001151	-.001827	.000005	-.003085	-.000783	.0028346	-.010791
#2	-.001131	-.002988	-.000565	-.003262	.000296	.0039316	-.010445
#3	.001026	-.002064	-.001144	-.002356	-.000998	-.002373	-.011656

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000604	-.000117	-.023595	.0000114	-.000209	-.000205	-.006647
Stddev	.0000202	.000055	.002668	.0002729	.000071	.000511	.001059
%RSD	33.45410	46.96282	11.30835	2389.341	33.90695	248.8061	15.93529
#1	.0000394	-.000141	-.020525	-.000284	-.000220	.000377	-.005957
#2	.0000620	-.000054	-.025354	.000254	-.000134	-.000417	-.007867
#3	.0000798	-.000156	-.024907	.000065	-.000274	-.000577	-.006117

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.005304	-.012048	-.000353	.0009050	-.220600	-.001128	-.001947
Stddev	.000189	.009169	.000257	.0000727	.003385	.000790	.000076
%RSD	3.570317	76.10294	72.74804	8.033653	1.534501	69.97516	3.903826
#1	-.005518	-.022565	-.000611	.0009614	-.224006	-.000545	-.001997
#2	-.005156	-.005727	-.000097	.0008230	-.220556	-.002027	-.001984
#3	-.005240	-.007853	-.000352	.0009307	-.217237	-.000813	-.001859

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.122735	-.007295	-.000502	-.000283	.0015630	.0061730	-.003774
Stddev	.012923	.000594	.000023	.000248	.0004801	.0050544	.002160
%RSD	10.52953	8.144532	4.550223	87.67971	30.71420	81.88017	57.23647
#1	-.133493	-.007964	-.000525	-.000545	.0019576	.0003899	-.004155
#2	-.126312	-.007097	-.000500	-.000051	.0010285	.0083829	-.005719
#3	-.108399	-.006826	-.000480	-.000253	.0017030	.0097461	-.001449

Reviewed By:kareem
On:4/11/2025 10:25:08 AM
Inst Id :P4
LB :LB135373

Sample Name: PB167554BL Acquired: 4/10/2025 17:39:16 Type: Unk
Method: NON EPA-6010-200.7(v2917) 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	.0019005	-.003949	-.000384
Stddev	.0018886	.001494	.000030
%RSD	99.37680	37.84146	7.858884
#1	.0007220	-.002368	-.000407
#2	.0040788	-.005339	-.000350
#3	.0009006	-.004139	-.000395

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3210.131	77481.25	14123.41	2086.392	5375.870
Stddev	5.960	223.16	61.03	15.358	13.774
%RSD	.1856726	.2880231	.4320845	.7361185	.2562226
#1	3211.684	77673.37	14069.23	2104.115	5385.965
#2	3215.160	77533.92	14111.47	2078.063	5381.467
#3	3203.547	77236.46	14189.52	2076.997	5360.178

Reviewed By:kareem
On:4/11/2025 10:25:08 AM
Inst Id :P4
LB :LB135373

Sample Name: PB167554BS Acquired: 4/10/2025 17:43:35 Type: Unk
Method: NON EPA-6010-200.7(v2917) 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	.7426763	1.877368	.8960891	1.895875	.7774065	1.811402
Stddev	.0047833	.016813	.0023223	.006321	.0023240	.013574
%RSD	.6440634	.8955397	.2591592	.3334232	.2989382	.7493545
#1	.7431474	1.862135	.8959048	1.893778	.7755908	1.820985
#2	.7472066	1.895407	.8938645	1.902979	.7766032	1.795869
#3	.7376748	1.874562	.8984981	1.890869	.7800256	1.817353

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .1639992	.1772460	.1803204	.9032919	.3815674	.1828458
Stddev	.0010743	.0012822	.0003874	.0084609	.0000650	.0007939
%RSD	.6550481	.7233958	.2148417	.9366738	.0170328	.4342183
#1	.1651759	.1757709	.1799754	.8936771	.3815305	.1819328
#2	.1630709	.1778735	.1802462	.9096005	.3816425	.1832303
#3	.1637507	.1780935	.1807395	.9065980	.3815293	.1833743

