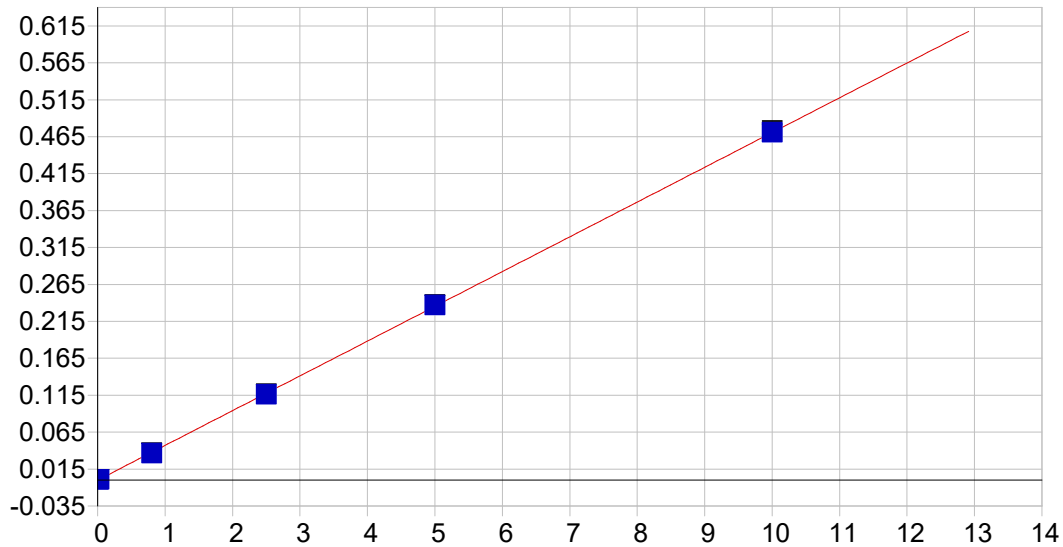
Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035



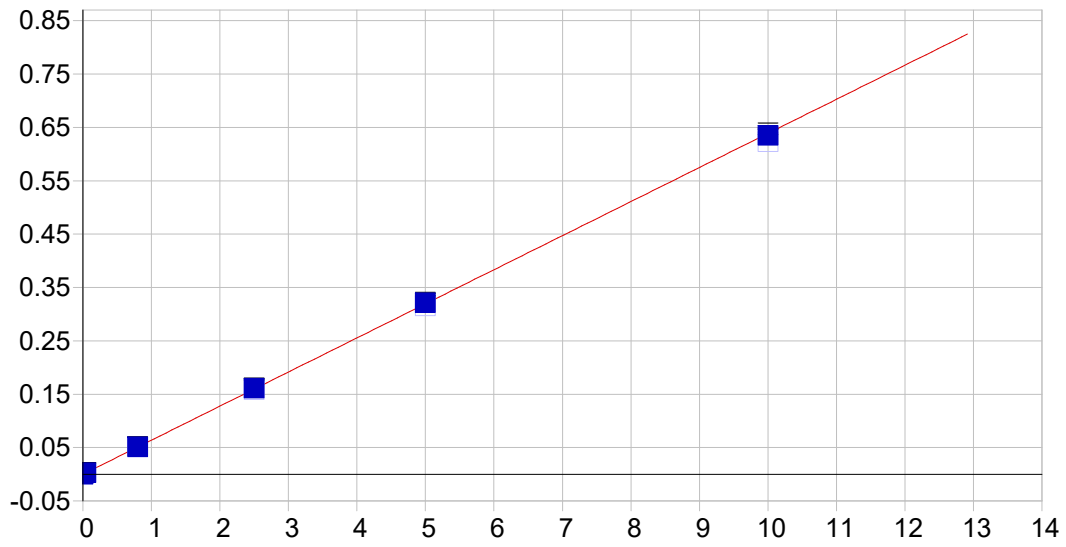
As 189.042 {479}

Date of Fit:	3/13/2025 17:29:47	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000062	Re-Slope:	1.000000
A1 (Gain):	0.047066	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999971	Status:	OK.
Std Error of Est:	0.000008		
Predicted MDL:	0.002559		
Predicted MQL:	0.008529		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00006	.000	1
S1	.02000	.02051	.001	2.56	.00090	.000	1
S3	2.5000	2.4746	-.025	-1.02	.11628	.000	1
S4	5.0000	5.0378	.038	.756	.23679	.000	1
S5	10.000	10.007	.007	.073	.47043	.002	1
S2	.80000	.77984	-.020	-2.52	.03660	.000	1

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035



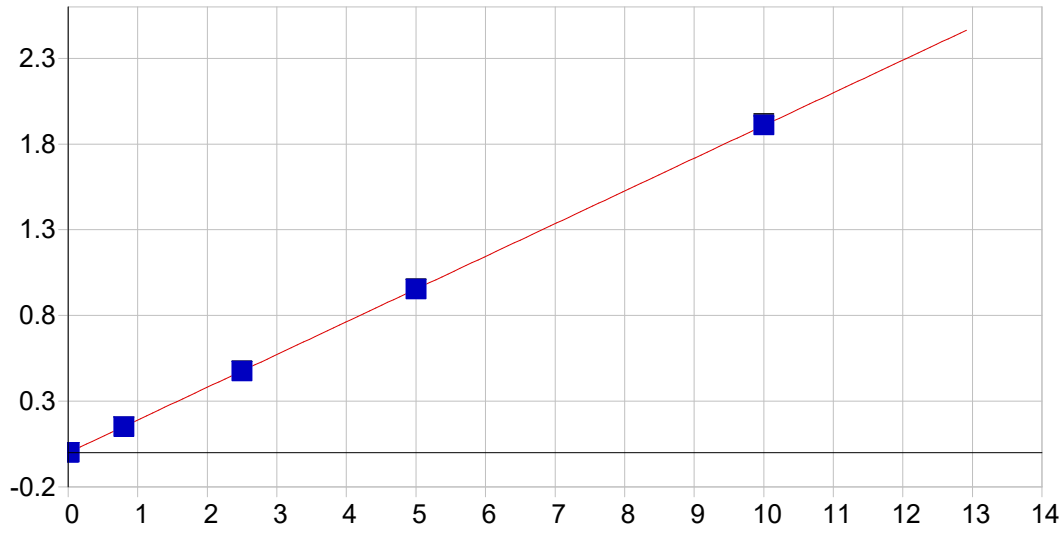
Tl 190.856 {477}

Date of Fit:	3/13/2025 17:29:47	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000134	Re-Slope:	1.000000
A1 (Gain):	0.063892	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999972	Status:	OK.
Std Error of Est:	0.000015		
Predicted MDL:	0.001733		
Predicted MQL:	0.005776		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00013	.000	1
S1	.04000	.04260	.003	6.51	.00242	.000	1
S3	2.5000	2.5244	.024	.976	.15821	.001	1
S4	5.0000	5.0294	.029	.589	.31532	.001	1
S5	10.000	9.9390	-.061	-.610	.62312	.005	1
S2	.80000	.80468	.005	.585	.05034	.000	1

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035



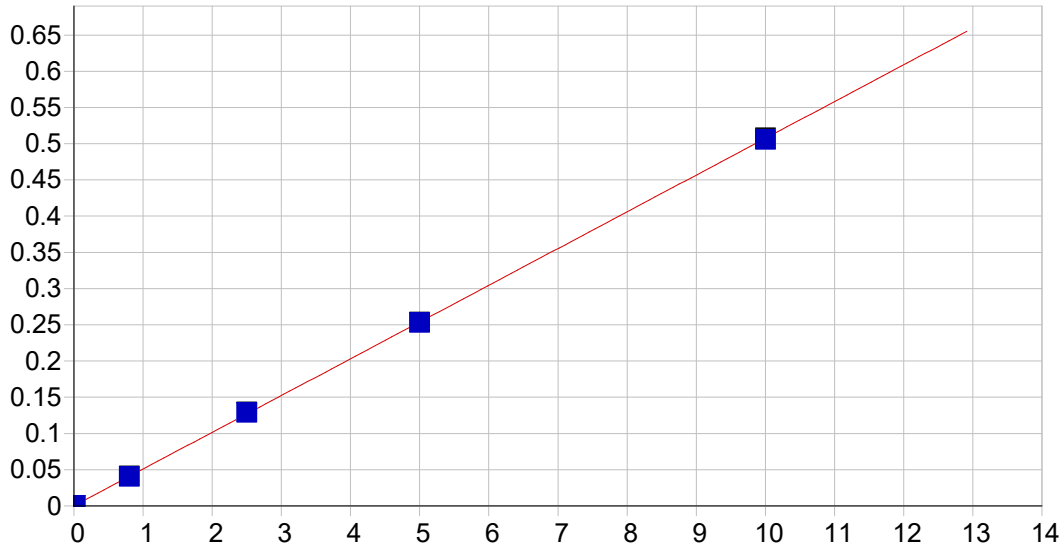
Pb 220.353 {453}

Date of Fit:	3/13/2025 17:29:47	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000275	Re-Slope:	1.000000
A1 (Gain):	0.190817	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999993	Status:	OK.
Std Error of Est:	0.000013		
Predicted MDL:	0.001409		
Predicted MQL:	0.004696		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00027	.000	1
S1	.01200	.01199	-.000	-.063	.00197	.000	1
S3	2.5000	2.4906	-.009	-.377	.47445	.001	1
S4	5.0000	5.0004	.000	.008	.95284	.001	1
S5	10.000	10.021	.021	.205	1.9097	.007	1
S2	.80000	.78849	-.012	-1.44	.15001	.000	1

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035



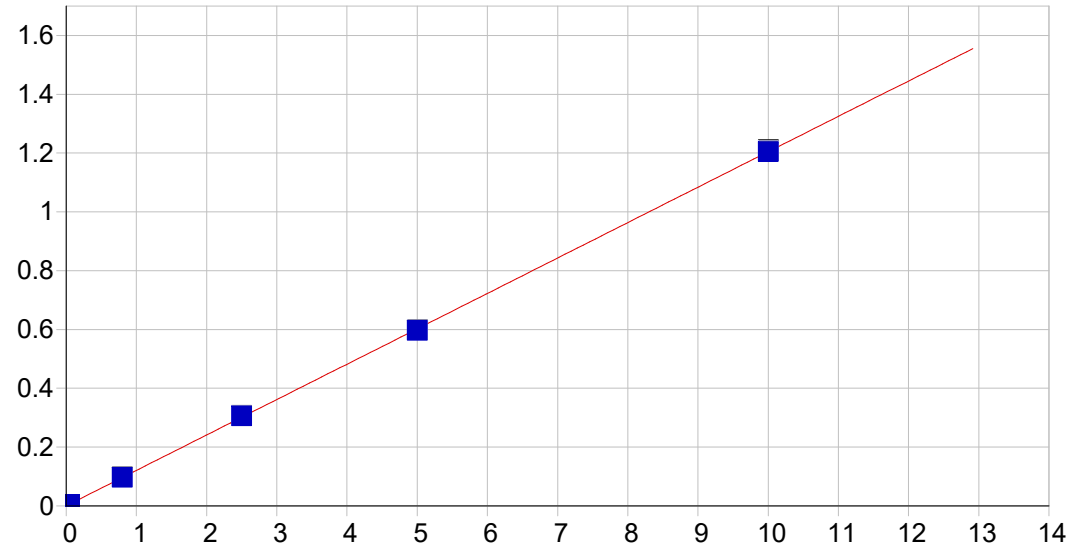
Se 196.090 {472}

Date of Fit:	3/13/2025 17:29:47	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000197	Re-Slope:	1.000000
A1 (Gain):	0.050722	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999977	Status:	OK.
Std Error of Est:	0.000008		
Predicted MDL:	0.002900		
Predicted MQL:	0.009665		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00020	.000	1
S1	.02000	.02181	.002	9.05	.00130	.000	1
S3	2.5000	2.5373	.037	1.49	.12885	.001	1
S4	5.0000	4.9898	-.010	-.204	.25320	.000	1
S5	10.000	9.9709	-.029	-.291	.50576	.002	1
S2	.80000	.80022	.000	.028	.04077	.000	1

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035



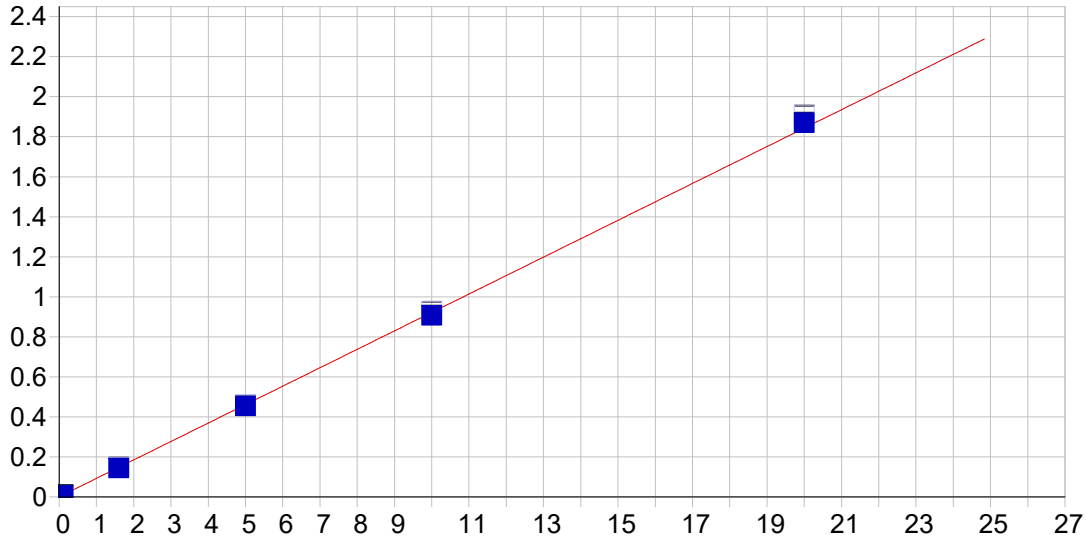
Sb 206.833 {463}

Date of Fit:	3/13/2025 17:29:47	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000297	Re-Slope:	1.000000
A1 (Gain):	0.120408	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999964	Status:	OK.
Std Error of Est:	0.000038		
Predicted MDL:	0.001833		
Predicted MQL:	0.006111		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00030	.000	1
S1	.05000	.05318	.003	6.35	.00671	.000	1
S3	2.5000	2.5388	.039	1.55	.30681	.001	1
S4	5.0000	4.9521	-.048	-.959	.59820	.001	1
S5	10.000	9.9997	-.000	-.003	1.2076	.004	1
S2	.80000	.80628	.006	.784	.09764	.000	1

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035



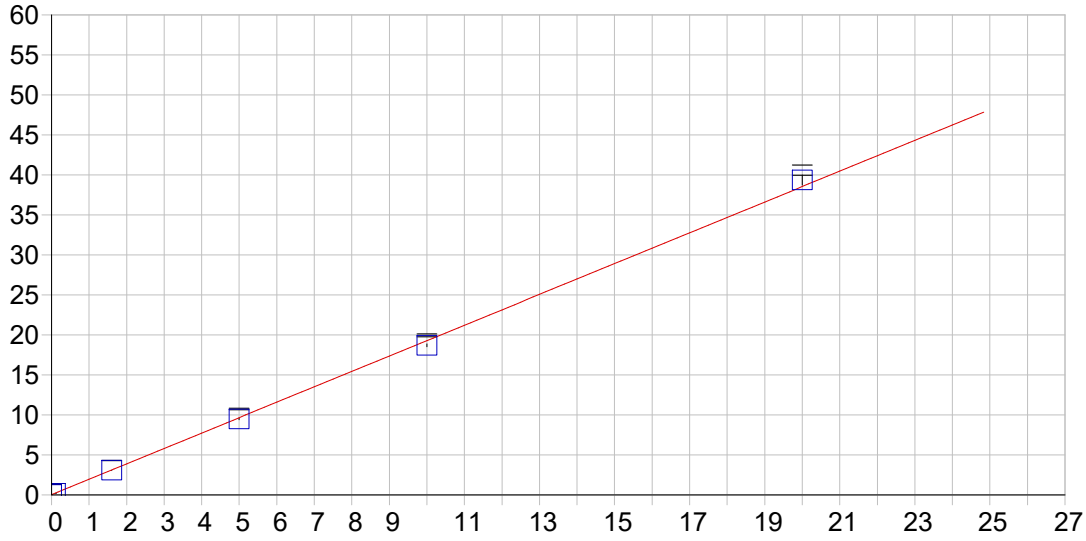
Al 396.152 { 85}

Date of Fit:	3/13/2025 17:29:47	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000789	Re-Slope:	1.000000
A1 (Gain):	0.092114	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999878	Status:	OK.
Std Error of Est:	0.000109		
Predicted MDL:	0.005226		
Predicted MQL:	0.017421		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00079	.000	1
S1	.10000	.09462	-.005	-5.38	.01022	.000	1
S3	5.0000	4.9140	-.086	-1.72	.46237	.000	1
S4	10.000	9.8420	-.158	-1.58	.92525	.002	1
S5	20.000	20.287	.287	1.44	1.9053	.003	1
S2	1.6000	1.5623	-.038	-2.35	.14756	.001	1

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035



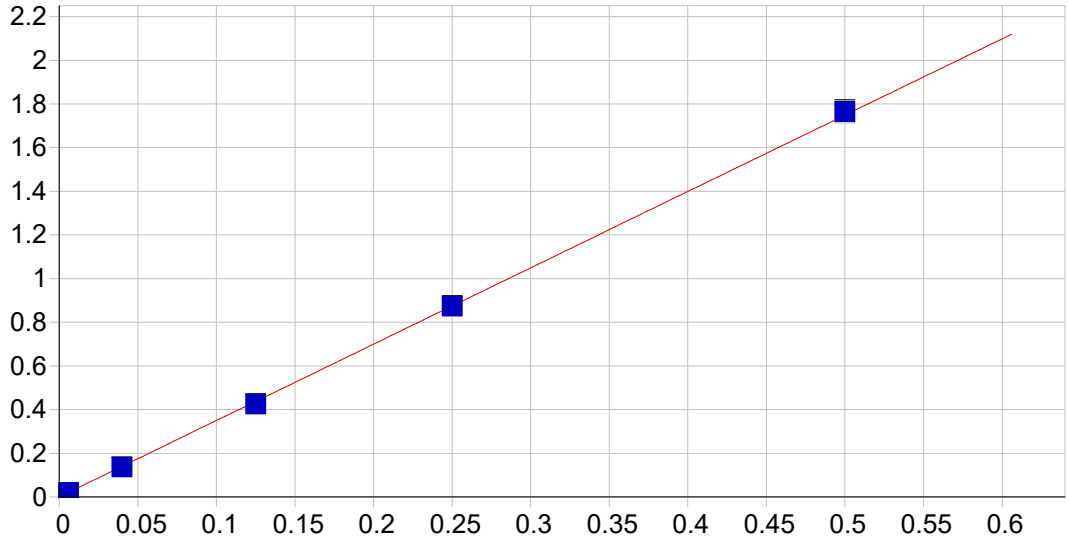
Ba 493.409 { 68}

Date of Fit:	3/13/2025 17:29:47	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.032123	Re-Slope:	1.000000
A1 (Gain):	1.925417	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999718	Status:	OK.
Std Error of Est:	0.003390		
Predicted MDL:	0.000918		
Predicted MQL:	0.003060		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.03214	.002	1
S1	.10000	.09490	-.005	-5.10	.21484	.001	1
S3	5.0000	4.9161	-.084	-1.68	9.4976	.087	1
S4	10.000	9.6902	-.310	-3.10	18.690	.185	1
S5	20.000	20.425	.425	2.12	39.358	.650	1
S2	1.6000	1.5742	-.026	-1.61	3.0632	.003	1

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035



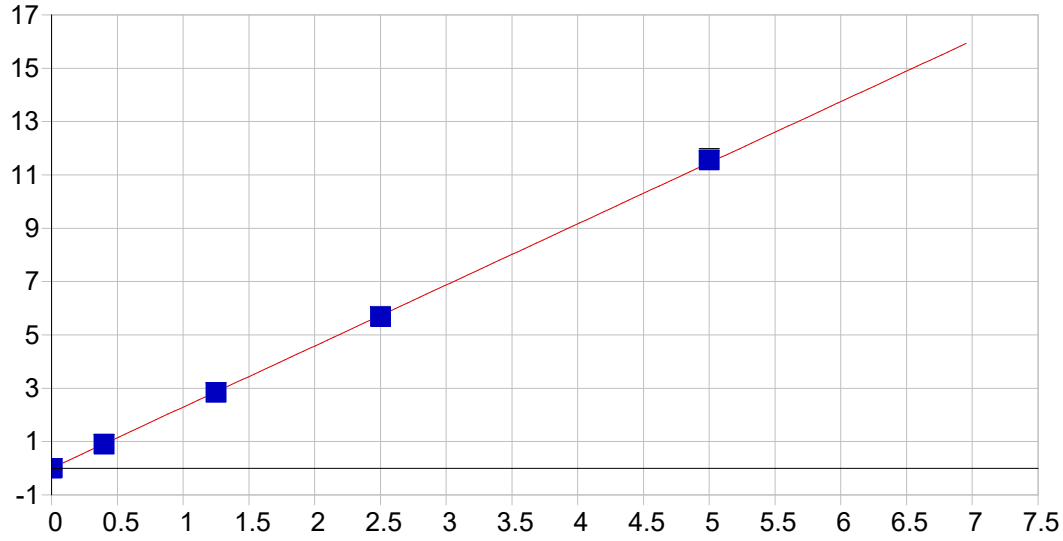
Be 234.861 {144}

Date of Fit:	3/13/2025 17:29:47	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000110	Re-Slope:	1.000000
A1 (Gain):	3.497329	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999916	Status:	OK.
Std Error of Est:	0.000130		
Predicted MDL:	0.000052		
Predicted MQL:	0.000173		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00011	.000	1
S1	.00600	.00604	.000	.713	.02109	.000	1
S3	.12500	.12168	-.003	-2.66	.42370	.002	1
S4	.25000	.24995	-.000	-.022	.87033	.002	1
S5	.50000	.50437	.004	.874	1.7562	.009	1
S2	.04000	.03897	-.001	-2.59	.13576	.000	1