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2958616	2.746436	.1755574	1.796045	.4654734	.0707559
Stddev	.0006693	.019387	.0005503	.030002	.0010559	.0002241
%RSD	.2262288	.7058808	.3134824	1.670463	.2268446	.3167353
#1	.2963918	2.768810	.1761929	1.810213	.4650601	.0706591
#2	.2951096	2.735873	.1752480	1.761582	.4646866	.0705965
#3	.2960836	2.734625	.1752315	1.816339	.4666734	.0710122

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.561057	.2692628	.1926038	8.774481	.2637743	.3859323
Stddev	.030762	.0011570	.0010172	.093715	.0022931	.0011603
%RSD	1.201150	.4296793	.5281349	1.068037	.8693518	.3006453
#1	2.593714	.2684460	.1927449	8.878841	.2611591	.3859935
#2	2.532627	.2687558	.1935432	8.747084	.2647228	.3847426
#3	2.556829	.2705868	.1915235	8.697519	.2654410	.3870607

Reviewed By:kareem
On:4/11/2025 10:25:08 AM
Inst Id :P4
LB :LB135373

Sample Name: PB167554BS Acquired: 4/10/2025 17:43:35 Type: Unk
Method: NON EPA-6010-200.7(v2917) 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	.6355101	.1797376	F .7518060	5.492204	F -.006710	.1792328
Stddev	.0015866	.0006501	.0038796	.020495	.000330	.0013334
%RSD	.2496549	.3616940	.5160317	.3731567	4.922044	.7439353
#1	.6337863	.1804686	.7547602	5.468588	-.006439	.1807719
#2	.6369092	.1792243	.7474125	5.502685	-.006613	.1784999
#3	.6358349	.1795199	.7532452	5.505338	-.007078	.1784266

Elem	Sr4077
Units	ppm
Avg	.1780697
Stddev	.0007734
%RSD	.4342993
#1	.1789612
#2	.1775790
#3	.1776689

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3225.450	78780.13	14201.36	2137.582	5238.296
Stddev	2.138	122.81	93.17	9.180	1.829
%RSD	.0662916	.1558927	.6560636	.4294771	.0349183
#1	3223.370	78644.59	14308.86	2127.127	5239.725
#2	3225.337	78884.01	14143.90	2144.325	5236.234
#3	3227.642	78811.80	14151.33	2141.294	5238.927

Reviewed By:kareem
On:4/11/2025 10:25:08 AM
Inst Id :P4
LB :LB135373

Sample Name: CCV08 Acquired: 4/10/2025 17:56:40 Type: Unk
Method: NON EPA-6010-200.7(v2904) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV08 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.886601	4.871786	4.739570	4.975057	5.062344	10.14301
Stddev	.011337	.016233	.004994	.016276	.014889	.24600
%RSD	.2320024	.3331998	.1053664	.3271579	.2941190	2.425307
#1	4.884504	4.862594	4.738663	4.974919	5.050574	10.34482
#2	4.876459	4.862235	4.735091	4.958850	5.057374	10.21522
#3	4.898840	4.890529	4.744955	4.991401	5.079082	9.86899

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.471310	.2330354	2.357105	23.86373	1.026133	2.464132
Stddev	.126674	.0040982	.002512	.43446	.002580	.003244
%RSD	1.337446	1.758610	.1065760	1.820594	.2514494	.1316655
#1	9.545882	.2360747	2.354270	24.20441	1.027857	2.461555
#2	9.542999	.2346571	2.357994	24.01232	1.023167	2.463065
#3	9.325049	.2283746	2.359053	23.37447	1.027376	2.467775

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.284879	5.025078	2.327836	24.26130	2.497462	1.263858
Stddev	.003172	.045773	.043651	.47963	.003589	.002482
%RSD	.2468952	.9108926	1.875169	1.976933	.1436963	.1963618
#1	1.285324	5.072844	2.358900	24.70257	2.493320	1.266250
#2	1.281507	5.020793	2.346679	24.33051	2.499638	1.264029
#3	1.287805	4.981599	2.277929	23.75083	2.499429	1.261295

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	26.27594	2.414985	2.548627	25.12851	4.689674	4.991639
Stddev	.03774	.034530	.011007	.04415	.088665	.010711
%RSD	.1436132	1.429836	.4318839	.1757099	1.890647	.2145735
#1	26.30908	2.440409	2.561308	25.16780	4.754929	4.987130
#2	26.23487	2.428873	2.541546	25.08073	4.725369	4.983920
#3	26.28386	2.375673	2.543028	25.13699	4.588725	5.003867

Reviewed By:kareem
On:4/11/2025 10:25:08 AM
Inst Id :P4
LB :LB135373

Sample Name: CCV08 Acquired: 4/10/2025 17:56:40 Type: Unk
Method: NON EPA-6010-200.7(v2904) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV08 Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.810762	4.619296	F 6.049095	5.028366	4.743979	4.613389
Stddev	.008851	.080327	.022947	.013255	.001289	.072363
%RSD	.1839905	1.738952	.3793497	.2635959	.0271744	1.568550
#1	4.801090	4.681630	6.038813	5.035802	4.742603	4.668098
#2	4.812738	4.647614	6.033087	5.013063	4.744175	4.640731
#3	4.818459	4.528645	6.075385	5.036232	4.745159	4.531339

Elem	Sr4077
Units	ppm
Avg	4.605377
Stddev	.103561
%RSD	2.248703
#1	4.657455
#2	4.672562
#3	4.486113

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3095.032	74637.41	14005.00	2009.866	4821.347
Stddev	11.893	136.46	244.57	9.091	16.474
%RSD	.3842566	.1828345	1.746313	.4523292	.3416936
#1	3098.804	74490.66	13814.75	2003.234	4830.895
#2	3104.580	74760.49	13919.38	2020.229	4830.821
#3	3081.710	74661.08	14280.87	2006.134	4802.324

Reviewed By:kareem
On:4/11/2025 10:25:08 AM
Inst Id :P4
LB :LB135373

Sample Name: CCB08 Acquired: 4/10/2025 18:00:48 Type: Unk
Method: NON EPA-6010-200.7(v2904) 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	.0003571	-.001962	-.000539	-.002426	-.000051	.0049162	-.009184
Stddev	.0011269	.000417	.000544	.001107	.001025	.0103767	.000795
%RSD	315.5449	21.27973	100.9390	45.64457	2013.891	211.0726	8.654441
#1	-.000466	-.001591	-.000179	-.003694	.001131	-.001068	-.009332
#2	.001642	-.001880	-.001165	-.001651	-.000709	-.001082	-.008325
#3	-.000105	-.002414	-.000273	-.001933	-.000575	.016898	-.009894

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000304	.0000399	-.014995	-.000251	-.000141	-.000288	-.002361
Stddev	.0000279	.0000770	.002140	.000190	.000044	.000242	.003596
%RSD	91.58680	192.9728	14.26941	75.77320	31.17838	84.06606	152.2841
#1	.0000626	.0000981	-.015306	-.000402	-.000140	-.000566	.000704
#2	.0000143	-.000047	-.016962	-.000314	-.000097	-.000172	-.006320
#3	.0000144	.000069	-.012716	-.000037	-.000184	-.000126	-.001469

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.005180	-.010764	-.000153	.0009207	-.286946	-.002389	-.001772
Stddev	.000195	.007636	.000146	.0000669	.008548	.000935	.000058
%RSD	3.768011	70.93956	95.51447	7.264597	2.979104	39.15491	3.267476
#1	-.005397	-.019558	-.000228	.0008440	-.295821	-.001901	-.001760
#2	-.005125	-.005803	-.000247	.0009667	-.278766	-.001798	-.001721
#3	-.005018	-.006933	.000015	.0009515	-.286250	-.003467	-.001835