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035



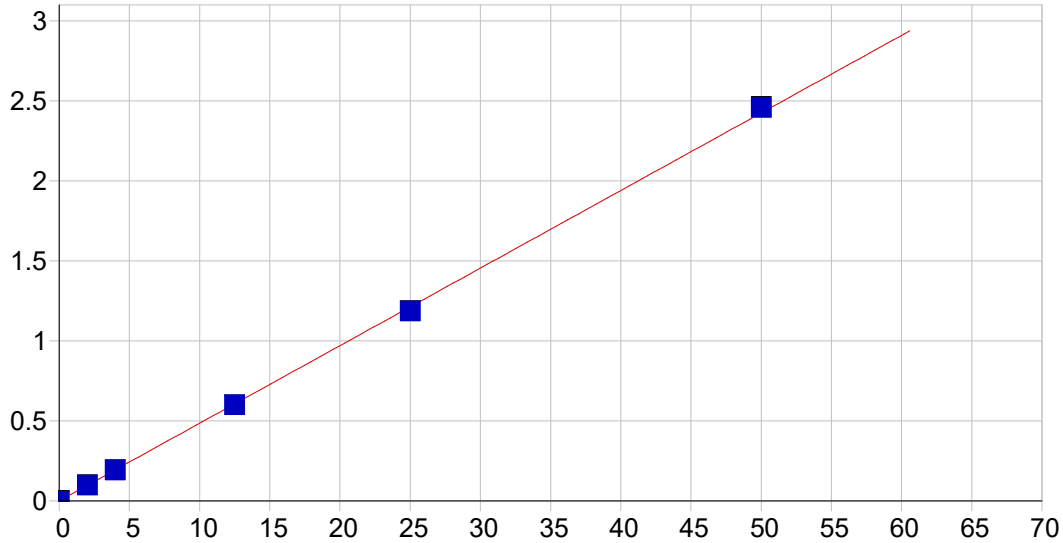
Cd 226.502 {449}

Date of Fit:	3/13/2025 17:29:47	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000109	Re-Slope:	1.000000
A1 (Gain):	2.291152	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999946	Status:	OK.
Std Error of Est:	0.000216		
Predicted MDL:	0.000081		
Predicted MQL:	0.000270		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00011	.000	1
S1	.00600	.00584	-.000	-2.73	.01333	.000	1
S3	1.2500	1.2378	-.012	-.973	2.8385	.006	1
S4	2.5000	2.4783	-.022	-.869	5.6831	.010	1
S5	5.0000	5.0446	.045	.891	11.568	.041	1
S2	.40000	.38949	-.011	-2.63	.89308	.002	1

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035



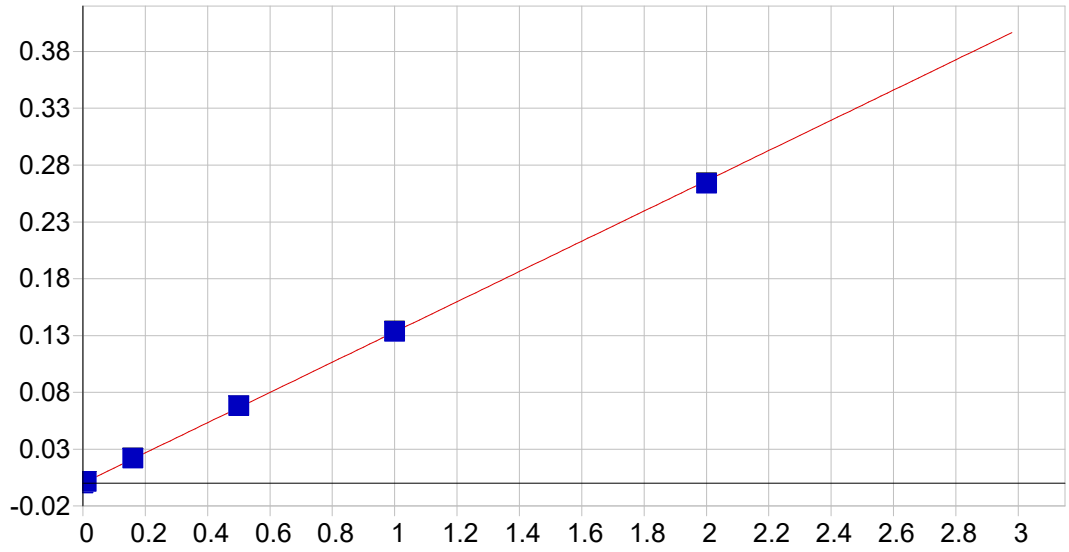
Ca 373.690 { 90}

Date of Fit:	3/13/2025 17:29:47	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000828	Re-Slope:	1.000000
A1 (Gain):	0.048476	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999877	Status:	OK.
Std Error of Est:	0.000403		
Predicted MDL:	0.007956		
Predicted MQL:	0.026521		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00005	.000	.000	.00083	.000	1
S2	4.0000	3.9497	-.050	-1.26	.19230	.001	1
S3	12.500	12.372	-.128	-1.02	.60057	.002	1
S4	25.000	24.469	-.531	-2.12	1.1870	.002	1
S5	50.000	50.697	.697	1.39	2.4584	.006	1
S1	2.0000	2.0130	.013	.651	.09841	.001	1

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035



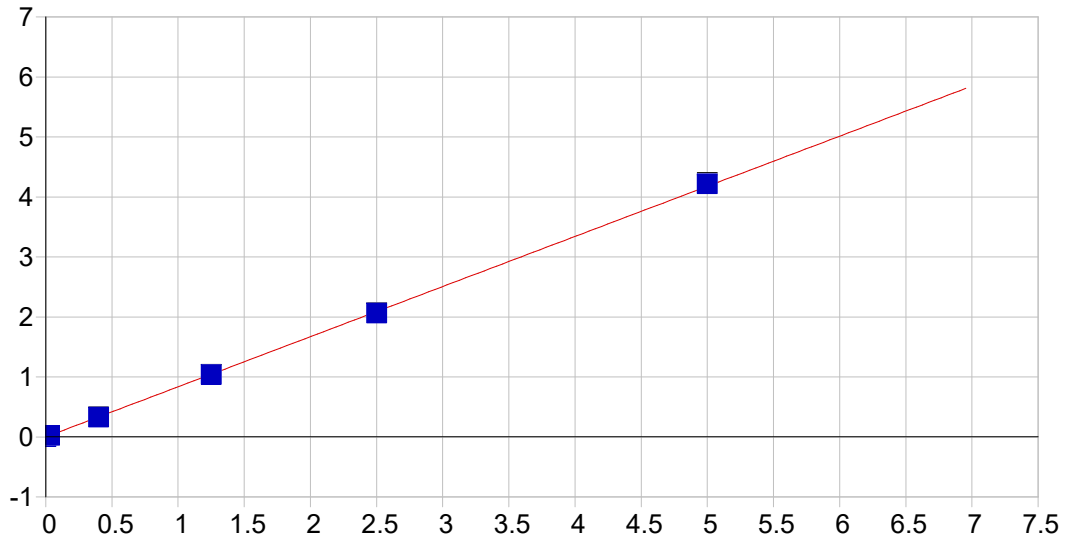
Cr 267.716 {126}

Date of Fit:	3/13/2025 17:29:47	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000039	Re-Slope:	1.000000
A1 (Gain):	0.133092	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999928	Status:	OK.
Std Error of Est:	0.000012		
Predicted MDL:	0.000462		
Predicted MQL:	0.001542		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00004	.000	1
S1	.01000	.01032	.000	3.24	.00141	.000	1
S3	.50000	.51148	.011	2.30	.06813	.000	1
S4	1.0000	1.0020	.002	.203	.13344	.000	1
S5	2.0000	1.9823	-.018	-.886	.26394	.000	1
S2	.16000	.16388	.004	2.42	.02186	.000	1

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035



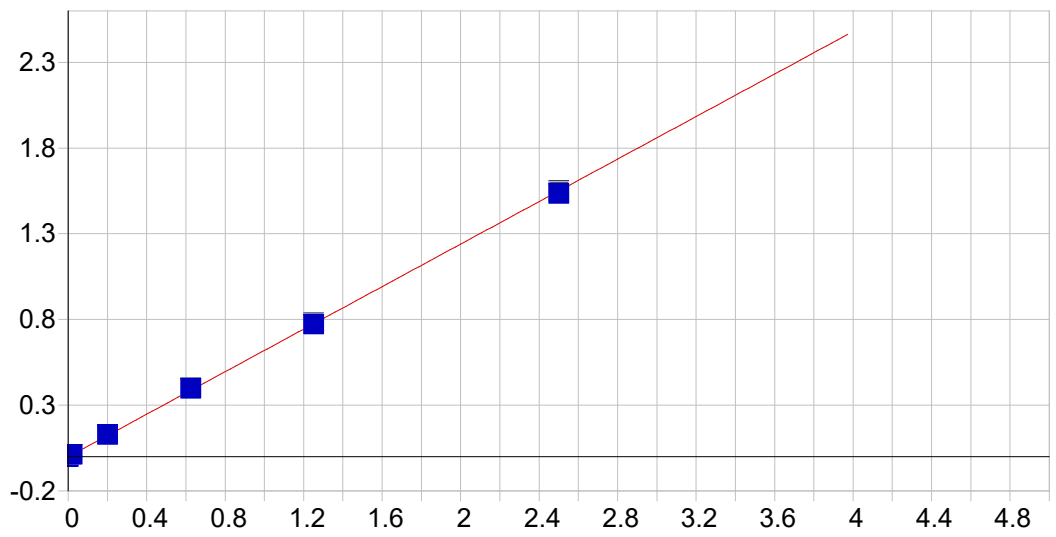
Co 228.616 {448}

Date of Fit:	3/13/2025 17:29:47	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000023	Re-Slope:	1.000000
A1 (Gain):	0.835360	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999945	Status:	OK.
Std Error of Est:	0.000178		
Predicted MDL:	0.000235		
Predicted MQL:	0.000784		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00002	.000	1
S1	.03000	.02965	-.000	-1.18	.02464	.000	1
S3	1.2500	1.2422	-.008	-.621	1.0395	.002	1
S4	2.5000	2.4690	-.031	-1.24	2.0660	.002	1
S5	5.0000	5.0466	.047	.932	4.2228	.014	1
S2	.40000	.39256	-.007	-1.86	.32847	.001	1

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035



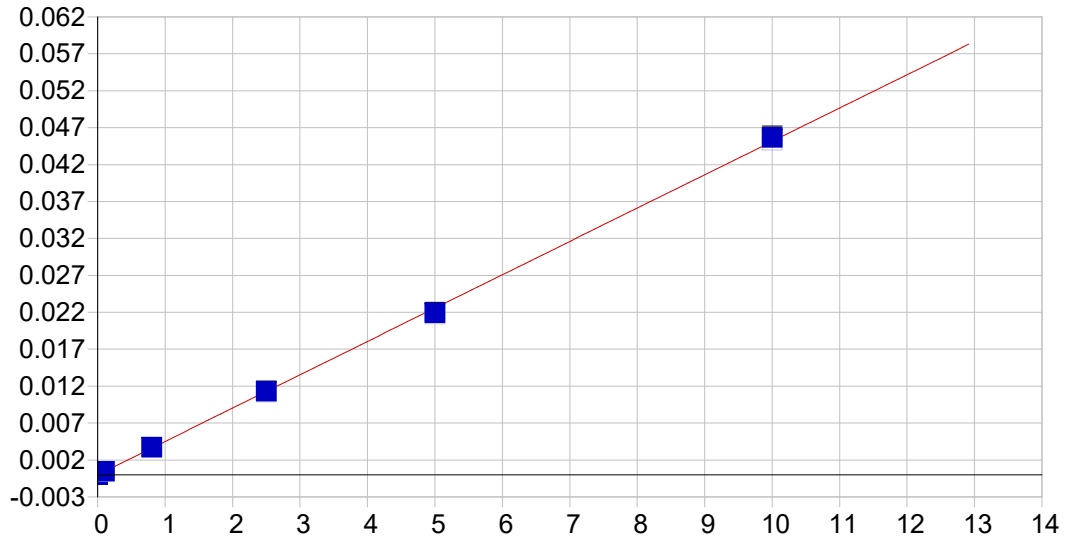
Cu 224.700 {450}

Date of Fit:	3/13/2025 17:29:47	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000614	Re-Slope:	1.000000
A1 (Gain):	0.620132	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999854	Status:	OK.
Std Error of Est:	0.000125		
Predicted MDL:	0.000416		
Predicted MQL:	0.001386		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00062	.000	1
S1	.02000	.02268	.003	13.4	.01357	.000	1
S3	.62500	.64205	.017	2.73	.40029	.001	1
S4	1.2500	1.2482	-.002	-.143	.77894	.001	1
S5	2.5000	2.4746	-.025	-1.01	1.5450	.007	1
S2	.20000	.20739	.007	3.70	.12888	.001	1

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035



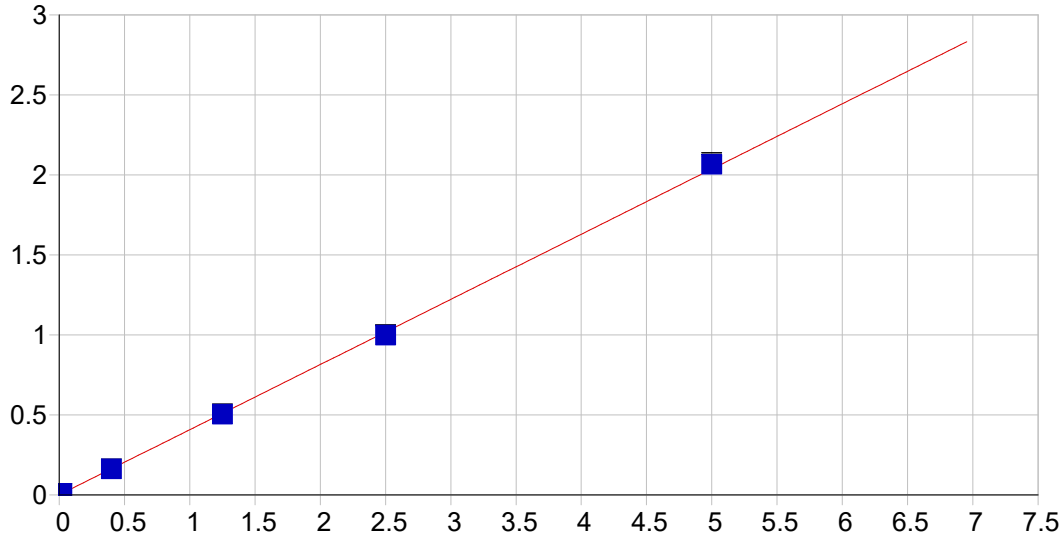
Fe 240.488 {140}

Date of Fit:	3/13/2025 17:29:47	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000008	Re-Slope:	1.000000
A1 (Gain):	0.004515	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999836	Status:	OK.
Std Error of Est:	0.000004		
Predicted MDL:	0.004482		
Predicted MQL:	0.014939		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00001	.000	1
S1	.10000	.10076	.001	.762	.00044	.000	1
S3	2.5000	2.5017	.002	.069	.01119	.000	1
S4	5.0000	4.8594	-.141	-2.81	.02174	.000	1
S5	10.000	10.116	.116	1.16	.04528	.000	1
S2	.80000	.82223	.022	2.78	.00367	.000	1

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035



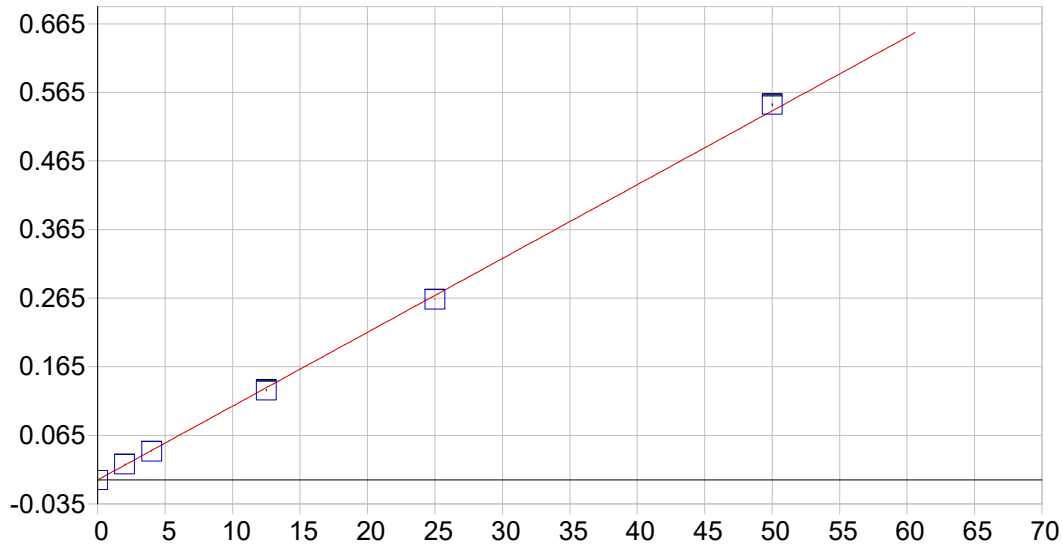
Mn 257.610 {131}

Date of Fit:	3/13/2025 17:29:47	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000255	Re-Slope:	1.000000
A1 (Gain):	0.407297	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999875	Status:	OK.
Std Error of Est:	0.000107		
Predicted MDL:	0.000347		
Predicted MQL:	0.001158		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00026	.000	1
S1	.02000	.01970	-.000	-1.50	.00828	.000	1
S3	1.2500	1.2357	-.014	-1.15	.50364	.002	1
S4	2.5000	2.4484	-.052	-2.06	.99770	.005	1
S5	5.0000	5.0709	.071	1.42	2.0660	.010	1
S2	.40000	.39529	-.005	-1.18	.16129	.000	1

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035



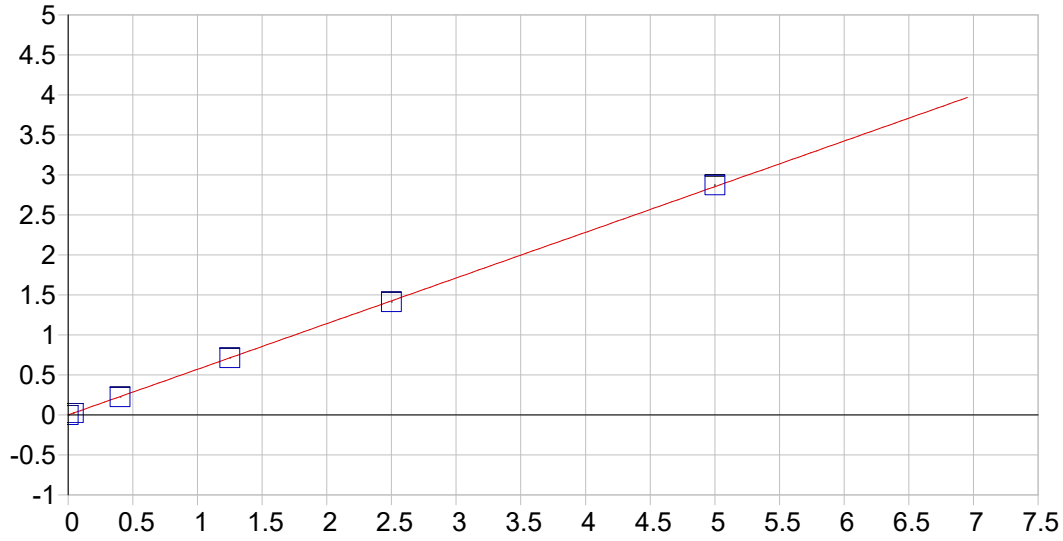
Mg 279.079 {121}

Date of Fit:	3/13/2025 17:29:47	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000102	Re-Slope:	1.000000
A1 (Gain):	0.010762	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999738	Status:	OK.
Std Error of Est:	0.000130		
Predicted MDL:	0.015197		
Predicted MQL:	0.050656		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	-.00010	.000	1
S2	4.0000	3.8777	-.122	-3.06	.04163	.000	1
S3	12.500	12.167	-.333	-2.66	.13085	.001	1
S4	25.000	24.466	-.534	-2.13	.26321	.000	1
S5	50.000	50.841	.841	1.68	.54707	.002	1
S1	2.0000	2.1474	.147	7.37	.02301	.000	1