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.206899	-.001885	.0003659	-.000002	.0013702	.0084823	-.005021
Stddev	.012435	.000149	.0000571	.000730	.0004189	.0044737	.003101
%RSD	6.010250	7.899183	15.60264	29301.04	30.57012	52.74073	61.76548
#1	-.219423	-.002036	.0003258	.000089	.0017863	.0121492	-.002452
#2	-.194554	-.001879	.0003406	-.000774	.0009486	.0034979	-.008466
#3	-.206720	-.001739	.0004313	.000677	.0013757	.0098000	-.004146

Reviewed By:kareem
On:4/11/2025 10:25:08 AM
Inst Id :P4
LB :LB135373

Sample Name: CCB08 Acquired: 4/10/2025 18:00:48 Type: Unk
Method: NON EPA-6010-200.7(v2904) 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	-.000060	-.004357	-.000132
Stddev	.001775	.000968	.000069
%RSD	2965.001	22.21732	52.23155
#1	.001532	-.003356	-.000123
#2	-.001973	-.004428	-.000205
#3	.000262	-.005288	-.000068

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3246.693	78262.84	16104.64	2114.489	5430.726
Stddev	2.540	132.30	105.92	12.862	4.545
%RSD	.0782226	.1690453	.6577109	.6082873	.0836921
#1	3247.898	78159.45	16024.58	2107.793	5431.545
#2	3248.405	78411.93	16064.59	2129.317	5434.806
#3	3243.775	78217.14	16224.75	2106.356	5425.827

Reviewed By:kareem
On:4/11/2025 10:25:08 AM
Inst Id :P4
LB :LB135373

Sample Name: LR1 Acquired: 4/10/2025 18:05:04 Type: Unk
Method: NON EPA-6010-200.7(v2918) 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	.0750164	.0936123	6.009374	-.000295	.0034484	1895.656	.0900504
Stddev	.0113373	.0111121	.015575	.012884	.0088513	23.146	.0003968
%RSD	15.11306	11.87032	.2591805	4370.660	256.6836	1.220987	.4406135
#1	.0879649	.0811985	5.995821	.013712	.0112760	1883.423	.0896343
#2	.0668726	.0970084	6.026389	-.011641	-.006157	1922.351	.0900924
#3	.0702119	.1026301	6.005912	-.002955	.005226	1881.194	.0904245

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0055579	-.042490	1639.112	.0214786	.0221693	-.097351	1092.438
Stddev	.0001254	.001768	12.566	.0002472	.0008427	.003670	7.729
%RSD	2.256026	4.160765	.7666366	1.151052	3.801276	3.769583	.7074570
#1	.0054588	-.044324	1624.710	.0217574	.0213711	-.101123	1100.276
#2	.0056989	-.042349	1644.779	.0213926	.0230504	-.097137	1092.215
#3	.0055161	-.040797	1647.846	.0212859	.0220863	-.093793	1084.823

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.076314	1813.668	.0163136	.0610655	1937.875	.0114768	.3845696
Stddev	.000550	38.252	.0008234	.0012560	33.034	.0000996	.0047108
%RSD	.7212408	2.109086	5.047146	2.056776	1.704666	.8674822	1.224960
#1	-.076439	1857.827	.0170341	.0620720	1970.912	.0115766	.3802564
#2	-.076791	1792.410	.0164906	.0614665	1937.869	.0113775	.3895966
#3	-.075712	1790.766	.0154162	.0596580	1904.844	.0114761	.3838558