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035



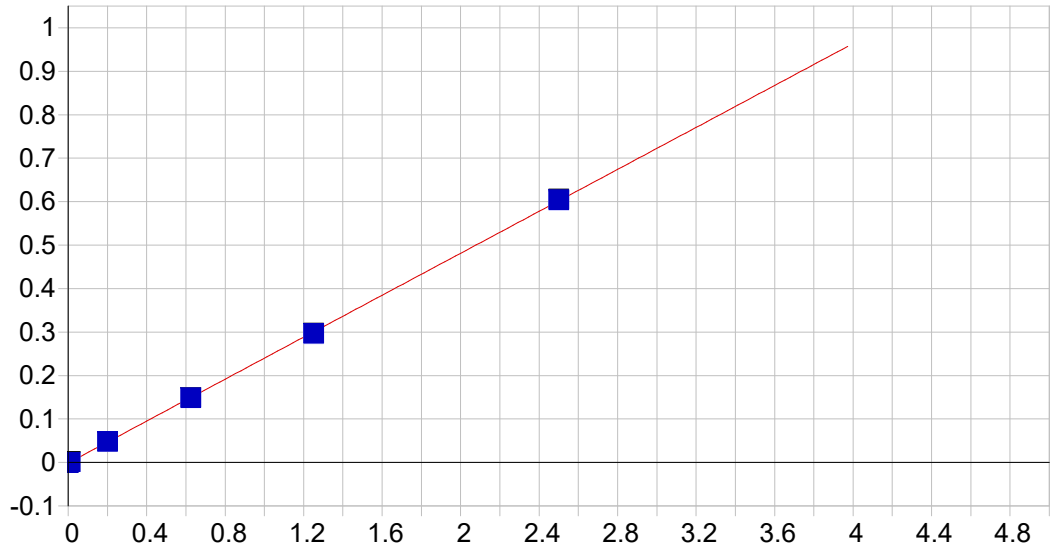
Ni 231.604 {446}

Date of Fit:	3/13/2025 17:29:47	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000177	Re-Slope:	1.000000
A1 (Gain):	0.570592	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999975	Status:	OK.
Std Error of Est:	0.000095		
Predicted MDL:	0.000324		
Predicted MQL:	0.001079		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00018	.000	1
S1	.04000	.03956	-.000	-1.10	.02240	.000	1
S3	1.2500	1.2483	-.002	-.133	.71211	.002	1
S4	2.5000	2.4761	-.024	-.955	1.4127	.001	1
S5	5.0000	5.0303	.030	.606	2.8701	.009	1
S2	.40000	.39567	-.004	-1.08	.22559	.000	1

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035



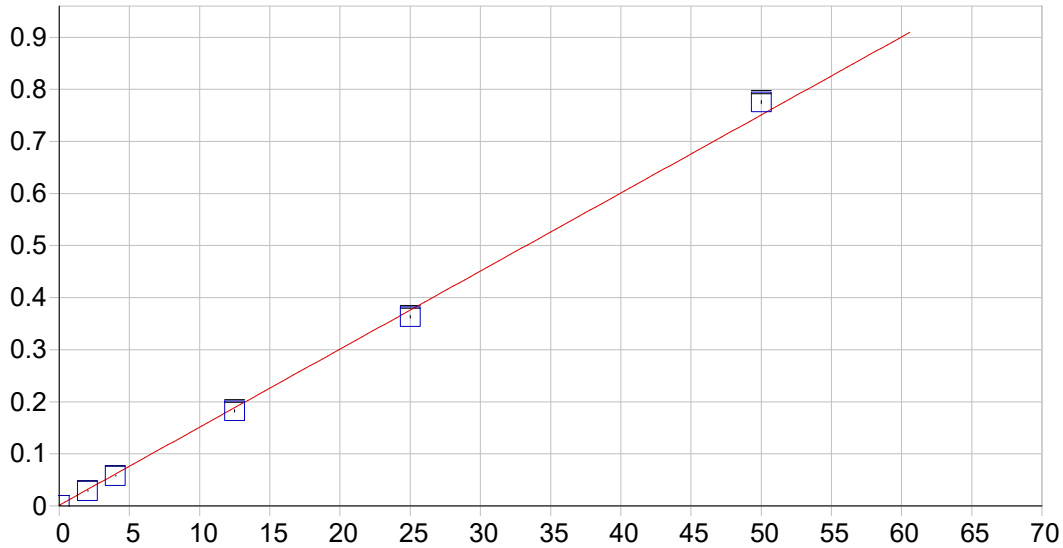
Ag 328.068 {103}

Date of Fit:	3/13/2025 17:29:47	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.001368	Re-Slope:	1.000000
A1 (Gain):	0.241299	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999961	Status:	OK.
Std Error of Est:	0.000018		
Predicted MDL:	0.000357		
Predicted MQL:	0.001189		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00137	.000	1
S1	.01000	.01067	.001	6.73	.00119	.000	1
S3	.62500	.62232	-.003	-.428	.14820	.000	1
S4	1.2500	1.2362	-.014	-1.11	.29572	.001	1
S5	2.5000	2.5114	.011	.458	.60225	.002	1
S2	.20000	.20440	.004	2.20	.04776	.000	1

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035



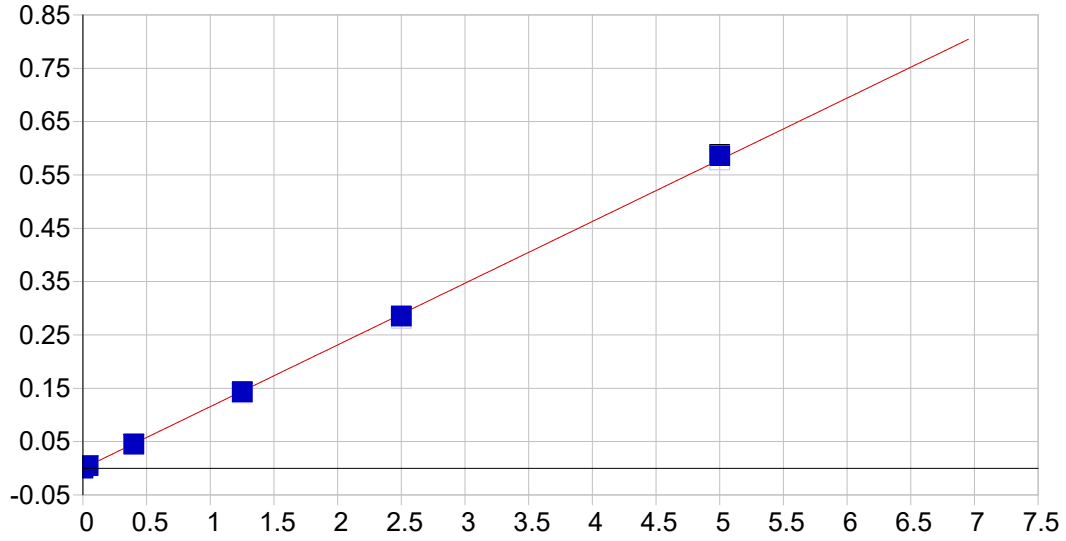
Na 589.592 { 57}

Date of Fit:	3/13/2025 17:29:47	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.001303	Re-Slope:	1.000000
A1 (Gain):	0.014990	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999338	Status:	OK.
Std Error of Est:	0.000289		
Predicted MDL:	0.018531		
Predicted MQL:	0.061769		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00035	.000	.000	.00131	.000	1
S2	4.0000	3.7690	-.231	-5.78	.05780	.000	1
S3	12.500	12.085	-.415	-3.32	.18246	.002	1
S4	25.000	24.157	-.843	-3.37	.36342	.003	1
S5	50.000	51.654	1.65	3.31	.77562	.003	1
S1	2.0000	1.8354	-.165	-8.23	.02882	.000	1

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035



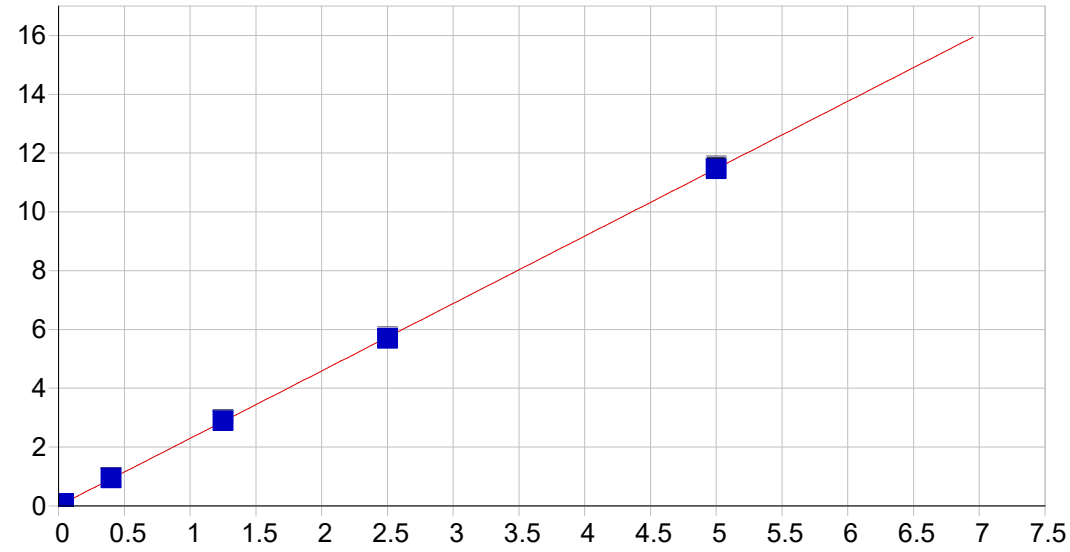
V 292.402 {115}

Date of Fit:	3/13/2025 17:29:47	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000033	Re-Slope:	1.000000
A1 (Gain):	0.115715	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999888	Status:	OK.
Std Error of Est:	0.000040		
Predicted MDL:	0.001541		
Predicted MQL:	0.005135		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00003	.000	1
S1	.04000	.04049	.000	1.22	.00448	.000	1
S3	1.2500	1.2346	-.015	-1.23	.14072	.000	1
S4	2.5000	2.4592	-.041	-1.63	.28031	.001	1
S5	5.0000	5.0661	.066	1.32	.57775	.002	1
S2	.40000	.38965	-.010	-2.59	.04438	.000	1

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035



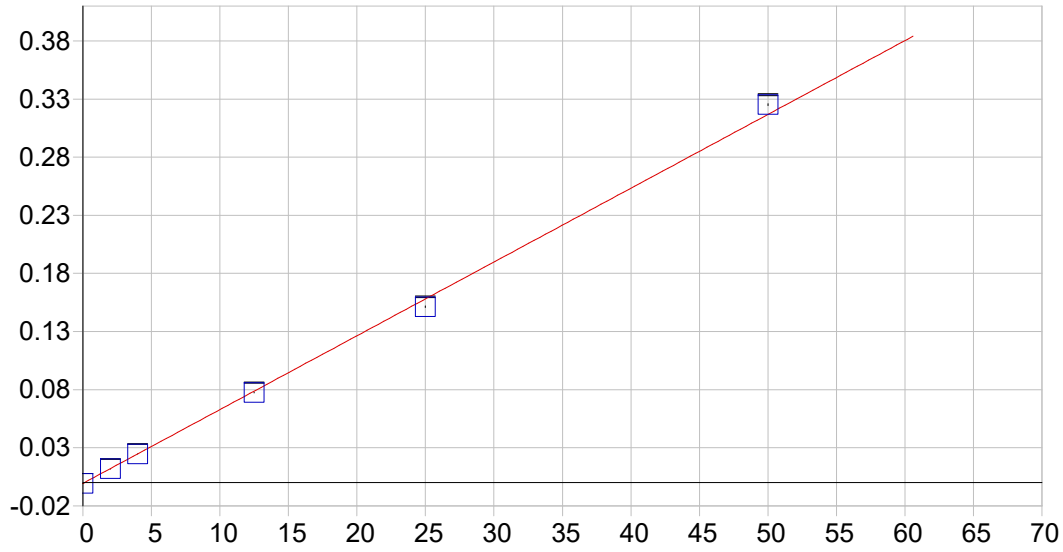
Zn 213.856 {158}

Date of Fit:	3/13/2025 17:29:47	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.003824	Re-Slope:	1.000000
A1 (Gain):	2.292966	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999966	Status:	OK.
Std Error of Est:	0.000446		
Predicted MDL:	0.000325		
Predicted MQL:	0.001082		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00382	.001	1
S1	.04000	.04165	.002	4.13	.09997	.001	1
S3	1.2500	1.2628	.013	1.03	2.9194	.012	1
S4	2.5000	2.4793	-.021	-.826	5.7287	.015	1
S5	5.0000	4.9960	-.004	-.080	11.539	.023	1
S2	.40000	.41016	.010	2.54	.95068	.005	1

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035



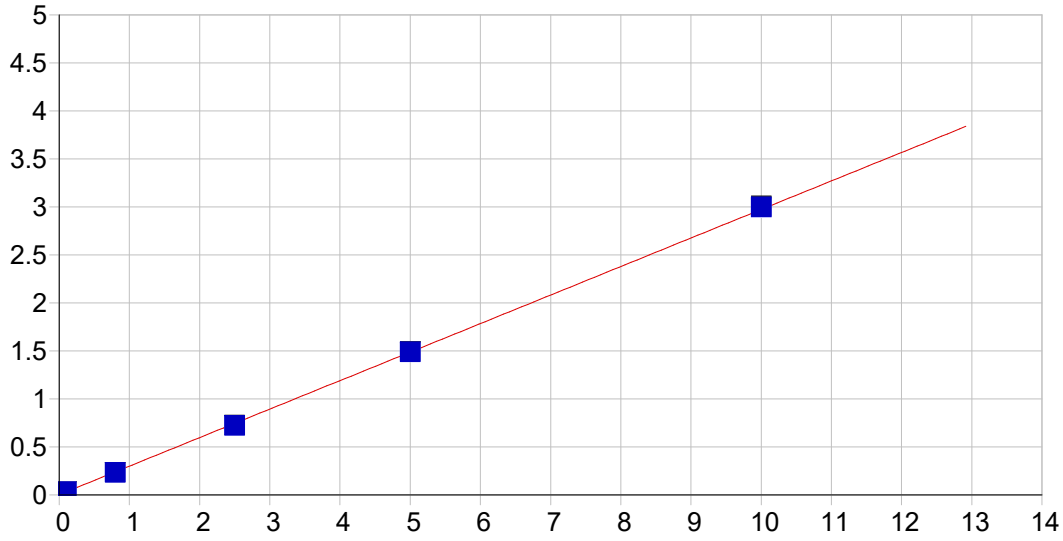
K 766.490 { 44}

Date of Fit:	3/13/2025 17:29:47	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000615	Re-Slope:	1.000000
A1 (Gain):	0.006348	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999555	Status:	OK.
Std Error of Est:	0.000100		
Predicted MDL:	0.029012		
Predicted MQL:	0.096706		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00011	.000	.000	-.00061	.000	1
S2	4.0000	3.9773	-.023	-.568	.02463	.000	1
S3	12.500	12.308	-.192	-1.54	.07752	.000	1
S4	25.000	23.939	-1.06	-4.24	.15135	.001	1
S5	50.000	51.312	1.31	2.62	.32511	.001	1
S1	2.0000	1.9630	-.037	-1.85	.01185	.000	1

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035



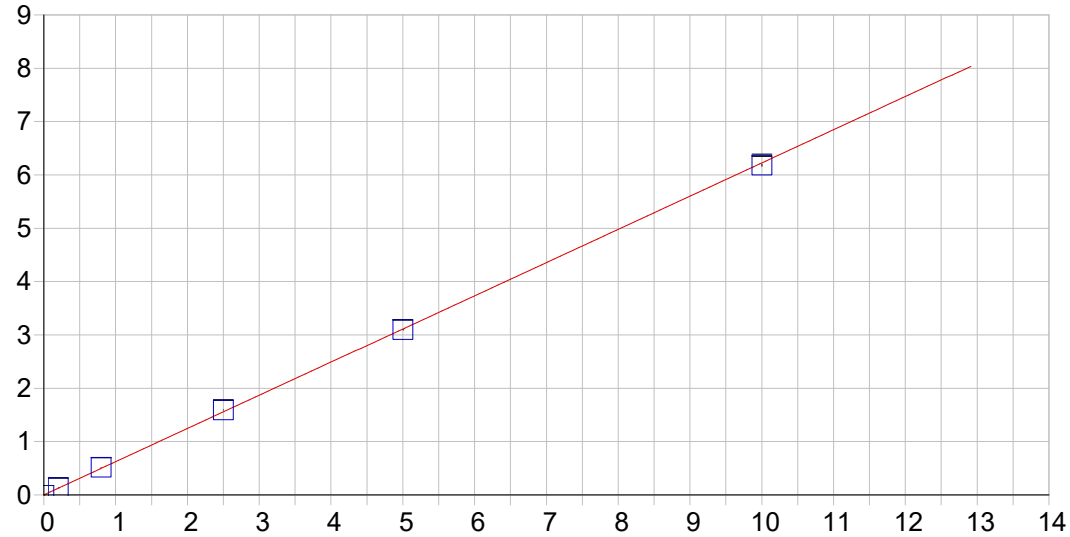
B 249.678 {135}

Date of Fit:	3/13/2025 17:29:47	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.002418	Re-Slope:	1.000000
A1 (Gain):	0.297055	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999893	Status:	OK.
Std Error of Est:	0.000227		
Predicted MDL:	0.000726		
Predicted MQL:	0.002421		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00242	.000	1
S1	.10000	.10444	.004	4.44	.03329	.000	1
S3	2.5000	2.4229	-.077	-3.08	.71996	.004	1
S4	5.0000	5.0063	.006	.126	1.4852	.005	1
S5	10.000	10.088	.088	.876	2.9902	.011	1
S2	.80000	.77880	-.021	-2.65	.23306	.000	1

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035



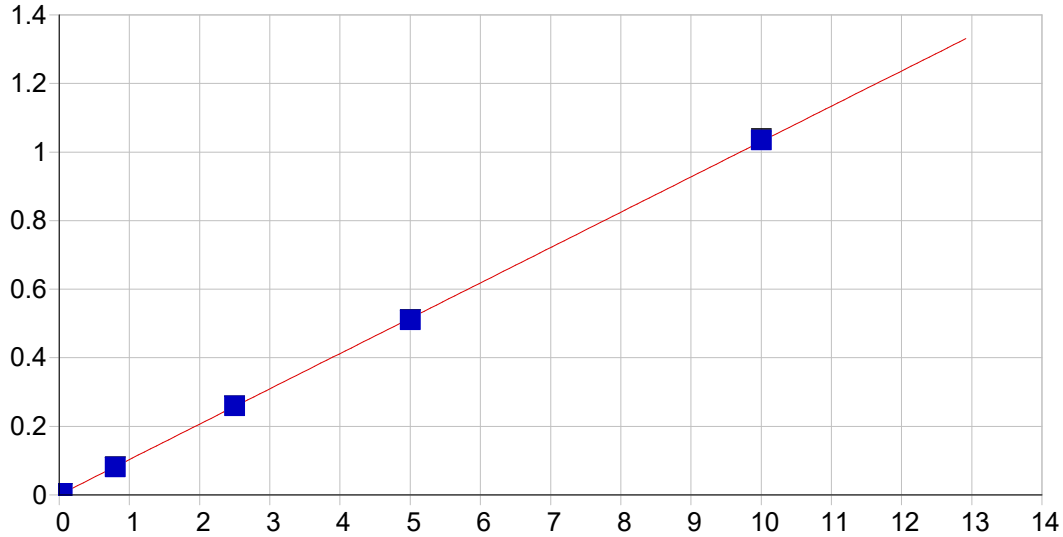
Mo 202.030 {467}

Date of Fit:	3/13/2025 17:29:47	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000156	Re-Slope:	1.000000
A1 (Gain):	0.622353	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999916	Status:	OK.
Std Error of Est:	0.000601		
Predicted MDL:	0.000265		
Predicted MQL:	0.000882		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	.00015	.000	1
S1	.20000	.20899	.009	4.49	.13022	.000	1
S3	2.5000	2.5588	.059	2.35	1.5926	.006	1
S4	5.0000	4.9757	-.024	-.487	3.0968	.001	1
S5	10.000	9.9321	-.068	-.679	6.1814	.022	1
S2	.80000	.82446	.024	3.06	.51326	.001	1