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1215.072	1.815307	-.007446	-.009144	-.033482	.2082371	.0650745
Stddev	3.149	.023833	.000789	.004313	.000642	.0086712	.0069311
%RSD	.2591841	1.312892	10.59903	47.16534	1.917298	4.164103	10.65099
#1	1218.527	1.841056	-.007545	-.011947	-.033070	.2181923	.0686024
#2	1214.327	1.810845	-.006612	-.011307	-.033153	.2041871	.0570891
#3	1212.362	1.794021	-.008181	-.004178	-.034221	.2023319	.0695318

Reviewed By:kareem
On:4/11/2025 10:25:08 AM
Inst Id :P4
LB :LB135373

Sample Name: LR1 Acquired: 4/10/2025 18:05:04 Type: Unk
Method: NON EPA-6010-200.7(v2918) 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	-.228560	.1820174	.0103018
Stddev	.017803	.0060066	.0000612
%RSD	7.789046	3.300002	.5939535
#1	-.249088	.1883523	.0103689
#2	-.219235	.1812955	.0102491
#3	-.217356	.1764044	.0102873

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2246.588	54472.37	12506.50	1461.509	2939.809
Stddev	10.035	334.72	36.89	9.121	6.061
%RSD	.4466677	.6144731	.2949631	.6240922	.2061726
#1	2243.915	54088.91	12548.17	1451.010	2941.494
#2	2257.688	54622.26	12493.34	1467.475	2944.849
#3	2238.160	54705.96	12478.00	1466.043	2933.084

Reviewed By:kareem
On:4/11/2025 10:25:08 AM
Inst Id :P4
LB :LB135373

Sample Name: LR2 Acquired: 4/10/2025 18:10:01 Type: Unk
Method: NON EPA-6010-200.7(v2918) 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	.0091964	-.020949	225.6856	.0012375	-.009396	.1755365	108.6091
Stddev	.0026873	.001577	.5597	.0007503	.002867	.0069980	.3359
%RSD	29.22180	7.527519	.2480156	60.63092	30.51651	3.986639	.3092504
#1	.0089470	-.021340	226.2080	.0005749	-.012687	.1676646	108.6545
#2	.0066424	-.019213	225.0948	.0020521	-.008067	.1810526	108.9200
#3	.0119997	-.022293	225.7539	.0010854	-.007435	.1778923	108.2529

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001768	-.003469	.2288537	.0099243	-.000179	237.8426	.0680672
Stddev	.000045	.000117	.0098237	.0000634	.000301	.6263	.0042982
%RSD	2.539235	3.377019	4.292568	.6392518	168.7087	.2633431	6.314702
#1	-.001716	-.003553	.2236040	.0099190	-.000525	237.9862	.0636313
#2	-.001792	-.003336	.2401869	.0098637	-.000029	237.1569	.0722131
#3	-.001795	-.003519	.2227702	.0099902	.000019	238.3847	.0683572

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	41.94433	.0274686	51.81543	.0014011	-.021559	-.011208	32.49553
Stddev	.17307	.0181246	.13676	.0002154	.013584	.001185	.17509
%RSD	.4126250	65.98293	.2639434	15.37637	63.00878	10.57482	.5388134
#1	42.14397	.0204869	51.95064	.0012475	-.014005	-.012216	32.29364
#2	41.83666	.0138732	51.67717	.0016473	-.013431	-.009902	32.60576
#3	41.85237	.0480458	51.81848	.0013084	-.037241	-.011505	32.58719

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.241797	-.006048	-.005146	-.005380	-.037341	-.005672	-.071482
Stddev	.028909	.001171	.000250	.000439	.000596	.003026	.002592
%RSD	11.95573	19.36351	4.859104	8.154083	1.594827	53.34174	3.625396
#1	-.209550	-.005904	-.005352	-.005837	-.036730	-.008834	-.069152
#2	-.265391	-.004956	-.004868	-.005342	-.037920	-.002805	-.074274
#3	-.250451	-.007285	-.005218	-.004962	-.037374	-.005377	-.071021