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035



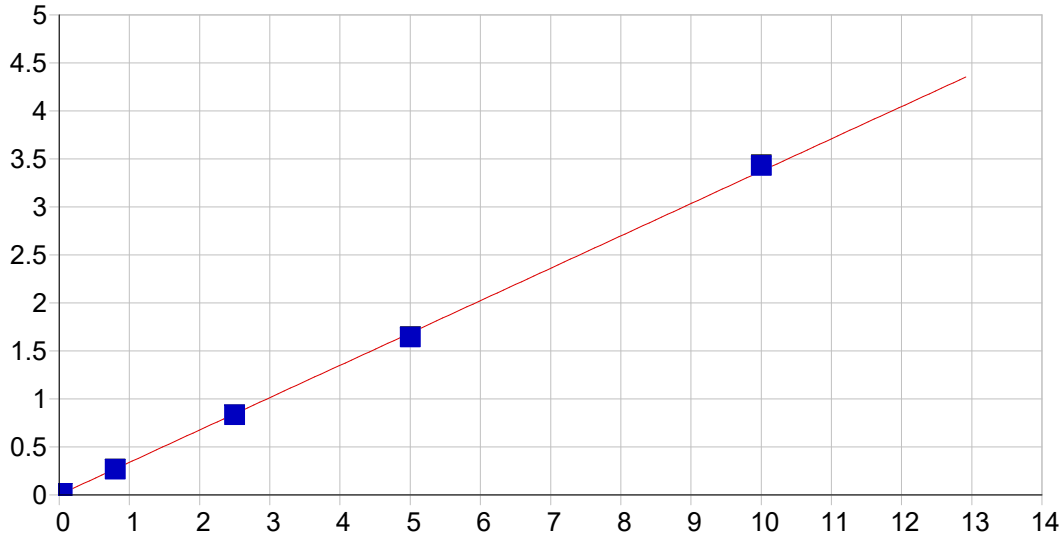
Sn 189.989 {478}

Date of Fit:	3/13/2025 17:29:47	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000189	Re-Slope:	1.000000
A1 (Gain):	0.103031	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999972	Status:	OK.
Std Error of Est:	0.000025		
Predicted MDL:	0.000826		
Predicted MQL:	0.002755		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00019	.000	1
S1	.04000	.03862	-.001	-3.45	.00416	.000	1
S3	2.5000	2.5170	.017	.678	.25925	.000	1
S4	5.0000	4.9526	-.047	-.949	.50993	.001	1
S5	10.000	10.044	.044	.445	1.0340	.004	1
S2	.80000	.78738	-.013	-1.58	.08123	.000	1

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035



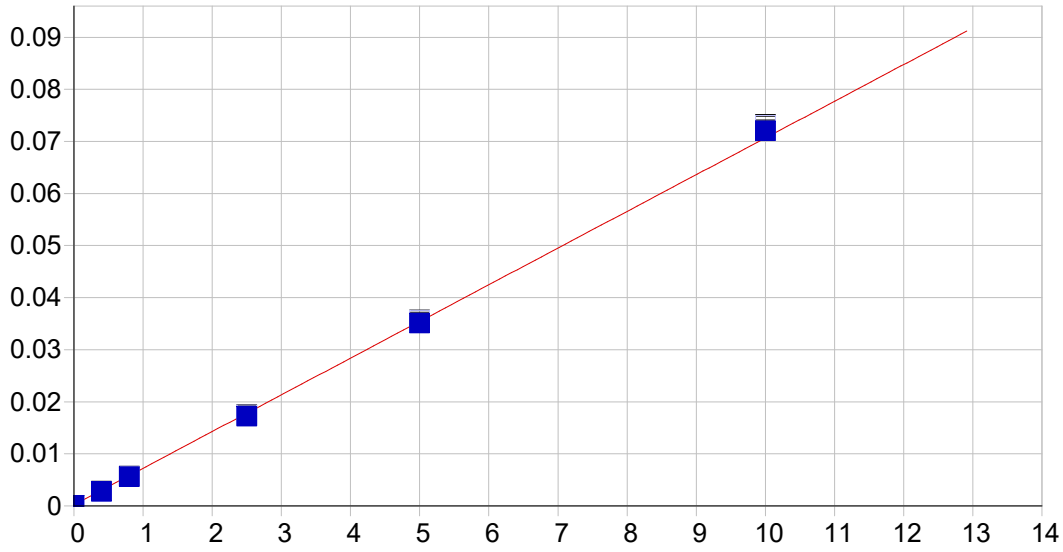
Ti 336.121 {100}

Date of Fit:	3/13/2025 17:29:47	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.001962	Re-Slope:	1.000000
A1 (Gain):	0.336963	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999803	Status:	OK.
Std Error of Est:	0.000221		
Predicted MDL:	0.000712		
Predicted MQL:	0.002375		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00196	.000	1
S1	.04000	.04011	.000	.274	.01547	.000	1
S3	2.5000	2.4641	-.036	-1.43	.83198	.001	1
S4	5.0000	4.8707	-.129	-2.59	1.6426	.005	1
S5	10.000	10.178	.178	1.78	3.4302	.007	1
S2	.80000	.78753	-.012	-1.56	.26723	.001	1

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035



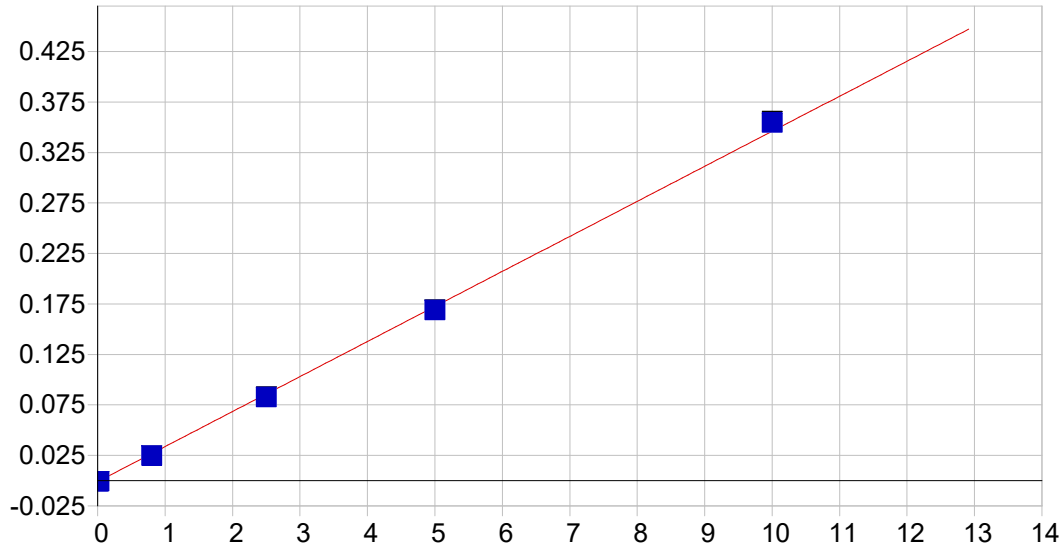
Si 288.158 {117}

Date of Fit:	3/13/2025 17:29:47	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000189	Re-Slope:	1.000000
A1 (Gain):	0.007047	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999708	Status:	OK.
Std Error of Est:	0.000018		
Predicted MDL:	0.005938		
Predicted MQL:	0.019795		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00006	.000	.000	.00019	.000	1
S1	.40000	.36549	-.035	-8.63	.00277	.000	1
S3	2.5000	2.4156	-.084	-3.37	.01748	.000	1
S4	5.0000	4.9570	-.043	-.860	.03565	.000	1
S5	10.000	10.194	.194	1.94	.07309	.000	1
S2	.80000	.76787	-.032	-4.02	.00569	.000	1

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035



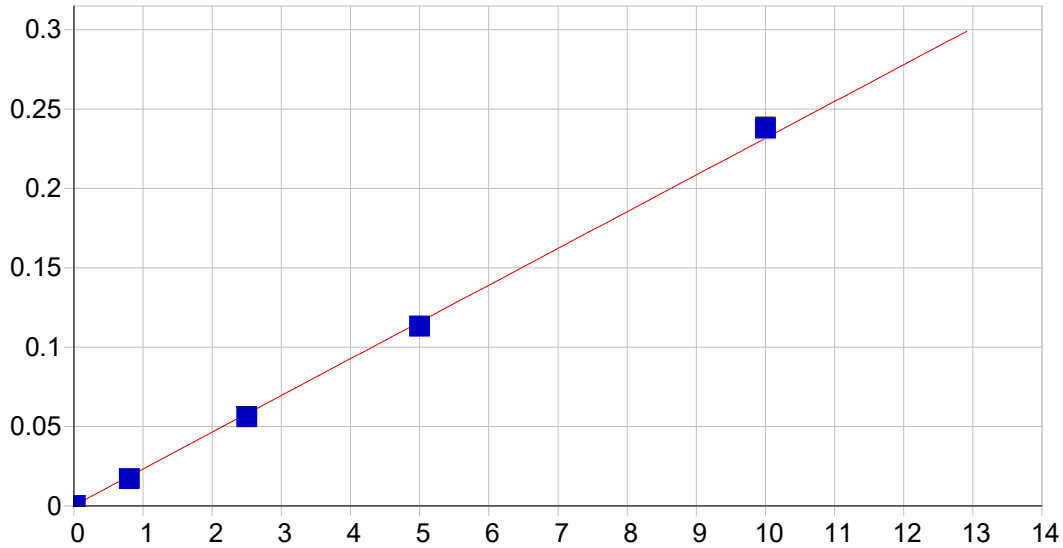
P 177.495 {490}

Date of Fit:	3/13/2025 17:29:47	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000989	Re-Slope:	1.000000
A1 (Gain):	0.034700	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999547	Status:	OK.
Std Error of Est:	0.000024		
Predicted MDL:	0.002616		
Predicted MQL:	0.008720		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	-.00099	.000	1
S1	.02000	.01557	-.004	-22.1	-.00045	.000	1
S3	2.5000	2.4166	-.083	-3.34	.08285	.000	1
S4	5.0000	4.8964	-.104	-2.07	.16889	.000	1
S5	10.000	10.251	.251	2.51	.35466	.001	1
S2	.80000	.74066	-.059	-7.42	.02471	.000	1

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035



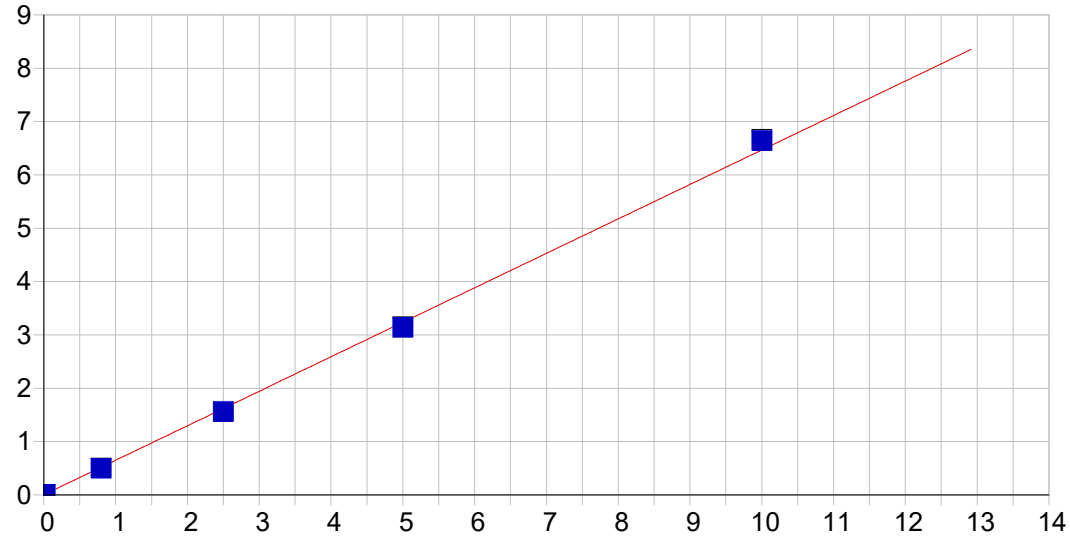
S 182.034 {485}

Date of Fit:	3/13/2025 17:29:47	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000174	Re-Slope:	1.000000
A1 (Gain):	0.023152	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999489	Status:	OK.
Std Error of Est:	0.000017		
Predicted MDL:	0.003413		
Predicted MQL:	0.011376		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00017	.000	1
S1	.02000	.01974	-.000	-1.30	.00061	.000	1
S3	2.5000	2.4158	-.084	-3.37	.05596	.000	1
S4	5.0000	4.8823	-.118	-2.35	.11291	.000	1
S5	10.000	10.270	.270	2.70	.23735	.001	1
S2	.80000	.73216	-.068	-8.48	.01708	.000	1

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035



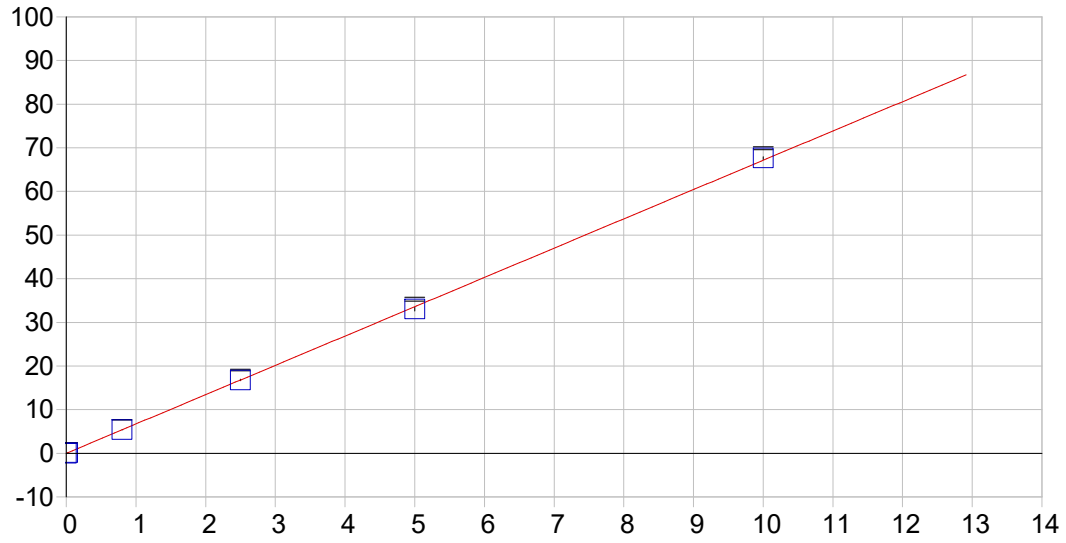
Li 670.784 { 50}

Date of Fit:	3/13/2025 17:29:47	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.004319	Re-Slope:	1.000000
A1 (Gain):	0.646364	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999554	Status:	OK.
Std Error of Est:	0.000453		
Predicted MDL:	0.001163		
Predicted MQL:	0.003876		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00432	.000	1
S5	10.000	10.271	.271	2.71	6.6462	.021	1
S4	5.0000	4.8515	-.148	-2.97	3.1418	.007	1
S3	2.5000	2.4108	-.089	-3.57	1.5634	.005	1
S1	.02000	.02079	.001	3.96	.01796	.000	1
S2	.80000	.76617	-.034	-4.23	.49980	.000	1

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035



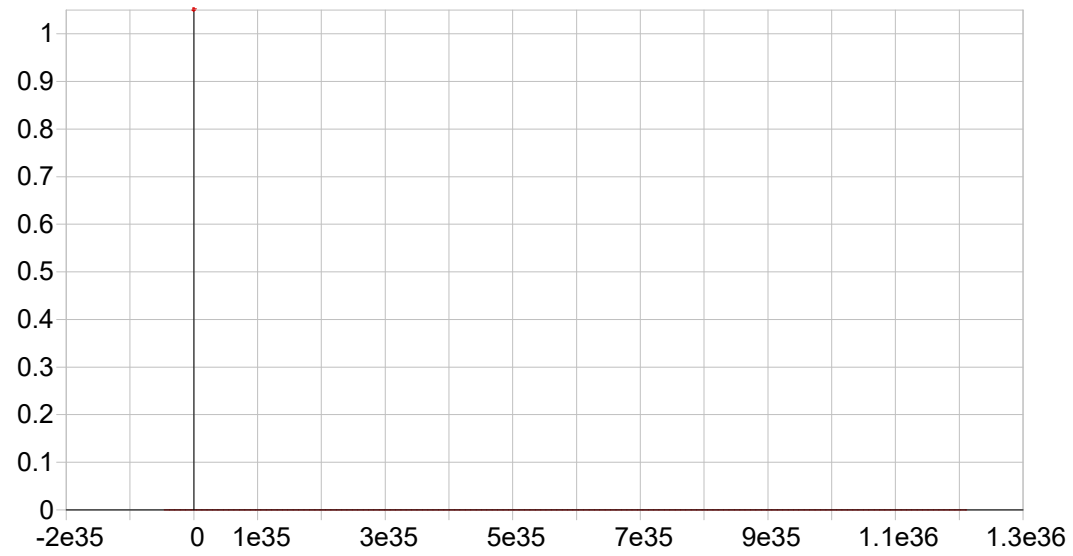
Sr 407.771 { 83}

Date of Fit:	3/13/2025 17:29:47	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000259	Re-Slope:	1.000000
A1 (Gain):	6.714714	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999949	Status:	OK.
Std Error of Est:	0.001584		
Predicted MDL:	0.000071		
Predicted MQL:	0.000236		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00026	.000	1
S1	.02000	.01958	-.000	-2.10	.13173	.000	1
S3	2.5000	2.5002	.000	.009	16.789	.198	1
S4	5.0000	4.9206	-.079	-1.59	33.040	.432	1
S5	10.000	10.074	.074	.737	67.643	.313	1
S2	.80000	.80589	.006	.736	5.4116	.006	1

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

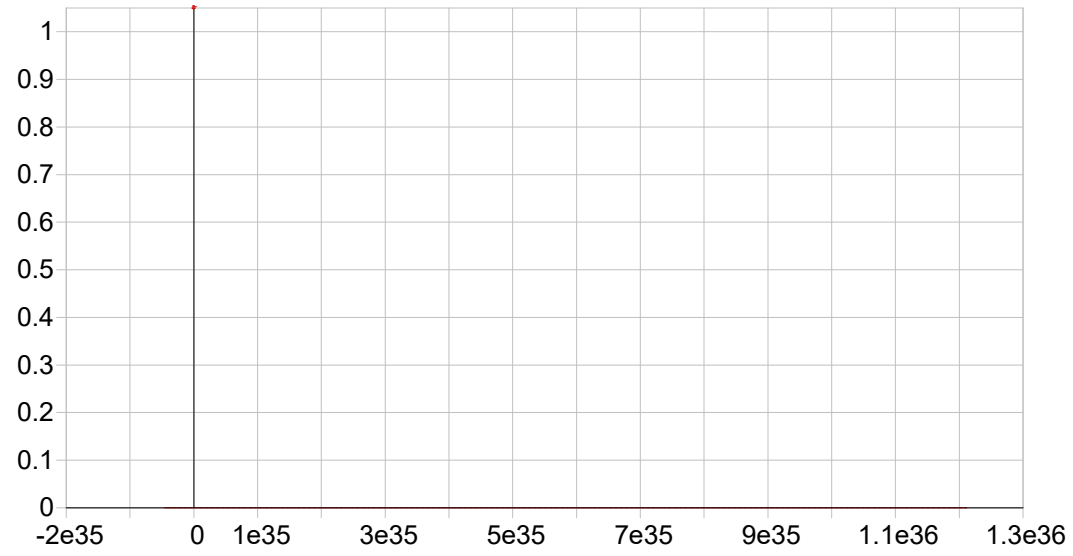


Y 224.306 {450}*

Date of Fit:	3/13/2025 17:29:47	Type of Fit:	Linear	Weighting:	1/Conc

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

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



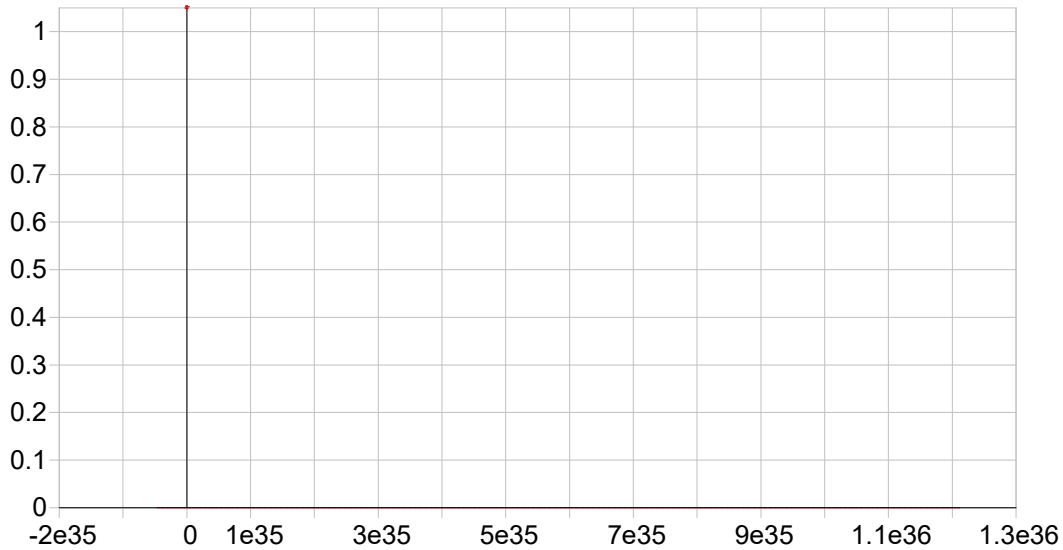
Y 360.073 { 94}*

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

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

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

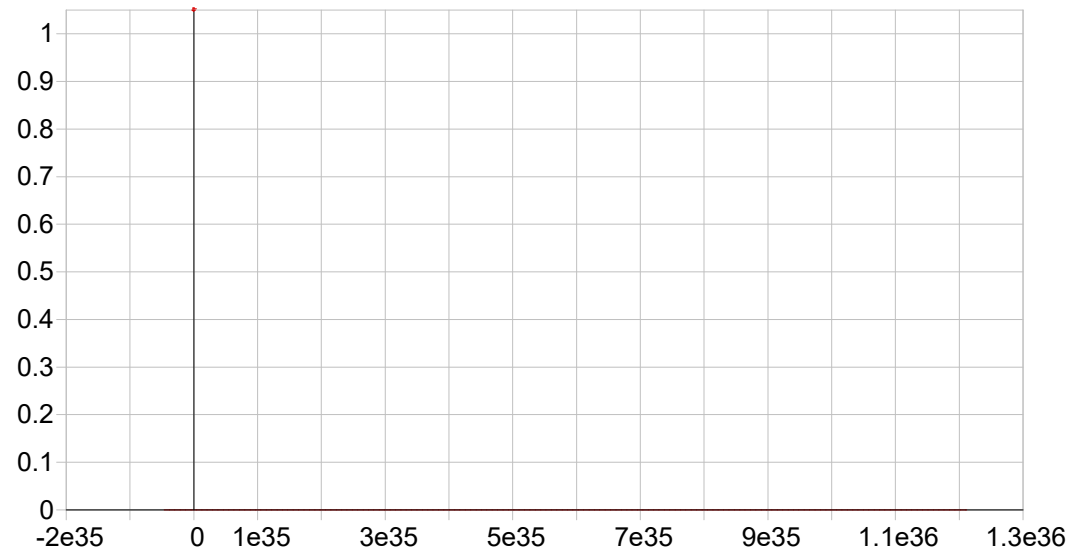
A2 (Curvature):		0.000000					
n (Exponent):		1.000000					
Correlation:		0.000000		Status:	Warning	Zero Gain	
Std Error of Est:		0.000000					
Predicted MDL:		n/a					
Predicted MQL:		n/a					
Std. Name	**Stated Conc.**	**Found Conc.**	**Difference**	**% Diff.**	**(S)IR**	**Std Dev**	**Emphasis**



Y 371.030 { 91}*

Date of Fit:	<not fit>		Type of Fit:	Linear	Weighting:	1/Conc	
A0 (Offset):		0.000000		Re-Slope:	1.000000		
A1 (Gain):		0.000000		Y-int:	0.000000		
A2 (Curvature):		0.000000					
n (Exponent):		1.000000					
Correlation:		0.000000		Status:	Warning	Zero Gain	
Std Error of Est:		0.000000					
Predicted MDL:		n/a					
Predicted MQL:		n/a					
Std. Name	**Stated Conc.**	**Found Conc.**	**Difference**	**% Diff.**	**(S)IR**	**Std Dev**	**Emphasis**

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

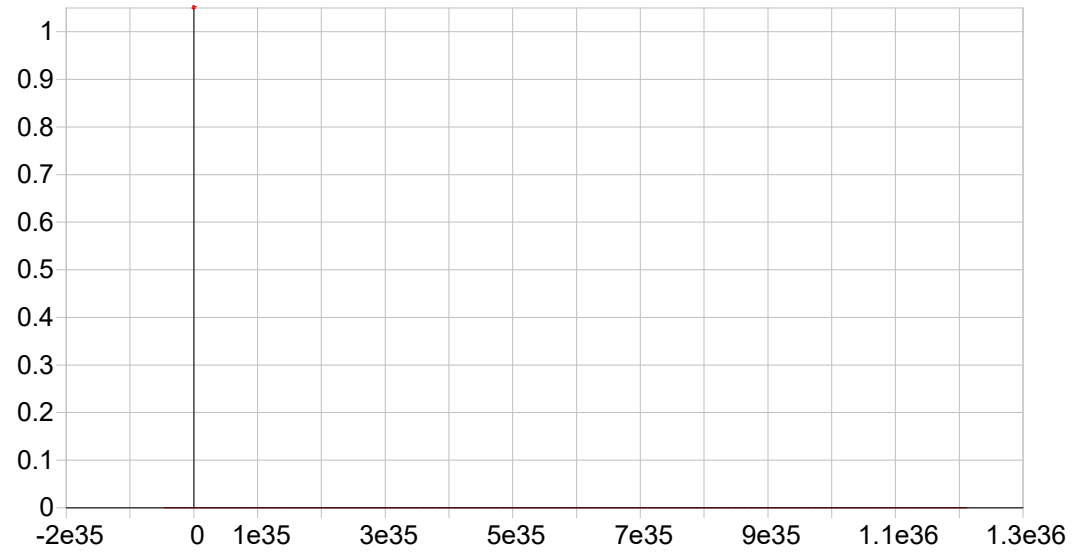


Y 224.306 {150}*

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

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

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



In 230.606 {446}*

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

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

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

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

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: S0 Acquired: 3/13/2025 11:42:00 Type: Cal
Method: NON EPA-6010-200.7(v2804) 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	-.00006	-.00013	-.00027	.00020	.00030	.00079	.03214	.00011
Stddev	.00006	.00003	.00020	.00008	.00011	.00028	.00176	.00008
%RSD	101.36	23.813	72.496	42.228	36.462	35.991	5.4909	69.853
#1	-.00013	-.00010	-.00005	.00027	.00024	.00047	.03027	.00013
#2	-.00002	-.00016	-.00041	.00011	.00023	.00100	.03237	.00003
#3	-.00003	-.00015	-.00036	.00022	.00042	.00090	.03378	.00018

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	-.00011	.00083	.00004	-.00002	-.00062	-.00001	.00026	-.00010
Stddev	.00004	.00029	.00007	.00006	.00003	.00000	.00018	.00009
%RSD	32.306	35.453	171.17	290.13	4.1825	26.023	70.466	88.803
#1	-.00013	.00052	.00002	-.00003	-.00065	-.00001	.00028	-.00016
#2	-.00012	.00086	.00011	.00005	-.00060	-.00001	.00042	-.00014
#3	-.00007	.00111	-.00002	-.00008	-.00060	-.00001	.00006	.00000

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	-.00018	-.00137	.00131	-.00003	.00382	-.00061	.00242	.00015
Stddev	.00023	.00007	.00009	.00016	.00067	.00013	.00032	.00007
%RSD	129.01	5.1895	7.0682	474.65	17.651	21.497	13.190	46.916
#1	.00009	-.00144	.00137	-.00002	.00316	-.00052	.00207	.00016
#2	-.00033	-.00129	.00135	.00012	.00379	-.00077	.00270	.00007
#3	-.00029	-.00137	.00120	-.00020	.00451	-.00055	.00248	.00021

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	.00019	.00196	.00019	-.00099	.00017	.00432	.00026
Stddev	.00002	.00015	.00002	.00005	.00004	.00041	.00038
%RSD	12.144	7.4615	12.275	5.4164	22.364	9.3894	146.10
#1	.00016	.00199	.00016	-.00103	.00014	.00426	-.00017
#2	.00020	.00180	.00021	-.00100	.00017	.00475	.00040
#3	.00020	.00209	.00020	-.00093	.00022	.00394	.00056

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: S0 Acquired: 3/13/2025 11:42:00 Type: Cal
Method: NON EPA-6010-200.7(v2804) 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	3549.9	79658.	15653.	2291.3	5169.2
Stddev	5.9	143.	49.	5.6	11.7
%RSD	.16723	.17965	.31287	.24344	.22550
#1	3549.2	79587.	15611.	2288.2	5164.1
#2	3556.1	79565.	15642.	2297.8	5182.6
#3	3544.3	79823.	15707.	2288.0	5161.1

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: S1 Acquired: 3/13/2025 11:46:26 Type: Cal
Method: NON EPA-6010-200.7(v2804) 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	.00090	.00242	.00197	.00130	.00671	.01022	.21484	.02109
Stddev	.00005	.00007	.00024	.00014	.00010	.00031	.00117	.00003
%RSD	5.0644	3.0068	11.949	10.513	1.5281	3.0314	.54484	.15691
#1	.00086	.00251	.00173	.00145	.00668	.01047	.21568	.02111
#2	.00095	.00238	.00197	.00119	.00663	.01031	.21351	.02111
#3	.00089	.00238	.00220	.00127	.00683	.00987	.21535	.02105

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	.01333	.09841	.00141	.02464	.01357	.00044	.00828	.02301
Stddev	.00020	.00062	.00006	.00010	.00019	.00000	.00009	.00007
%RSD	1.4789	.63150	4.3211	.42048	1.3636	.70927	1.1297	.30727
#1	.01311	.09880	.00147	.02459	.01358	.00044	.00830	.02296
#2	.01349	.09770	.00141	.02476	.01376	.00044	.00818	.02298
#3	.01340	.09874	.00135	.02457	.01339	.00044	.00836	.02309

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	.02240	.00119	.02882	.00448	.09997	.01185	.03329	.13022
Stddev	.00013	.00004	.00008	.00013	.00083	.00014	.00024	.00014
%RSD	.59658	3.6717	.28205	2.8389	.83026	1.1576	.70750	.10941
#1	.02224	.00116	.02880	.00443	.09904	.01169	.03341	.13027
#2	.02248	.00118	.02874	.00438	.10065	.01191	.03302	.13033
#3	.02247	.00124	.02890	.00462	.10022	.01194	.03343	.13006

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	.00416	.01547	.00277	-.00045	.00061	.01796	.13173
Stddev	.00002	.00021	.00003	.00008	.00005	.00046	.00028
%RSD	.58001	1.3631	1.0032	17.986	7.3985	2.5644	.21073
#1	.00418	.01525	.00278	-.00054	.00064	.01825	.13142
#2	.00414	.01548	.00279	-.00043	.00056	.01821	.13182
#3	.00418	.01567	.00274	-.00038	.00064	.01743	.13196

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: S1 Acquired: 3/13/2025 11:46:26 Type: Cal
Method: NON EPA-6010-200.7(v2804) 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	3551.3	78331.	15495.	2273.9	5106.8
Stddev	5.1	92.	72.	13.3	3.2
%RSD	.14413	.11694	.46164	.58328	.06207
#1	3545.4	78264.	15448.	2289.2	5103.2
#2	3554.0	78436.	15578.	2267.2	5109.4
#3	3554.6	78294.	15460.	2265.3	5107.7

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: S2 Acquired: 3/13/2025 11:50:48 Type: Cal
Method: NON EPA-6010-200.7(v2804) 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	.03660	.05034	.15001	.04077	.09764	.14756	3.0632	.13576
Stddev	.00006	.00027	.00046	.00026	.00042	.00062	.0033	.00009
%RSD	.16657	.53671	.30829	.64484	.42508	.42241	.10877	.06536
#1	.03662	.05027	.14959	.04061	.09730	.14685	3.0614	.13577
#2	.03665	.05063	.14994	.04063	.09752	.14800	3.0670	.13567
#3	.03653	.05011	.15051	.04107	.09810	.14784	3.0611	.13584

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	.89308	.19230	.02186	.32847	.12888	.00367	.16129	.04163
Stddev	.00175	.00079	.00002	.00065	.00051	.00002	.00035	.00016
%RSD	.19624	.40901	.10157	.19726	.39805	.56129	.21868	.37248
#1	.89175	.19321	.02183	.32794	.12849	.00365	.16088	.04180
#2	.89242	.19187	.02186	.32828	.12868	.00367	.16144	.04150
#3	.89506	.19181	.02188	.32920	.12946	.00369	.16154	.04159

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	.22559	.04776	.05780	.04438	.95068	.02463	.23306	.51326
Stddev	.00023	.00022	.00020	.00016	.00537	.00014	.00023	.00085
%RSD	.10208	.46717	.34469	.36241	.56502	.57526	.09929	.16658
#1	.22539	.04769	.05776	.04430	.95503	.02479	.23321	.51228
#2	.22554	.04801	.05802	.04428	.94467	.02451	.23280	.51379
#3	.22584	.04758	.05763	.04457	.95234	.02460	.23319	.51373

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	.08123	.26723	.00569	.02471	.01708	.49980	5.4116
Stddev	.00042	.00064	.00002	.00006	.00016	.00017	.0059
%RSD	.51211	.23969	.27903	.22942	.94982	.03331	.10916
#1	.08075	.26713	.00570	.02467	.01690	.49998	5.4076
#2	.08142	.26665	.00568	.02468	.01711	.49966	5.4184
#3	.08152	.26792	.00568	.02477	.01722	.49977	5.4087

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: S2 Acquired: 3/13/2025 11:50:48 Type: Cal
Method: NON EPA-6010-200.7(v2804) 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	3537.3	78521.	16074.	2257.7	4992.7
Stddev	4.6	161.	44.	15.3	7.4
%RSD	.12937	.20539	.27248	.67696	.14880
#1	3539.7	78364.	16034.	2242.3	4995.4
#2	3540.2	78687.	16121.	2272.9	4998.5
#3	3532.0	78511.	16066.	2258.0	4984.3

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: S3 Acquired: 3/13/2025 11:54:53 Type: Cal
Method: NON EPA-6010-200.7(v2804) 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	.11628	.15821	.47445	.12885	.30681	.46237	9.4976	.42370
Stddev	.00026	.00050	.00139	.00063	.00099	.00026	.0868	.00150
%RSD	.22754	.31732	.29319	.49265	.32155	.05635	.91409	.35436
#1	.11604	.15821	.47304	.12820	.30570	.46230	9.5136	.42423
#2	.11624	.15872	.47448	.12888	.30714	.46266	9.5753	.42486
#3	.11656	.15772	.47582	.12947	.30758	.46216	9.4039	.42200

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	2.8385	.60057	.06813	1.0395	.40029	.01119	.50364	.13085
Stddev	.0055	.00172	.00011	.0016	.00097	.00005	.00154	.00113
%RSD	.19460	.28567	.16642	.15312	.24107	.46152	.30522	.86387
#1	2.8357	.59944	.06812	1.0381	.39942	.01123	.50521	.13133
#2	2.8349	.60255	.06825	1.0391	.40012	.01122	.50356	.13166
#3	2.8448	.59974	.06802	1.0412	.40133	.01113	.50214	.12955

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	.71211	.14820	.18246	.14072	2.9194	.07752	.71996	1.5926
Stddev	.00187	.00030	.00232	.00034	.0121	.00036	.00403	.0056
%RSD	.26300	.20412	1.2697	.23890	.41410	.45960	.55955	.34945
#1	.71100	.14825	.18435	.14077	2.9218	.07768	.71704	1.5885
#2	.71106	.14847	.17987	.14102	2.9301	.07711	.72455	1.5904
#3	.71428	.14787	.18315	.14036	2.9063	.07776	.71828	1.5989

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	.25925	.83198	.01748	.08285	.05596	1.5634	16.789
Stddev	.00035	.00142	.00007	.00007	.00010	.0053	.198
%RSD	.13416	.17039	.38052	.08312	.17345	.33979	1.1787
#1	.25941	.83357	.01754	.08279	.05607	1.5689	16.940
#2	.25885	.83087	.01741	.08284	.05590	1.5583	16.861
#3	.25949	.83149	.01748	.08293	.05590	1.5630	16.565

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: S3 Acquired: 3/13/2025 11:54:53 Type: Cal
Method: NON EPA-6010-200.7(v2804) 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	3460.2	78160.	15867.	2230.2	4760.0
Stddev	9.1	158.	60.	6.1	9.5
%RSD	.26353	.20258	.38043	.27150	.20026
#1	3461.2	77979.	15853.	2223.2	4757.7
#2	3468.8	78227.	15815.	2233.8	4770.5
#3	3450.6	78274.	15933.	2233.6	4751.9

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: S4 Acquired: 3/13/2025 11:59:06 Type: Cal
Method: NON EPA-6010-200.7(v2804) 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	.23679	.31532	.95284	.25320	.59820	.92525	18.690	.87033
Stddev	.00028	.00134	.00093	.00036	.00052	.00156	.185	.00238
%RSD	.11947	.42363	.09742	.14175	.08627	.16891	.98718	.27355
#1	.23650	.31679	.95386	.25341	.59788	.92576	18.898	.86884
#2	.23707	.31500	.95259	.25278	.59793	.92649	18.548	.87308
#3	.23681	.31418	.95206	.25340	.59880	.92349	18.623	.86908

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5.6831	1.1870	.13344	2.0660	.77894	.02174	.99770	.26321
Stddev	.0104	.0024	.00037	.0017	.00069	.00008	.00467	.00017
%RSD	.18368	.20381	.27925	.08313	.08921	.38597	.46784	.06328
#1	5.6949	1.1882	.13385	2.0670	.77851	.02184	1.0001	.26336
#2	5.6751	1.1886	.13311	2.0640	.77857	.02169	1.0007	.26324
#3	5.6792	1.1842	.13336	2.0669	.77974	.02170	.99232	.26303

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	1.4127	.29572	.36342	.28031	5.7287	.15135	1.4852	3.0968
Stddev	.0008	.00060	.00256	.00106	.0154	.00059	.0048	.0010
%RSD	.05871	.20174	.70470	.37920	.26932	.39121	.32587	.03121
#1	1.4135	.29568	.36570	.28098	5.7112	.15149	1.4851	3.0977
#2	1.4118	.29515	.36065	.28087	5.7348	.15070	1.4901	3.0958
#3	1.4127	.29634	.36391	.27909	5.7402	.15186	1.4804	3.0968

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	.50993	1.6426	.03565	.16889	.11291	3.1418	33.040
Stddev	.00111	.0050	.00005	.00039	.00014	.0071	.432
%RSD	.21761	.30485	.13823	.23272	.12022	.22563	1.3066
#1	.51113	1.6450	.03569	.16935	.11289	3.1484	32.891
#2	.50970	1.6459	.03567	.16867	.11278	3.1426	33.527
#3	.50895	1.6368	.03560	.16866	.11305	3.1343	32.703

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: S4 Acquired: 3/13/2025 11:59:06 Type: Cal
Method: NON EPA-6010-200.7(v2804) 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	3438.1	76550.	15063.	2202.3	4619.0
Stddev	1.7	27.	65.	6.7	2.5
%RSD	.05080	.03487	.43165	.30285	.05365
#1	3440.0	76531.	15062.	2208.6	4616.5
#2	3437.5	76581.	14999.	2195.3	4621.5
#3	3436.7	76539.	15129.	2202.9	4619.1

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: S5 Acquired: 3/13/2025 12:03:18 Type: Cal
Method: NON EPA-6010-200.7(v2804) 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	.47043	.62312	1.9097	.50576	1.2076	1.9053	39.358	1.7562
Stddev	.00206	.00472	.0073	.00190	.0040	.0029	.650	.0094
%RSD	.43741	.75742	.38461	.37588	.33408	.14975	1.6512	.53413
#1	.47020	.62846	1.9081	.50622	1.2058	1.9060	39.643	1.7571
#2	.46850	.61952	1.9033	.50367	1.2048	1.9077	39.816	1.7651
#3	.47260	.62139	1.9177	.50738	1.2122	1.9021	38.614	1.7464

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	11.568	2.4584	.26394	4.2228	1.5450	.04528	2.0660	.54707
Stddev	.041	.0057	.00030	.0141	.0066	.00022	.0095	.00163
%RSD	.35736	.23159	.11281	.33421	.42743	.49391	.46053	.29842
#1	11.549	2.4584	.26373	4.2153	1.5422	.04528	2.0643	.54827
#2	11.540	2.4641	.26428	4.2140	1.5403	.04551	2.0763	.54774
#3	11.615	2.4527	.26382	4.2391	1.5525	.04506	2.0575	.54521

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	2.8701	.60225	.77562	.57775	11.539	.32511	2.9902	6.1814
Stddev	.0095	.00161	.00290	.00203	.023	.00080	.0114	.0223
%RSD	.32972	.26790	.37357	.35202	.19975	.24709	.38226	.36162
#1	2.8634	.60138	.77726	.57918	11.529	.32581	2.9882	6.1771
#2	2.8659	.60411	.77732	.57865	11.523	.32530	3.0025	6.1615
#3	2.8809	.60125	.77227	.57542	11.566	.32423	2.9799	6.2056

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707	Sr4077
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1.0340	3.4302	.07309	.35466	.23735	6.6462	67.643
Stddev	.0036	.0068	.00016	.00112	.00080	.0207	.313
%RSD	.34391	.19918	.22210	.31601	.33746	.31099	.46226
#1	1.0343	3.4304	.07307	.35426	.23772	6.6449	67.845
#2	1.0303	3.4369	.07294	.35379	.23643	6.6674	67.800
#3	1.0374	3.4232	.07326	.35593	.23789	6.6262	67.282

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: S5 Acquired: 3/13/2025 12:03:18 Type: Cal
Method: NON EPA-6010-200.7(v2804) 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	3336.7	74580.	14829.	2146.7	4361.5
Stddev	11.9	138.	38.	4.2	12.1
%RSD	.35607	.18569	.25456	.19433	.27785
#1	3345.7	74456.	14832.	2143.9	4372.4
#2	3341.2	74556.	14790.	2151.5	4363.7
#3	3323.2	74729.	14865.	2144.8	4348.4