Reviewed By:kareem
On:4/11/2025 10:25:08 AM
Inst Id :P4
LB :LB135373

Sample Name: LR2 Acquired: 4/10/2025 18:10:01 Type: Unk
Method: NON EPA-6010-200.7(v2918) 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	-.022473	-.003825	.0011278
Stddev	.001846	.000790	.0000113
%RSD	8.214558	20.66249	.9971551
#1	-.023495	-.003730	.0011149
#2	-.020342	-.003087	.0011355
#3	-.023582	-.004659	.0011330

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2993.094	79086.30	14878.32	2102.104	5130.747
Stddev	7.514	288.17	67.51	13.533	16.776
%RSD	.2510431	.3643725	.4537733	.6438071	.3269605
#1	2997.562	79210.26	14824.91	2115.475	5128.599
#2	2997.300	79291.75	14855.84	2102.423	5148.493
#3	2984.419	78756.90	14954.20	2088.414	5115.149

Reviewed By:kareem
On:4/11/2025 10:25:08 AM
Inst Id :P4
LB :LB135373

Sample Name: CCV09 Acquired: 4/10/2025 18:19:00 Type: Unk
Method: NON EPA-6010-200.7(v2919) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV09 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.852810	4.700917	4.715700	4.931389	5.050058	9.967390
Stddev	.023845	.095977	.018259	.042591	.023915	.047882
%RSD	.4913605	2.041671	.3871906	.8636672	.4735600	.4803842
#1	4.830127	4.598074	4.713702	4.889011	5.027358	10.01432
#2	4.850633	4.716575	4.698523	4.930966	5.047791	9.96924
#3	4.877668	4.788103	4.734876	4.974190	5.075026	9.91861

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.733897	.2470464	2.345795	23.85626	1.003182	2.464752
Stddev	.081614	.0009445	.007310	.14900	.002383	.007242
%RSD	.8384500	.3823269	.3116305	.6245611	.2375310	.2938133
#1	9.827290	.2476887	2.345429	24.00148	1.001065	2.462210
#2	9.676287	.2474886	2.338674	23.86353	1.005763	2.459125
#3	9.698114	.2459619	2.353281	23.70375	1.002717	2.472922

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.286464	5.132700	2.353130	23.92282	2.484635	1.241408
Stddev	.003199	.033228	.013395	.15017	.006953	.002440
%RSD	.2486439	.6473752	.5692408	.6277240	.2798209	.1965753
#1	1.283247	5.159972	2.364787	24.08297	2.483206	1.239258
#2	1.286502	5.142436	2.356105	23.90030	2.478508	1.244060
#3	1.289644	5.095691	2.338498	23.78518	2.492191	1.240907

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	27.40867	2.445768	2.500483	26.35471	F 4.447086	4.990387
Stddev	.07482	.016147	.006879	.08099	.015058	.026684
%RSD	.2729742	.6602059	.2751022	.3073254	.3385930	.5347124
#1	27.36539	2.460808	2.503633	26.37313	4.457238	4.966616
#2	27.49506	2.447789	2.505224	26.42490	4.454235	4.985296
#3	27.36556	2.428705	2.492594	26.26609	4.429786	5.019250

Reviewed By:kareem
On:4/11/2025 10:25:08 AM
Inst Id :P4
LB :LB135373

Sample Name: CCV09 Acquired: 4/10/2025 18:19:00 Type: Unk
Method: NON EPA-6010-200.7(v2919) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV09 Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.766041	4.710004	F 6.239858	4.867978	4.666624	4.704433
Stddev	.023781	.030962	.037556	.019693	.038511	.028542
%RSD	.4989721	.6573638	.6018682	.4045487	.8252484	.6066959
#1	4.750730	4.730197	6.200124	4.848372	4.626178	4.716090
#2	4.753954	4.725459	6.274770	4.867806	4.670838	4.725301
#3	4.793438	4.674357	6.244680	4.887757	4.702854	4.671908

Elem	Sr4077
Units	ppm
Avg	4.804953
Stddev	.065501
%RSD	1.363195
#1	4.879244
#2	4.780098
#3	4.755518