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: ICV01 Acquired: 3/13/2025 12:07:29 Type: Unk
Method: NON EPA-6010-200.7(v2804) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.023319	1.052094	1.001120	1.044511	1.015793	2.507610	.5329574
Stddev	.004018	.006402	.000878	.005339	.003001	.004977	.0025129
%RSD	.3926613	.6085450	.0877064	.5111775	.2954273	.1984933	.4715047
#1	1.018768	1.045256	1.001411	1.042022	1.014656	2.504538	.5307364
#2	1.026377	1.053078	1.000134	1.040871	1.013526	2.513353	.5324509
#3	1.024811	1.057947	1.001816	1.050641	1.019196	2.504940	.5356851

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5364067	.5027774	9.869264	.5252467	.5102300	.5292622	9.861429
Stddev	.0024429	.0009015	.038361	.0020061	.0017139	.0008468	.080696
%RSD	.4554235	.1793134	.3886887	.3819296	.3359034	.1599883	.8183029
#1	.5345120	.5027253	9.826077	.5229693	.5091791	.5290191	9.847845
#2	.5391639	.5019030	9.899385	.5260191	.5093030	.5285635	9.788386
#3	.5355442	.5037038	9.882331	.5267518	.5122077	.5302039	9.948055

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5415575	6.274207	.5454800	.2522255	10.18936	.5183829	1.015069
Stddev	.0044512	.034938	.0007003	.0004928	.10033	.0015395	.004345
%RSD	.8219249	.5568493	.1283813	.1953664	.9846097	.2969825	.4280379
#1	.5376438	6.241979	.5450443	.2519366	10.17582	.5197048	1.013295
#2	.5406289	6.311337	.5451079	.2519454	10.09649	.5187512	1.011892
#3	.5463997	6.269305	.5462878	.2527945	10.29576	.5166926	1.020020

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.14291	2.696643	2.396587	2.436881	2.446002	2.492802	2.550578
Stddev	.07966	.012970	.004715	.004191	.009222	.015458	.005394
%RSD	.7853317	.4809520	.1967243	.1719643	.3770349	.6200931	.2114913
#1	10.13796	2.686208	2.393245	2.432842	2.439754	2.504716	2.546482
#2	10.06585	2.711163	2.394537	2.436592	2.441659	2.475335	2.548562
#3	10.22493	2.692559	2.401980	2.441208	2.456595	2.498355	2.556690

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: ICV01 Acquired: 3/13/2025 12:07:29 Type: Unk
Method: NON EPA-6010-200.7(v2804) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICV01 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.475240	2.545217	2.544442
Stddev	.013193	.014263	.021560
%RSD	.5329980	.5603741	.8473313
#1	2.465872	2.540983	2.559040
#2	2.469520	2.533549	2.554608
#3	2.490328	2.561117	2.519679

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3494.428	79269.35	16100.95	2257.771	4859.966
Stddev	11.432	107.09	64.06	14.089	15.032
%RSD	.3271619	.1350941	.3978719	.6240250	.3092956
#1	3501.051	79259.40	16154.01	2265.356	4870.125
#2	3501.006	79381.07	16029.78	2266.442	4867.075
#3	3481.227	79167.59	16119.05	2241.514	4842.699

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: LLICV01 Acquired: 3/13/2025 12:13:04 Type: Unk
Method: NON EPA-6010-200.7(v2804) 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	.0172596	.0421056	.0126067	.0192262	.0542969	.0985612
Stddev	.0021532	.0014164	.0009774	.0023553	.0004698	.0028567
%RSD	12.47529	3.363848	7.753288	12.25065	.8651495	2.898435
#1	.0177924	.0405700	.0134722	.0189478	.0542033	.1008285
#2	.0190964	.0433608	.0115466	.0217083	.0538810	.0995024
#3	.0148901	.0423860	.0128013	.0170223	.0548064	.0953526

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0922136	.0061511	.0059476	1.971992	.0100806	.0297386
Stddev	.0031802	.0000778	.0000172	.005510	.0000608	.0000835
%RSD	3.448772	1.265271	.2886948	.2794300	.6031870	.2808128
#1	.0958675	.0062329	.0059378	1.975128	.0101009	.0296835
#2	.0907041	.0061423	.0059674	1.965630	.0101287	.0296977
#3	.0900693	.0060780	.0059375	1.975219	.0100123	.0298347

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0227367	.1009157	.0196450	2.096364	.0396712	.0106344
Stddev	.0000976	.0027397	.0002434	.011569	.0001238	.0002441
%RSD	.4290747	2.714793	1.238821	.5518669	.3121577	2.295091
#1	.0227247	.1008352	.0199259	2.083227	.0398133	.0104430
#2	.0228397	.0982172	.0195094	2.105031	.0395865	.0109092
#3	.0226457	.1036947	.0194996	2.100835	.0396138	.0105508

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.740375	.0392525	.0413438	1.847967	.1174394	.2101818
Stddev	.011571	.0012542	.0005091	.008042	.0013122	.0005881
%RSD	.6648488	3.195228	1.231411	.4352054	1.117333	.2798081
#1	1.733409	.0403237	.0415255	1.853820	.1184029	.2095075
#2	1.753731	.0395609	.0417372	1.838796	.1179704	.2104497
#3	1.733983	.0378729	.0407688	1.851285	.1159449	.2105883

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: LLICV01 Acquired: 3/13/2025 12:13:04 Type: Unk
Method: NON EPA-6010-200.7(v2804) 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	.0389652	.0396029	.3536584	F .0152969	.0197096	.0194271
Stddev	.0006797	.0006561	.0037506	.0002645	.0004861	.0001142
%RSD	1.744489	1.656714	1.060509	1.728855	2.466358	.5876699
#1	.0396652	.0399245	.3525044	.0150709	.0191625	.0195502
#2	.0383077	.0400361	.3506204	.0152320	.0200919	.0194066
#3	.0389228	.0388480	.3578503	.0155877	.0198743	.0193247

Elem	Sr4077
Units	ppm
Avg	.0197111
Stddev	.0011097
%RSD	5.630027
#1	.0209926
#2	.0190712
#3	.0190697

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3521.223	79681.09	15157.86	2274.726	5064.013
Stddev	11.137	204.30	97.52	7.703	11.334
%RSD	.3162823	.2564017	.6433576	.3386518	.2238159
#1	3531.130	79445.52	15066.39	2268.786	5074.449
#2	3523.369	79787.88	15146.70	2271.961	5065.635
#3	3509.168	79809.86	15260.47	2283.430	5051.956

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: ICB01 Acquired: 3/13/2025 12:17:21 Type: Unk
Method: NON EPA-6010-200.7(v2804) 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	-.002229	.0014001	-.000087	.0023069	.0009129	-.015462	.0027191
Stddev	.001030	.0006760	.000277	.0015516	.0019763	.000567	.0006563
%RSD	46.22196	48.28733	317.5144	67.25828	216.4989	3.666943	24.13578
#1	-.003418	.0020249	.000116	.0025256	-.001284	-.015767	.0034501
#2	-.001678	.0014929	.000025	.0037374	.002547	-.015811	.0025266
#3	-.001592	.0006824	-.000402	.0006575	.001476	-.014808	.0021807

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000112	-.000026	-.004653	-.000048	.0000323	-.000172	.0022416
Stddev	.0000302	.000093	.009998	.000649	.0001114	.000062	.0027950
%RSD	268.9461	356.4676	214.8816	1356.466	344.8556	35.84461	124.6865
#1	-.000011	.000080	.005628	-.000166	-.000088	-.000198	.0054509
#2	.000046	-.000062	-.014341	.000652	.000054	-.000102	.0009328
#3	-.000001	-.000097	-.005246	-.000630	.000131	-.000216	.0003412

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000579	.0022769	.0000886	.0002191	.0190586	.0002395	-.000984
Stddev	.000060	.0046970	.0003792	.0002227	.0087512	.0002402	.000270
%RSD	10.39624	206.2914	428.0715	101.6075	45.91751	100.3184	27.43638
#1	-.000617	-.002721	.0001349	.0000503	.0143383	.0004261	-.000679
#2	-.000611	.006600	.0004425	.0004715	.0136810	-.000032	-.001081
#3	-.000510	.002951	-.000312	.0001356	.0291565	.000324	-.001192

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0205279	.0083646	-.000047	-.001327	.0011089	-.001325	-.004482
Stddev	.0141659	.0003555	.000222	.000322	.0002885	.003069	.002174
%RSD	69.00802	4.249800	472.7039	24.28550	26.01719	231.5738	48.49703
#1	.0179679	.0079609	.000195	-.001688	.0013492	.002217	-.004132
#2	.0078165	.0085019	-.000242	-.001225	.0011885	-.002994	-.006810
#3	.0357992	.0086309	-.000093	-.001067	.0007889	-.003199	-.002505

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Sample Name: ICB01 Acquired: 3/13/2025 12:17:21 Type: Unk
Method: NON EPA-6010-200.7(v2804) 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	-.001205	.0017877	-.000005
Stddev	.002275	.0011110	.000058
%RSD	188.8608	62.14833	1246.240
#1	-.003791	.0010909	.000018
#2	.000488	.0012033	-.000071
#3	-.000311	.0030690	.000039

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3492.534	77771.29	14905.66	2237.123	5055.713
Stddev	2.715	138.57	77.76	4.354	9.040
%RSD	.0777299	.1781746	.5216599	.1946324	.1788125
#1	3495.463	77827.52	14841.46	2232.440	5065.697
#2	3492.035	77872.90	14992.12	2241.049	5048.082
#3	3490.103	77613.44	14883.40	2237.881	5053.359

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: CRI01 Acquired: 3/13/2025 12:21:41 Type: Unk
Method: NON EPA-6010-200.7(v2804) 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	.0211847	.0416487	.0117389	.0213279	.0528621	.0992258
Stddev	.0017833	.0017286	.0015884	.0017131	.0009178	.0019327
%RSD	8.417925	4.150357	13.53137	8.032019	1.736232	1.947780
#1	.0203237	.0425463	.0135058	.0212138	.0518538	.0986406
#2	.0232351	.0427438	.0112814	.0196747	.0530837	.0976533
#3	.0199952	.0396560	.0104293	.0230951	.0536488	.1013834

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0940446	.0060719	.0058974	2.019066	.0104250	.0301677
Stddev	.0004139	.0000269	.0000369	.004870	.0001175	.0001030
%RSD	.4401001	.4429253	.6263642	.2412135	1.126802	.3415486
#1	.0944633	.0061029	.0059285	2.021245	.0105554	.0302790
#2	.0940346	.0060582	.0058566	2.022466	.0103275	.0301482
#3	.0936357	.0060546	.0059071	2.013487	.0103920	.0300757

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0231299	.1102897	.0205900	2.140852	.0398264	.0106236
Stddev	.0002067	.0031461	.0006144	.021546	.0002832	.0001731
%RSD	.8937693	2.852604	2.983971	1.006426	.7111547	1.628943
#1	.0231357	.1066671	.0211317	2.118860	.0401526	.0105158
#2	.0233337	.1118652	.0207159	2.141771	.0396845	.0105319
#3	.0229203	.1123368	.0199224	2.161923	.0396422	.0108233

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.827754	.0409944	.0424755	1.922954	.1099884	.2127317
Stddev	.027746	.0013023	.0002774	.026153	.0010791	.0006908
%RSD	1.518011	3.176707	.6530889	1.360059	.9811008	.3247491
#1	1.805166	.0400745	.0426606	1.897618	.1110888	.2123119
#2	1.858724	.0404242	.0426093	1.921388	.1089320	.2123542
#3	1.819373	.0424845	.0421565	1.949855	.1099443	.2135291

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Sample Name: CRI01 Acquired: 3/13/2025 12:21:41 Type: Unk
Method: NON EPA-6010-200.7(v2804) 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	.0400111	.0395867	.3662256	F .0158916	.0183800	.0204578
Stddev	.0010981	.0004552	.0051199	.0021132	.0017268	.0010730
%RSD	2.744454	1.149975	1.398022	13.29768	9.395021	5.245105
#1	.0399143	.0398825	.3628640	.0137687	.0174035	.0199262
#2	.0389646	.0390625	.3636948	.0179950	.0173627	.0197543
#3	.0411544	.0398151	.3721181	.0159112	.0203738	.0216928

Elem	Sr4077
Units	ppm
Avg	.0194576
Stddev	.0000188
%RSD	.0966164
#1	.0194764
#2	.0194576
#3	.0194388

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3493.045	77787.39	15267.76	2233.838	5011.215
Stddev	2.345	109.63	57.52	9.018	8.023
%RSD	.0671294	.1409300	.3767698	.4036976	.1601054
#1	3490.338	77710.28	15232.73	2223.573	5003.165
#2	3494.333	77739.01	15334.15	2237.459	5019.211
#3	3494.463	77912.89	15236.40	2240.483	5011.269

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: ICSA01 Acquired: 3/13/2025 12:25:58 Type: Unk
Method: NON EPA-6010-200.7(v2804) 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	.0043191	.0092274	.0047161	-.015246	-.002752	255.9178
Stddev	.0032143	.0026089	.0002738	.002611	.000723	1.0710
%RSD	74.42085	28.27313	5.806221	17.12529	26.26053	.4184876
#1	.0028472	.0110850	.0045925	-.018105	-.002815	256.1936
#2	.0021043	.0103524	.0045258	-.012987	-.002000	254.7359
#3	.0080058	.0062448	.0050299	-.014645	-.003441	256.8240

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0047186	.0012606	-.003111	242.3184	.0599869	.0015877
Stddev	.0000880	.0000419	.000049	1.1014	.0003133	.0005026
%RSD	1.865651	3.322887	1.589569	.4545303	.5222672	31.65507
#1	.0046698	.0013061	-.003168	241.4612	.0603008	.0017264
#2	.0048202	.0012236	-.003086	241.9334	.0596742	.0020064
#3	.0046657	.0012521	-.003079	243.5606	.0599858	.0010304

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0103832	103.0858	.0037665	262.3130	.0019277	-.000883
Stddev	.0007069	.1753	.0002235	1.3822	.0004305	.000287
%RSD	6.807892	.1700588	5.932679	.5269276	22.33302	32.49798
#1	.0095984	103.2143	.0037073	261.5846	.0024230	-.001029
#2	.0105814	103.1571	.0035786	261.4474	.0016430	-.000553
#3	.0109698	102.8861	.0040136	263.9071	.0017172	-.001068

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0812520	.0034870	.0046492	.1116055	F -.128877	.0000384
Stddev	.0127403	.0005941	.0006247	.0357706	.002924	.0003430
%RSD	15.68003	17.03731	13.43665	32.05097	2.269017	892.0976
#1	.0667752	.0030843	.0053229	.0850475	-.127142	.0004277
#2	.0907561	.0032075	.0040892	.1522805	-.127236	-.000219
#3	.0862246	.0041693	.0045353	.0974885	-.132253	-.000093

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: ICSA01 Acquired: 3/13/2025 12:25:58 Type: Unk
Method: NON EPA-6010-200.7(v2804) 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	-.003906	-.001020	.0216826	-.001555	-.009528	.0055634
Stddev	.000774	.000215	.0043397	.003299	.006168	.0002879
%RSD	19.81586	21.04609	20.01459	212.1479	64.73530	5.175402
#1	-.003015	-.000957	.0192414	-.004194	-.002756	.0058717
#2	-.004409	-.001259	.0191133	-.002615	-.014823	.0055172
#3	-.004295	-.000844	.0266931	.002144	-.011004	.0053014

Elem	Sr4077
Units	ppm
Avg	F .0985894
Stddev	.0004192
%RSD	.4251899
#1	.0982562
#2	.0984519
#3	.0990601

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3146.437	68248.75	14841.43	2008.065	4040.348
Stddev	2.410	91.17	75.62	3.827	6.699
%RSD	.0766011	.1335777	.5095368	.1905819	.1657906
#1	3147.957	68143.86	14892.93	2009.079	4047.972
#2	3147.697	68293.48	14876.75	2003.833	4035.405
#3	3143.658	68308.90	14754.61	2011.282	4037.668

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: ICSAB01 Acquired: 3/13/2025 12:30:22 Type: Unk
Method: NON EPA-6010-200.7(v2804) 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	.1131477	.1069166	.0541647	.0429599	.6104071	240.4082
Stddev	.0017683	.0013837	.0003964	.0030794	.0021878	1.9793
%RSD	1.562820	1.294163	.7318334	7.168038	.3584176	.8232915
#1	.1145663	.1054132	.0543054	.0394247	.6078840	242.6781
#2	.1137103	.1072002	.0537172	.0443967	.6115598	239.0428
#3	.1111666	.1081366	.0544716	.0450582	.6117776	239.5036

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4849569	.4908953	1.002948	231.1152	.5640676	.5084867
Stddev	.0020811	.0024778	.002420	1.2219	.0014895	.0014464
%RSD	.4291335	.5047595	.2412904	.5287102	.2640579	.2844585
#1	.4867010	.4937339	1.000467	232.5006	.5629073	.5068212
#2	.4855166	.4891657	1.003076	230.6542	.5657472	.5092106
#3	.4826532	.4897863	1.005302	230.1908	.5635482	.5094282

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5037197	100.4457	.4758053	248.9152	1.005905	.2183363
Stddev	.0013971	.4143	.0028112	1.3351	.002991	.0008128
%RSD	.2773634	.4124413	.5908285	.5363652	.2973541	.3722694
#1	.5021167	100.3118	.4781586	250.4568	1.002529	.2175780
#2	.5043638	100.9104	.4765650	248.1342	1.006962	.2191944
#3	.5046785	100.1150	.4726923	248.1547	1.008225	.2182364

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0936484	.4696274	1.047119	.0789780	.8695390	1.068719
Stddev	.0237110	.0030323	.004030	.0118902	.0035339	.001219
%RSD	25.31917	.6456783	.3848444	15.05507	.4064105	.1140540
#1	.0800141	.4729426	1.050028	.0874868	.8731053	1.067571
#2	.1210274	.4669941	1.042519	.0840551	.8660384	1.069998
#3	.0799037	.4689454	1.048809	.0653921	.8694732	1.068588

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: ICSAB01 Acquired: 3/13/2025 12:30:22 Type: Unk
Method: NON EPA-6010-200.7(v2804) 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	1.088035	1.010617	.9838758	F 10.37073	F 10.59370	F 9.806880
Stddev	.002604	.005677	.0043700	.02176	.00948	.060009
%RSD	.2392886	.5617337	.4441635	.2098084	.0895202	.6119101
#1	1.089235	1.016044	.9883253	10.34562	10.59769	9.852287
#2	1.089822	1.011087	.9837122	10.38406	10.60054	9.829506
#3	1.085048	1.004720	.9795898	10.38252	10.58288	9.738847

Elem	Sr4077
Units	ppm
Avg	F 9.185808
Stddev	.063531
%RSD	.6916244
#1	9.179081
#2	9.125908
#3	9.252435

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3092.634	68363.42	15236.19	2015.378	3970.825
Stddev	5.747	113.41	80.08	6.216	6.279
%RSD	.1858201	.1658891	.5256156	.3084520	.1581217
#1	3098.598	68488.52	15145.53	2018.965	3977.926
#2	3092.171	68267.36	15297.30	2018.969	3968.539
#3	3087.133	68334.39	15265.74	2008.200	3966.009

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: ICSADLX20 Acquired: 3/13/2025 12:34:40 Type: Unk
Method: NON EPA-6010-200.7(v2804) 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	-.001301	.0010719	.0000700	.0021077	-.000424	12.50627	-.000428
Stddev	.000873	.0005251	.0003773	.0026735	.000660	.00964	.000525
%RSD	67.06615	48.98561	538.7816	126.8416	155.8942	.0771101	122.7019
#1	-.002116	.0009952	.0000549	.0004706	.000318	12.51734	.000175
#2	-.001406	.0005894	-.000300	.0051928	-.000639	12.50177	-.000676
#3	-.000381	.0016311	.000455	.0006597	-.000949	12.49971	-.000784

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000709	-.000101	12.26734	.0026626	.0002647	.0002560	4.604028
Stddev	.0000244	.000015	.04848	.0000923	.0000791	.0002120	.014562
%RSD	34.36048	14.57521	.3952023	3.465430	29.90373	82.81687	.3162843
#1	.0000728	-.000102	12.31552	.0026755	.0002031	.0003895	4.616648
#2	.0000456	-.000114	12.26795	.0025646	.0002370	.0003669	4.588095
#3	.0000943	-.000085	12.21856	.0027478	.0003539	.0000115	4.607340

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000365	12.84154	.0001134	.0002111	.0041553	-.000592	-.000490
Stddev	.000246	.00931	.0003747	.0004530	.0222161	.001223	.000204
%RSD	67.37318	.0724820	330.3494	214.5764	534.6389	206.5251	41.54907
#1	-.000084	12.84894	.0005400	-.000266	-.006240	-.000880	-.000278
#2	-.000470	12.83109	-.000037	.000635	-.010957	.000749	-.000684
#3	-.000541	12.84459	-.000163	.000265	.029663	-.001646	-.000508

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0058223	-.009213	.0000062	-.001406	.0003266	.0007294	-.003690
Stddev	.0154494	.000650	.0002523	.000749	.0009521	.0012894	.000567
%RSD	265.3511	7.051829	4053.066	53.26347	291.4941	176.7806	15.36038
#1	-.009528	-.008469	.0000724	-.002270	-.000630	.0010234	-.003227
#2	.005626	-.009667	.0002188	-.000970	.000335	-.000682	-.003522
#3	.021369	-.009502	-.000273	-.000976	.001275	.001846	-.004322

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Inst Id :P4
LB :LB135035

Sample Name: ICSADLX20 Acquired: 3/13/2025 12:34:40 Type: Unk
Method: NON EPA-6010-200.7(v2804) 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	-.002820	.0014477	.0048208
Stddev	.000880	.0008391	.0000408
%RSD	31.20405	57.96113	.8453568
#1	-.003356	.0014061	.0048296
#2	-.001804	.0006302	.0048565
#3	-.003300	.0023068	.0047764

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3490.599	78594.99	14550.86	2256.867	4909.572
Stddev	13.101	277.60	19.46	6.481	16.055
%RSD	.3753130	.3532056	.1337374	.2871514	.3270067
#1	3489.327	78627.61	14554.54	2261.348	4913.277
#2	3504.290	78854.85	14568.22	2259.816	4923.450
#3	3478.181	78302.53	14529.83	2249.436	4891.989

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: ICSABDLX20 Acquired: 3/13/2025 12:38:56 Type: Unk
Method: NON EPA-6010-200.7(v2804) 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	.0054837	.0062559	.0027619	.0054511	.0313760	12.88174	.0255975
Stddev	.0006390	.0007697	.0005939	.0005579	.0006464	.01404	.0010747
%RSD	11.65323	12.30312	21.50229	10.23409	2.060291	.1090106	4.198607
#1	.0056806	.0057290	.0031141	.0052298	.0321208	12.87154	.0248271
#2	.0060010	.0071391	.0020762	.0050379	.0309612	12.87593	.0251401
#3	.0047694	.0058995	.0030952	.0060857	.0310459	12.89776	.0268253

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0282476	.0524851	12.71507	.0315623	.0261492	.0284393	5.046730
Stddev	.0001554	.0003021	.04016	.0002142	.0000375	.0001753	.009059
%RSD	.5500239	.5756223	.3158710	.6785631	.1432409	.6165286	.1795090
#1	.0282030	.0522378	12.70196	.0316477	.0261725	.0282507	5.036398
#2	.0281194	.0523957	12.68310	.0313186	.0261060	.0284699	5.050478
#3	.0284204	.0528218	12.76015	.0317206	.0261692	.0285974	5.053314

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0255567	13.21483	.0525936	.0117177	.0250943	.0257439	.0554142
Stddev	.0001210	.08392	.0002770	.0000462	.0096312	.0020309	.0005795
%RSD	.4734889	.6350077	.5267474	.3942928	38.38003	7.888751	1.045797
#1	.0256882	13.21852	.0524924	.0116861	.0192240	.0238980	.0547451
#2	.0255321	13.12914	.0523814	.0117707	.0198493	.0279194	.0557385
#3	.0254499	13.29685	.0529070	.0116962	.0362096	.0254144	.0557588

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0121306	.0487079	.0585736	.0559624	.0560987	.0520832	-.004820
Stddev	.0343922	.0005101	.0002947	.0008596	.0006986	.0049713	.001244
%RSD	283.5161	1.047286	.5032186	1.536023	1.245368	9.544912	25.81278
#1	.0375969	.0489100	.0584926	.0552269	.0562052	.0506462	-.006152
#2	.0257874	.0481277	.0583278	.0557529	.0553529	.0479887	-.003689
#3	-.026992	.0490860	.0589004	.0569074	.0567380	.0576147	-.004619

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: ICSABDLX20 Acquired: 3/13/2025 12:38:56 Type: Unk
Method: NON EPA-6010-200.7(v2804) 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	-.000568	.0006648	.0050006
Stddev	.001425	.0001634	.0000175
%RSD	250.9729	24.57701	.3504821
#1	.000084	.0005942	.0049945
#2	-.002202	.0005486	.0049869
#3	.000415	.0008517	.0050203

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3461.425	74923.30	14782.78	2185.858	4869.774
Stddev	8.021	64.85	18.58	7.521	17.440
%RSD	.2317244	.0865607	.1257165	.3440791	.3581363
#1	3467.124	74981.04	14777.88	2194.508	4883.851
#2	3464.898	74853.14	14803.32	2180.866	4875.208
#3	3452.253	74935.74	14767.13	2182.199	4850.264

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: CCV01 Acquired: 3/13/2025 12:53:26 Type: Unk
Method: NON EPA-6010-200.7(v2804) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.158631	5.104539	5.192543	5.067368	5.055720	10.26613	9.861959
Stddev	.031720	.041858	.010813	.018813	.018132	.00918	.141106
%RSD	.6149003	.8200141	.2082393	.3712643	.3586492	.0894629	1.430806
#1	5.158688	5.147777	5.182641	5.067201	5.046514	10.26916	10.01796
#2	5.126882	5.064213	5.190906	5.048638	5.044038	10.25582	9.82470
#3	5.190323	5.101627	5.204081	5.086263	5.076608	10.27342	9.74322

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2736909	2.567739	25.45599	1.049302	2.555001	1.283313	4.894597
Stddev	.0022023	.005441	.06450	.004224	.004205	.005376	.030686
%RSD	.8046569	.2118889	.2533867	.4025647	.1645636	.4188954	.6269295
#1	.2758250	2.563836	25.52483	1.044433	2.551228	1.282797	4.860760
#2	.2738214	2.565427	25.44620	1.051980	2.554241	1.278213	4.902412
#3	.2714263	2.573954	25.39695	1.051495	2.559534	1.288927	4.920620

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.533204	25.69180	2.557642	1.295268	24.00098	2.547808	2.596435
Stddev	.003387	.08549	.006109	.002522	.26585	.005125	.009996
%RSD	.1336899	.3327523	.2388683	.1946724	1.107644	.2011376	.3849900
#1	2.536538	25.75849	2.552663	1.293080	23.86444	2.553725	2.584912
#2	2.529767	25.72149	2.555802	1.294699	23.83115	2.544892	2.602770
#3	2.533307	25.59543	2.564459	1.298026	24.30735	2.544806	2.601624

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.92823	5.426926	5.117513	5.148932	5.003388	4.992882	5.209350
Stddev	.27343	.054191	.015008	.010290	.008718	.032646	.024400
%RSD	1.142730	.9985609	.2932585	.1998465	.1742505	.6538578	.4683872
#1	23.67957	5.484535	5.115103	5.147252	5.013364	4.958813	5.215064
#2	23.88407	5.419278	5.103855	5.139585	4.999572	4.995942	5.182600
#3	24.22106	5.376965	5.133579	5.159958	4.997229	5.023891	5.230385

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: CCV01 Acquired: 3/13/2025 12:53:26 Type: Unk
Method: NON EPA-6010-200.7(v2804) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV01 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.037267	4.969641	5.020896
Stddev	.011414	.009119	.016251
%RSD	.2265906	.1834960	.3236644
#1	5.040780	4.974334	5.037071
#2	5.024509	4.959131	5.004570
#3	5.046511	4.975457	5.021046

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3391.254	73690.80	14067.45	2158.217	4539.866
Stddev	4.817	362.79	71.19	14.473	3.956
%RSD	.1420473	.4923073	.5060815	.6706014	.0871332
#1	3386.689	74061.56	13994.01	2174.705	4535.300
#2	3396.289	73674.28	14072.19	2152.336	4542.269
#3	3390.784	73336.56	14136.16	2147.611	4542.029

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: CCB01 Acquired: 3/13/2025 12:58:02 Type: Unk
Method: NON EPA-6010-200.7(v2804) 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	-.002387	.0010977	.0004597	.0021695	.0006425	-.006921	.0003490
Stddev	.002634	.0007532	.0009438	.0027988	.0004202	.003487	.0006989
%RSD	110.3475	68.61981	205.2970	129.0064	65.39873	50.38731	200.2563
#1	-.000440	.0012934	.0002170	.0002679	.0006682	-.003514	-.000356
#2	-.005384	.0017337	-.000339	.0053832	.0010492	-.010483	.001042
#3	-.001337	.0002659	.001501	.0008573	.0002100	-.006766	.000361

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000054	-.000002	-.012236	.0003246	.0001148	.0000355	.0018518
Stddev	.000028	.000041	.002315	.0001669	.0000755	.0001259	.0010769
%RSD	52.52552	1833.101	18.91785	51.41510	65.72702	353.9966	58.15245
#1	-.000026	.000035	-.009658	.0004697	.0000760	-.000048	.0010685
#2	-.000083	-.000046	-.014136	.0003618	.0000666	.000180	.0030799
#3	-.000053	.000004	-.012912	.0001422	.0002018	-.000026	.0014071

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000597	-.009727	.0000693	.0001260	.0129714	.0010015	-.000644
Stddev	.000246	.008047	.0002227	.0001247	.0163551	.0012492	.000157
%RSD	41.13439	82.72277	321.2428	98.97174	126.0857	124.7235	24.40945
#1	-.000870	-.004231	.0001728	.0000670	.0007951	.0024266	-.000772
#2	-.000525	-.018964	.0002216	.0000417	.0065579	.0004824	-.000692
#3	-.000395	-.005987	-.000186	.0002692	.0315612	.0000957	-.000469

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.026845	.0064743	.0002276	-.000597	.0009144	.0065644	-.005550
Stddev	.016867	.0009511	.0001302	.000106	.0011743	.0027744	.000951
%RSD	62.82964	14.69111	57.20689	17.66870	128.4210	42.26534	17.13651
#1	-.028246	.0074369	.0003728	-.000719	.0018842	.0035349	-.006639
#2	-.042968	.0055350	.0001211	-.000545	-.000391	.0089814	-.004881
#3	-.009322	.0064509	.0001890	-.000528	.001250	.0071768	-.005130

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: CCB01 Acquired: 3/13/2025 12:58:02 Type: Unk
Method: NON EPA-6010-200.7(v2804) 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	-.001048	.0009422	-.000047
Stddev	.003835	.0006982	.000006
%RSD	365.7758	74.10638	13.21865
#1	-.000354	.0003295	-.000051
#2	.002392	.0017024	-.000040
#3	-.005183	.0007948	-.000050

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3473.782	77092.51	14926.39	2235.288	5055.090
Stddev	4.752	315.59	103.17	3.922	12.291
%RSD	.1367904	.4093631	.6912249	.1754671	.2431440
#1	3470.997	76808.51	14885.10	2230.789	5050.142
#2	3479.269	77036.77	14850.24	2237.086	5069.084
#3	3471.082	77432.26	15043.81	2237.989	5046.044

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: PB166963BL Acquired: 3/13/2025 13:02:22 Type: Unk
Method: NON EPA-6010-200.7(v2804) 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	-.001712	-.001582	.0010024	.0034584	.0011461	-.006177	.0001657
Stddev	.001823	.001105	.0007616	.0009622	.0006692	.006834	.0009626
%RSD	106.4948	69.85166	75.97014	27.82072	58.38920	110.6289	580.8715
#1	-.001867	-.001609	.0003377	.0035662	.0017899	-.000227	-.000430
#2	.000184	-.000464	.0018334	.0043621	.0004541	-.004663	.001276
#3	-.003453	-.002673	.0008362	.0024469	.0011943	-.013640	-.000349

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000007	.0000286	-.009708	.0000395	.0000093	-.000175	.0025975
Stddev	.000005	.0000066	.005527	.0002419	.0001754	.000137	.0020220
%RSD	68.22822	23.10413	56.93001	612.1016	1882.601	78.09927	77.84359
#1	-.000002	.0000319	-.012828	-.000004	.0001713	-.000018	.0044888
#2	-.000007	.0000210	-.003327	-.000177	.0000336	-.000266	.0028375
#3	-.000012	.0000329	-.012970	.000300	-.000177	-.000241	.0004662

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000664	.0005399	-.000248	.0002709	-.002837	.0002537	-.000858
Stddev	.000172	.0099706	.000141	.0001489	.004462	.0007522	.000314
%RSD	25.89905	1846.799	56.79224	54.95437	157.2531	296.4656	36.54158
#1	-.000765	.0109728	-.000379	.0002114	-.007334	-.000567	-.001093
#2	-.000465	-.008893	-.000266	.0004403	-.002768	.000418	-.000979
#3	-.000761	-.000460	-.000099	.0001610	.001589	.000910	-.000502

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.012438	.0013039	-.000084	-.001209	.0009564	.0013470	-.005708
Stddev	.016013	.0002088	.000242	.000385	.0006682	.0057961	.002626
%RSD	128.7392	16.01630	287.4437	31.82478	69.86735	430.3045	46.01036
#1	-.029900	.0011323	-.000210	-.000783	.0007649	-.004023	-.002678
#2	.001558	.0012429	.000195	-.001532	.0004048	.000572	-.007335
#3	-.008973	.0015364	-.000238	-.001310	.0016994	.007492	-.007110

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: PB166963BL Acquired: 3/13/2025 13:02:22 Type: Unk
Method: NON EPA-6010-200.7(v2804) 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	-.001600	.0013711	.0000031
Stddev	.004471	.0022777	.0000428
%RSD	279.3829	166.1250	1387.339
#1	-.004607	.0001086	.0000134
#2	.003537	.0000042	.0000398
#3	-.003731	.0040005	-.000044

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3466.354	76993.14	14829.64	2217.137	5062.884
Stddev	7.308	109.97	75.90	11.537	12.224
%RSD	.2108343	.1428287	.5118090	.5203443	.2414480
#1	3463.376	76883.06	14911.50	2227.711	5058.307
#2	3474.681	77103.00	14761.61	2218.866	5076.736
#3	3461.006	76993.38	14815.80	2204.833	5053.609

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: PB166963BS Acquired: 3/13/2025 13:06:42 Type: Unk
Method: NON EPA-6010-200.7(v2804) 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	.7921126	1.969061	.9809113	1.970539	.7965106	1.948118
Stddev	.0026696	.015587	.0025661	.013113	.0034586	.006647
%RSD	.3370280	.7916054	.2616041	.6654438	.4342174	.3412043
#1	.7890473	1.970557	.9795774	1.960771	.7964753	1.940482
#2	.7933620	1.983847	.9792869	1.965404	.7930698	1.952602
#3	.7939284	1.952780	.9838697	1.985442	.7999867	1.951272

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1825339	.2065478	.1938344	1.000317	.4169650	.1947180
Stddev	.0005647	.0007741	.0004803	.002884	.0004448	.0009376
%RSD	.3093849	.3747919	.2477728	.2883206	.1066808	.4815358
#1	.1822806	.2059356	.1933046	.997107	.4164938	.1938449
#2	.1821402	.2074179	.1939577	1.001156	.4170236	.1946003
#3	.1831810	.2062898	.1942411	1.002689	.4173776	.1957090

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3093994	2.846777	.1945305	1.922776	.4891141	.0762624
Stddev	.0009825	.007889	.0000454	.037173	.0005708	.0001133
%RSD	.3175550	.2771334	.0233157	1.933323	.1167085	.1485032
#1	.3087115	2.837693	.1944782	1.885348	.4884787	.0763162
#2	.3089622	2.851908	.1945582	1.959690	.4892797	.0761323
#3	.3105247	2.850731	.1945552	1.923290	.4895837	.0763388

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.650329	.2892281	.2039316	8.997270	.3004789	.3995987
Stddev	.017570	.0012122	.0006808	.039344	.0026822	.0010639
%RSD	.6629288	.4191029	.3338545	.4372828	.8926560	.2662512
#1	2.656570	.2883203	.2033298	9.030533	.2976240	.3985228
#2	2.663926	.2906046	.2037944	8.953841	.3029463	.3996229
#3	2.630491	.2887593	.2046706	9.007435	.3008662	.4006502

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: PB166963BS Acquired: 3/13/2025 13:06:42 Type: Unk
Method: NON EPA-6010-200.7(v2804) 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	.6916779	.1890023	.7540904	5.720030	F -.012654	.1955976
Stddev	.0018681	.0003290	.0054837	.031233	.003838	.0006232
%RSD	.2700851	.1740862	.7271992	.5460200	30.32734	.3185940
#1	.6895357	.1892369	.7548939	5.684085	-.014111	.1957643
#2	.6929681	.1891439	.7482493	5.735458	-.008301	.1961204
#3	.6925300	.1886262	.7591281	5.740546	-.015550	.1949080

Elem	Sr4077
Units	ppm
Avg	.1880190
Stddev	.0002544
%RSD	.1353232
#1	.1879573
#2	.1882987
#3	.1878012

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3405.691	74839.64	14523.99	2176.320	4822.206
Stddev	9.011	159.18	68.28	5.925	8.024
%RSD	.2645934	.2126964	.4701243	.2722591	.1663953
#1	3410.329	74843.18	14600.01	2170.563	4830.155
#2	3411.438	74997.02	14467.87	2182.400	4822.355
#3	3395.305	74678.71	14504.09	2175.997	4814.109

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: PB167116BL Acquired: 3/13/2025 13:10:45 Type: Unk
Method: NON EPA-6010-200.7(v2804) 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	.0002142	.0014913	.0005472	.0003853	-.000543	-.007975	.0001468
Stddev	.0001999	.0004153	.0006019	.0013655	.001148	.003064	.0013634
%RSD	93.30984	27.84641	110.0055	354.3750	211.6487	38.42426	928.7570
#1	.0000388	.0010566	.0009856	.0019618	-.001132	-.005067	-.000284
#2	.0001721	.0018840	.0007951	-.000432	-.001277	-.007682	-.000949
#3	.0004318	.0015334	-.000139	-.000374	.000781	-.011175	.001674

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000046	.0000088	-.009680	.0001126	-.000061	-.000228	.0033716
Stddev	.000019	.0000963	.002891	.0001004	.000137	.000392	.0013297
%RSD	41.24050	1092.928	29.87124	89.16472	224.4135	172.0781	39.43881
#1	-.000064	-.000023	-.012190	.0001585	-.000044	-.000547	.0024652
#2	-.000026	-.000067	-.006518	-.000003	-.000206	-.000345	.0027516
#3	-.000049	.000117	-.010331	.000182	.000067	.000209	.0048981

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000936	-.010328	-.000248	.0003078	-.013391	.0006476	-.000646
Stddev	.000042	.003748	.000113	.0002161	.020717	.0007566	.000169
%RSD	4.481840	36.28947	45.67705	70.22708	154.7034	116.8193	26.16069
#1	-.000888	-.010830	-.000182	.0005498	-.017552	.0015212	-.000835
#2	-.000965	-.006354	-.000378	.0001342	.009090	.0002122	-.000510
#3	-.000955	-.013799	-.000183	.0002393	-.031712	.0002095	-.000594

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.024454	-.000590	.0000682	-.001586	.0007183	-.000249	-.003645
Stddev	.029584	.000888	.0002666	.000159	.0002105	.002249	.001860
%RSD	120.9794	150.5813	390.8641	10.02288	29.30772	904.4804	51.01698
#1	-.046445	.000424	.0001312	-.001514	.0009525	-.000940	-.005791
#2	-.036096	-.000965	-.000224	-.001475	.0006574	.002265	-.002512
#3	.009180	-.001229	.000298	-.001768	.0005449	-.002071	-.002632

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: PB167116BL Acquired: 3/13/2025 13:10:45 Type: Unk
Method: NON EPA-6010-200.7(v2804) 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	-.002566	.0002740	-.000081
Stddev	.003082	.0013987	.000051
%RSD	120.0979	510.5599	62.52166
#1	-.002011	.0018040	-.000029
#2	.000200	-.000043	-.000083
#3	-.005887	-.000939	-.000131

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3451.339	75909.53	14649.14	2200.578	5017.315
Stddev	6.375	50.04	42.10	2.333	4.277
%RSD	.1847030	.0659172	.2873999	.1060160	.0852413
#1	3444.079	75900.01	14639.88	2199.333	5015.416
#2	3456.022	75963.65	14612.44	2203.269	5022.213
#3	3453.916	75864.94	14695.10	2199.132	5014.317

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: PB167116BS Acquired: 3/13/2025 13:15:05 Type: Unk
Method: NON EPA-6010-200.7(v2804) 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	.7763336	1.931329	.9760031	1.934955	.7832455	1.934104
Stddev	.0069003	.030623	.0085279	.016944	.0078606	.005281
%RSD	.8888254	1.585609	.8737617	.8756799	1.003592	.2730699
#1	.7822794	1.964817	.9792837	1.950571	.7889063	1.929955
#2	.7779540	1.924415	.9824036	1.937357	.7865597	1.940050
#3	.7687673	1.904753	.9663220	1.916939	.7742706	1.932309

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1868897	.2113398	.1934623	1.012279	.4099599	.1957618
Stddev	.0007012	.0011864	.0015773	.005064	.0013474	.0017346
%RSD	.3751890	.5613902	.8152971	.5002996	.3286681	.8861017
#1	.1861191	.2123954	.1942001	1.018033	.4086537	.1970611
#2	.1874900	.2115682	.1945355	1.010307	.4113450	.1964324
#3	.1870602	.2100557	.1916513	1.008497	.4098810	.1937920

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3084685	2.839241	.1982833	1.974992	.4909100	.0756317
Stddev	.0026279	.026074	.0012919	.008780	.0033050	.0001495
%RSD	.8519072	.9183485	.6515501	.4445790	.6732312	.1976142
#1	.3099731	2.811977	.1987715	1.982182	.4927762	.0757399
#2	.3099982	2.841812	.1992600	1.977587	.4928598	.0756941
#3	.3054341	2.863935	.1968185	1.965206	.4870941	.0754612