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3113.540	77085.79	14911.04	2033.785	4862.730
Stddev	9.462	126.89	83.60	11.400	15.441
%RSD	.3039141	.1646081	.5606876	.5605092	.3175409
#1	3122.959	77077.62	14835.44	2021.487	4875.909
#2	3113.625	76963.18	14896.85	2035.871	4866.542
#3	3104.035	77216.57	15000.83	2043.997	4845.740

Reviewed By:kareem
On:4/11/2025 10:25:08 AM
Inst Id :P4
LB :LB135373

Sample Name: CCB09 Acquired: 4/10/2025 18:23:11 Type: Unk
Method: NON EPA-6010-200.7(v2919) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB09 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001840	-.000900	-.000046	-.001406	.0008344	-.000491	-.011584
Stddev	.001190	.000498	.000410	.000646	.0009702	.001459	.000531
%RSD	64.66233	55.35064	888.2593	45.92328	116.2767	297.1636	4.582042
#1	-.001612	-.000449	-.000213	-.000869	.0019482	-.000227	-.012096
#2	-.000781	-.000818	.000421	-.001228	.0001723	.000818	-.011620
#3	-.003128	-.001435	-.000346	-.002122	.0003828	-.002064	-.011036

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000397	-.000022	-.020182	-.000341	-.000127	.0001567	-.006088
Stddev	.0000491	.000050	.003721	.000317	.000052	.0006657	.001501
%RSD	123.7731	223.3618	18.43609	92.99601	41.10895	424.9480	24.65613
#1	-.000016	-.000063	-.024474	-.000354	-.000068	-.000456	-.004363
#2	.000058	-.000036	-.018189	-.000652	-.000142	.000865	-.007096
#3	.000077	.000033	-.017882	-.000018	-.000169	.000061	-.006804

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.005132	-.012159	-.000082	.0008040	-.128593	-.001859	-.001996
Stddev	.000107	.006301	.000196	.0002338	.011572	.001084	.000207
%RSD	2.093343	51.82428	239.2836	29.08726	8.999085	58.32046	10.37645
#1	-.005179	-.009008	-.000109	.0009881	-.141549	-.001869	-.002225
#2	-.005010	-.019415	.000126	.0008829	-.124949	-.002938	-.001941
#3	-.005208	-.008055	-.000263	.0005408	-.119282	-.000770	-.001822

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.205817	-.002281	-.000001	-.000083	.0018275	.0085177	-.001236
Stddev	.001123	.000448	.000250	.000255	.0002444	.0042490	.000598
%RSD	.5454588	19.66436	35032.77	304.9466	13.37562	49.88383	48.39921
#1	-.205833	-.001808	.000222	-.000345	.0018638	.0096392	-.000952
#2	-.206931	-.002700	.000048	.000164	.0015669	.0120936	-.001923
#3	-.204686	-.002334	-.000271	-.000070	.0020517	.0038205	-.000832

Reviewed By:kareem
On:4/11/2025 10:25:08 AM
Inst Id :P4
LB :LB135373

Sample Name: CCB09 Acquired: 4/10/2025 18:23:11 Type: Unk
Method: NON EPA-6010-200.7(v2919) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB09 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.003739	-.002793	-.000234
Stddev	.001409	.000656	.000051
%RSD	37.69283	23.47127	21.63749
#1	-.002416	-.002996	-.000291
#2	-.003579	-.002060	-.000193
#3	-.005221	-.003324	-.000218

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3238.599	79326.31	14670.15	2131.595	5423.931
Stddev	15.902	259.35	31.42	8.166	21.385
%RSD	.4910215	.3269385	.2141886	.3830789	.3942638
#1	3250.967	79106.94	14700.46	2124.377	5441.215
#2	3244.169	79612.54	14672.27	2140.458	5430.562
#3	3220.661	79259.44	14637.72	2129.950	5400.016