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.607017	.2918619	.2032027	8.887492	.3018061	.3976011
Stddev	.032930	.0036220	.0014751	.067586	.0018242	.0038082
%RSD	1.263130	1.240980	.7259030	.7604658	.6044332	.9577918
#1	2.579722	.2938529	.2019389	8.811863	.3034408	.4004217
#2	2.643591	.2940516	.2028459	8.941982	.3021392	.3991123
#3	2.597738	.2876812	.2048235	8.908632	.2998383	.3932693

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: PB167116BS Acquired: 3/13/2025 13:15:05 Type: Unk
Method: NON EPA-6010-200.7(v2804) 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	.6854460	.1901120	F .7412375	5.778518	F -.009201	.1964216
Stddev	.0050106	.0008056	.0032635	.048570	.003049	.0007864
%RSD	.7310048	.4237768	.4402810	.8405227	33.14184	.4003759
#1	.6890052	.1909172	.7380910	5.816784	-.011919	.1973286
#2	.6876168	.1893059	.7410150	5.794892	-.009778	.1960074
#3	.6797160	.1901130	.7446067	5.723877	-.005904	.1959290

Elem	Sr4077
Units	ppm
Avg	.1902430
Stddev	.0004200
%RSD	.2207787
#1	.1899958
#2	.1907280
#3	.1900052

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3437.901	75522.52	14365.63	2221.641	4834.485
Stddev	22.071	243.16	60.62	11.315	33.705
%RSD	.6419937	.3219680	.4219831	.5093085	.6971729
#1	3424.982	75742.58	14296.86	2222.371	4819.905
#2	3425.336	75563.52	14388.74	2232.573	4810.526
#3	3463.386	75261.48	14411.30	2209.978	4873.026

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: Q1485-01 Acquired: 3/13/2025 13:19:07 Type: Unk
Method: NON EPA-6010-200.7(v2804) 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	.0909458	.0008562	2.349975	-.048201	.0269262	156.6956	1.455567
Stddev	.0027791	.0013724	.007788	.000280	.0021158	.6281	.009595
%RSD	3.055821	160.2870	.3314011	.5812171	7.857744	.4008154	.6591615
#1	.0934148	.0019473	2.344149	-.047912	.0270594	155.9986	1.444834
#2	.0879360	.0013058	2.346956	-.048222	.0289722	157.2176	1.463311
#3	.0914865	-.000685	2.358821	-.048471	.0247470	156.8707	1.458556

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0138228	-.006404	42.32541	.3444296	.1709163	1.988846	374.8592
Stddev	.0001344	.000442	.23004	.0014296	.0005294	.005039	1.1969
%RSD	.9721695	6.908085	.5435130	.4150727	.3097621	.2533883	.3192957
#1	.0137123	-.006582	42.07224	.3444477	.1710745	1.985771	373.7856
#2	.0137837	-.006730	42.52163	.3458501	.1703259	1.986104	376.1497
#3	.0139724	-.005901	42.38236	.3429910	.1713487	1.994662	374.6424

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.235210	60.25125	.3755786	.0001535	6.564483	.4661876	1.129998
Stddev	.032216	.21477	.0014777	.0002956	.076419	.0033489	.003456
%RSD	.6153674	.3564609	.3934421	192.5459	1.164124	.7183552	.3058198
#1	5.198754	60.02660	.3745626	.0003767	6.477874	.4630382	1.128171
#2	5.259848	60.45455	.3748993	.0002657	6.622414	.4658191	1.133984
#3	5.247027	60.27259	.3772737	-.000182	6.593161	.4697055	1.127839

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	39.72894	-.470105	.0097158	.2097751	9.128929	9.968094	9.449659
Stddev	.09339	.002673	.0001528	.0010793	.045260	.022120	.042295
%RSD	.2350664	.5686373	1.572761	.5145124	.4957824	.2219064	.4475818
#1	39.63351	-.469717	.0095519	.2089196	9.077189	9.954321	9.436023
#2	39.82014	-.467647	.0097412	.2094181	9.161176	9.993608	9.415863
#3	39.73318	-.472951	.0098543	.2109877	9.148421	9.956351	9.497089

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: Q1485-01 Acquired: 3/13/2025 13:19:07 Type: Unk
Method: NON EPA-6010-200.7(v2804) 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	3.929316	.3951664	.2997319
Stddev	.013736	.0029759	.0017655
%RSD	.3495816	.7530656	.5890320
#1	3.931916	.3921576	.2977356
#2	3.914465	.3981082	.3010880
#3	3.941566	.3952335	.3003721

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3735.882	81810.87	17237.88	2413.468	4244.313
Stddev	6.404	161.23	55.62	8.876	10.852
%RSD	.1714283	.1970774	.3226798	.3677831	.2556889
#1	3740.323	81798.32	17298.51	2419.235	4251.312
#2	3738.783	81656.28	17189.20	2403.247	4249.815
#3	3728.541	81978.01	17225.94	2417.922	4231.812

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: Q1486-01 Acquired: 3/13/2025 13:23:10 Type: Unk
Method: NON EPA-6010-200.7(v2804) 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	.0173818	-.015108	.5613788	-.031977	-.005601	158.5940
Stddev	.0024189	.002378	.0073493	.000591	.001342	.1336
%RSD	13.91603	15.73726	1.309153	1.848349	23.96056	.0842241
#1	.0162420	-.012438	.5655429	-.031388	-.004079	158.5615
#2	.0157434	-.016997	.5657005	-.031974	-.006615	158.4796
#3	.0201600	-.015888	.5528931	-.032570	-.006109	158.7408

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8606767	.0087655	-.000478	178.7995	.2915288	.1195694
Stddev	.0025025	.0000632	.000187	.4242	.0002510	.0010006
%RSD	.2907586	.7206103	39.03415	.2372389	.0860813	.8367994
#1	.8579598	.0088021	-.000296	178.9007	.2913007	.1202727
#2	.8611830	.0088019	-.000469	178.3338	.2914880	.1200115
#3	.8628874	.0086926	-.000669	179.1639	.2917976	.1184239

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1961657	226.2085	4.074142	67.43873	.1819835	-.000291
Stddev	.0018551	1.2976	.014183	.29231	.0017487	.000417
%RSD	.9456653	.5736510	.3481184	.4334425	.9609331	143.0594
#1	.1971156	225.3160	4.068221	67.67573	.1821961	.000105
#2	.1973535	227.6971	4.063879	67.11210	.1836163	-.000253
#3	.1940281	225.6124	4.090326	67.52836	.1801382	-.000726

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.884177	.3782766	.8079568	58.73227	-.343865	.0114652
Stddev	.061824	.0009704	.0015384	.39748	.008762	.0004980
%RSD	1.050682	.2565386	.1904117	.6767645	2.547954	4.343183
#1	5.833745	.3793640	.8078523	58.47349	-.351063	.0111139
#2	5.953150	.3779671	.8095448	59.18993	-.334109	.0120350
#3	5.865637	.3774987	.8064733	58.53338	-.346422	.0112465

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: Q1486-01 Acquired: 3/13/2025 13:23:10 Type: Unk
Method: NON EPA-6010-200.7(v2804) 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	.0181501	F 10.62970	F 11.18605	F 16.78013	4.104803	.4562834
Stddev	.0018706	.01055	.07132	.13160	.045671	.0019512
%RSD	10.30654	.0992166	.6375702	.7842815	1.112629	.4276225
#1	.0167466	10.62214	11.15540	16.84408	4.109523	.4543510
#2	.0174298	10.62522	11.26757	16.86754	4.147931	.4582528
#3	.0202738	10.64175	11.13518	16.62877	4.056955	.4562465

Elem	Sr4077
Units	ppm
Avg	.6911591
Stddev	.0012038
%RSD	.1741682
#1	.6898111
#2	.6915394
#3	.6921268

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3650.868	81071.06	16873.78	2347.680	4031.682
Stddev	17.392	236.82	84.23	19.974	29.502
%RSD	.4763806	.2921118	.4991573	.8508126	.7317560
#1	3641.081	81157.80	16838.81	2349.360	4016.855
#2	3640.575	80803.10	16969.86	2326.918	4012.535
#3	3670.949	81252.27	16812.67	2366.761	4065.657

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: Q1487-01 Acquired: 3/13/2025 13:27:13 Type: Unk
Method: NON EPA-6010-200.7(v2804) 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	.0207536	-.012321	.3078575	-.068485	-.012291	230.1496
Stddev	.0032910	.001298	.0021985	.002526	.003914	.0472
%RSD	15.85773	10.53285	.7141226	3.688482	31.84290	.0205023
#1	.0209448	-.013819	.3102809	-.070350	-.007891	230.1648
#2	.0239448	-.011564	.3059910	-.069495	-.015384	230.0966
#3	.0173711	-.011580	.3073007	-.065610	-.013598	230.1872

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.094332	.0148888	-.006765	39.56127	.5593714	.2601048
Stddev	.004500	.0000391	.000860	.08157	.0020193	.0004353
%RSD	.2148611	.2627001	12.71940	.2061990	.3609872	.1673698
#1	2.093378	.0149281	-.007594	39.58562	.5599166	.2600839
#2	2.090385	.0148499	-.005876	39.47030	.5610621	.2596803
#3	2.099232	.0148883	-.006823	39.62790	.5571355	.2605502

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5642314	431.5491	4.698600	119.5928	.5317387	-.001116
Stddev	.0013183	3.4905	.005274	.2913	.0011341	.000335
%RSD	.2336411	.8088391	.1122565	.2435908	.2132839	29.99359
#1	.5650392	433.7299	4.699480	119.4707	.5329593	-.001138
#2	.5649448	427.5233	4.692940	119.3824	.5307176	-.001439
#3	.5627101	433.3942	4.703379	119.9253	.5315391	-.000771

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.197185	.5504162	1.340682	121.1435	-.709830	.0030522
Stddev	.013603	.0021379	.007441	.3602	.018956	.0003397
%RSD	.3240944	.3884112	.5550321	.2973100	2.670539	11.13137
#1	4.206869	.5480975	1.338818	121.5414	-.694052	.0030425
#2	4.203054	.5508420	1.348879	121.0494	-.730858	.0033967
#3	4.181633	.5523092	1.334351	120.8398	-.704580	.0027174

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: Q1487-01 Acquired: 3/13/2025 13:27:13 Type: Unk
Method: NON EPA-6010-200.7(v2804) 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	.0155741	F 18.27868	8.397311	8.279622	3.854363	.7672955
Stddev	.0023239	.02382	.020891	.030120	.006783	.0014489
%RSD	14.92167	.1303095	.2487847	.3637829	.1759723	.1888267
#1	.0182193	18.29684	8.419977	8.313522	3.857412	.7685610
#2	.0138607	18.25171	8.378827	8.255940	3.859087	.7657151
#3	.0146424	18.28748	8.393129	8.269405	3.846591	.7676105

Elem	Sr4077
Units	ppm
Avg	.2016621
Stddev	.0003392
%RSD	.1682265
#1	.2013740
#2	.2015762
#3	.2020360

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3406.141	74361.22	15468.85	2159.852	4061.673
Stddev	7.569	243.33	8.54	14.503	7.960
%RSD	.2222145	.3272259	.0552166	.6714636	.1959772
#1	3404.369	74148.42	15471.13	2149.698	4055.708
#2	3414.439	74308.73	15459.40	2153.396	4070.712
#3	3399.616	74626.51	15476.02	2176.461	4058.600

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: Q1488-04 Acquired: 3/13/2025 13:31:32 Type: Unk
Method: NON EPA-6010-200.7(v2804) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002352	-.004147	.0028277	.0046838	.0010596	.0370270	.1558972
Stddev	.003275	.000461	.0006049	.0049011	.0017849	.0056034	.0010109
%RSD	139.2769	11.12395	21.39288	104.6381	168.4520	15.13324	.6484380
#1	.001361	-.004679	.0028021	.0097422	-.000055	.0336391	.1564943
#2	-.003586	-.003898	.0034451	-.000043	.003118	.0434947	.1564672
#3	-.004830	-.003863	.0022360	.004352	.000115	.0339470	.1547300

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000424	-.000050	3.062928	.0003778	.0013949	.0213799	.0508516
Stddev	.0000400	.000001	.004933	.0001566	.0002111	.0004422	.0048785
%RSD	94.45789	1.848210	.1610408	41.45814	15.13279	2.068389	9.593639
#1	.0000878	-.000049	3.061475	.0005053	.0013070	.0218033	.0558722
#2	.0000274	-.000051	3.068424	.0002030	.0016358	.0214154	.0461288
#3	.0000120	-.000049	3.058886	.0004252	.0012420	.0209210	.0505538

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1477420	.3913338	.0022199	.0002260	308.8072	.0010172	.0438451
Stddev	.0005003	.0147990	.0001215	.0003023	1.6370	.0014687	.0003062
%RSD	.3386635	3.781678	5.473994	133.7247	.5301130	144.3851	.6984128
#1	.1472401	.3806601	.0020802	.0005217	309.8190	.0003991	.0436089
#2	.1482408	.3851135	.0023013	-.000082	306.9186	-.000041	.0441911
#3	.1477453	.4082276	.0022783	.000239	309.6841	.002694	.0437354

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4400594	.0120008	.0002846	-.001000	.0016431	.2106751	.0035874
Stddev	.0249202	.0008125	.0000293	.000367	.0006289	.0031666	.0026975
%RSD	5.662922	6.770460	10.31259	36.73216	38.27659	1.503062	75.19448
#1	.4446908	.0117139	.0002702	-.001248	.0015939	.2070990	.0012600
#2	.4623390	.0113707	.0003183	-.001174	.0010402	.2131232	.0065439
#3	.4131484	.0129179	.0002651	-.000578	.0022952	.2118033	.0029583

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: Q1488-04 Acquired: 3/13/2025 13:31:32 Type: Unk
Method: NON EPA-6010-200.7(v2804) 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	.1829792	-.001692	.0248751
Stddev	.0023923	.000105	.0002053
%RSD	1.307407	6.212084	.8253913
#1	.1804840	-.001715	.0248140
#2	.1852532	-.001784	.0251040
#3	.1832004	-.001577	.0247073

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3213.726	70199.34	14201.71	2047.431	4331.479
Stddev	9.143	63.85	95.88	.177	4.219
%RSD	.2844895	.0909530	.6751253	.0086638	.0974053
#1	3216.451	70137.51	14227.68	2047.250	4333.470
#2	3221.196	70195.49	14281.94	2047.440	4334.333
#3	3203.530	70265.03	14095.53	2047.604	4326.632

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: Q1488-06 Acquired: 3/13/2025 13:35:59 Type: Unk
Method: NON EPA-6010-200.7(v2804) 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	-.004805	-.004231	.0340288	.0029305	.0016950	.0435859	.3050335
Stddev	.001890	.001557	.0008130	.0018782	.0017137	.0021222	.0017046
%RSD	39.33319	36.80463	2.389305	64.09006	101.1038	4.869102	.5588136
#1	-.004016	-.003619	.0331018	.0044952	-.000282	.0460303	.3059277
#2	-.003438	-.003073	.0343638	.0008477	.002606	.0422135	.3030679
#3	-.006962	-.006001	.0346209	.0034485	.002760	.0425139	.3061049

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000055	.0017456	8.047227	-.000200	.0041193	.3308505	.0224975
Stddev	.000062	.0000541	.025260	.000266	.0001370	.0021446	.0015317
%RSD	112.1923	3.099623	.3138999	133.2893	3.325913	.6482138	6.808140
#1	-.000120	.0017643	8.059230	-.000495	.0040696	.3299084	.0226571
#2	.000003	.0016846	8.018203	-.000124	.0040142	.3293381	.0239431
#3	-.000049	.0017879	8.064248	.000020	.0042743	.3333049	.0208923

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.236304	1.170660	.0120015	.0001579	382.7558	.0006159	.2378748
Stddev	.002929	.018895	.0006705	.0001631	1.8367	.0021156	.0003225
%RSD	.2369501	1.614079	5.586453	103.2887	.4798562	343.5062	.1355933
#1	1.239562	1.164707	.0127441	-.000029	384.5362	-.000229	.2376489
#2	1.233888	1.155458	.0118194	.000272	382.8637	-.000947	.2382442
#3	1.235462	1.191815	.0114409	.000231	380.8676	.003023	.2377313

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9688728	.0135374	.0001272	-.001306	.0000085	.3245919	.0311931
Stddev	.0269269	.0006722	.0001260	.001019	.0006708	.0063282	.0007631
%RSD	2.779197	4.965789	99.01931	78.01636	7871.144	1.949600	2.446274
#1	.9777906	.0143114	.0002688	-.002332	-.000564	.3287503	.0318574
#2	.9386183	.0132015	.0000852	-.000294	-.000156	.3173091	.0303596
#3	.9902095	.0130993	.0000276	-.001293	.000746	.3277163	.0313622

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: Q1488-06 Acquired: 3/13/2025 13:35:59 Type: Unk
Method: NON EPA-6010-200.7(v2804) 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	.3751128	-.002237	.0779592
Stddev	.0036316	.001376	.0003132
%RSD	.9681448	61.50511	.4017414
#1	.3710592	-.000738	.0781993
#2	.3762093	-.003443	.0776049
#3	.3780698	-.002531	.0780733

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3215.697	69749.00	14401.82	2048.836	4288.211
Stddev	16.870	182.29	40.66	2.340	17.776
%RSD	.5246062	.2613503	.2823282	.1142186	.4145318
#1	3226.140	69540.69	14413.06	2046.758	4295.880
#2	3224.717	69827.01	14435.68	2048.380	4300.865
#3	3196.235	69879.31	14356.73	2051.371	4267.888

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: Q1488-08 Acquired: 3/13/2025 13:40:22 Type: Unk
Method: NON EPA-6010-200.7(v2804) 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	-.002625	-.003438	.0068992	.0027316	.0011007	.0586407	.2000478
Stddev	.002198	.001142	.0010946	.0016477	.0012627	.0009920	.0014247
%RSD	83.73234	33.21909	15.86558	60.32198	114.7108	1.691599	.7121922
#1	-.000141	-.004746	.0056864	.0025028	.0009399	.0594488	.2013703
#2	-.003418	-.002931	.0078139	.0012102	-.000074	.0589398	.2002341
#3	-.004318	-.002638	.0071972	.0044818	.002436	.0575336	.1985392

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000010	-.000016	4.777686	.0005177	.0008669	.0146533	.8427491
Stddev	.000024	.000019	.024686	.0006139	.0001115	.0005331	.0084107
%RSD	233.4079	118.6997	.5166973	118.6012	12.85800	3.637813	.9980073
#1	.000015	.000000	4.803499	-.000191	.0008085	.0147038	.8425973
#2	-.000012	-.000037	4.775251	.000900	.0009954	.0140968	.8512348
#3	-.000033	-.000011	4.754308	.000843	.0007967	.0151593	.8344154

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1780756	3.273904	.0014324	-.000305	357.8585	.0098622	.0966907
Stddev	.0012773	.009827	.0001089	.000133	5.1028	.0012831	.0000791
%RSD	.7172496	.3001576	7.604640	43.70829	1.425915	13.00988	.0818345
#1	.1787180	3.284961	.0015023	-.000151	357.6603	.0096782	.0967003
#2	.1789041	3.266168	.0014880	-.000390	363.0575	.0086810	.0966072
#3	.1766047	3.270583	.0013069	-.000374	352.8578	.0112272	.0967646

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.105402	.0530099	.0008287	-.000725	.0014204	.3552357	.0277354
Stddev	.010961	.0009582	.0001051	.000517	.0003594	.0007467	.0028771
%RSD	.5206204	1.807509	12.67657	71.29088	25.30527	.2102029	10.37329
#1	2.103647	.0521911	.0007124	-.001207	.0017710	.3548013	.0253643
#2	2.095424	.0527749	.0008571	-.000179	.0010527	.3548078	.0269057
#3	2.117135	.0540637	.0009166	-.000790	.0014376	.3560979	.0309361

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: Q1488-08 Acquired: 3/13/2025 13:40:22 Type: Unk
Method: NON EPA-6010-200.7(v2804) 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	1.288158	-.000044	.0477026
Stddev	.013449	.000734	.0003605
%RSD	1.044023	1670.000	.7557486
#1	1.302566	-.000892	.0479495
#2	1.275936	.000380	.0478695
#3	1.285973	.000380	.0472889

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3241.703	72057.90	14553.47	2117.619	4329.214
Stddev	26.728	215.87	34.22	4.552	32.054
%RSD	.8244927	.2995834	.2351252	.2149623	.7404177
#1	3239.670	72306.48	14516.34	2114.452	4317.682
#2	3269.388	71917.55	14560.32	2115.569	4365.439
#3	3216.049	71949.68	14583.74	2122.835	4304.521

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: CCV02 Acquired: 3/13/2025 13:49:53 Type: Unk
Method: NON EPA-6010-200.7(v2770) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV02 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.290119	5.111883	5.330192	5.179630	5.179698	10.43256	10.13034
Stddev	.024030	.014276	.012705	.030867	.024458	.02211	.08553
%RSD	.4542401	.2792746	.2383590	.5959299	.4721868	.2119200	.8442951
#1	5.295455	5.100352	5.318414	5.172669	5.176973	10.41684	10.22299
#2	5.263870	5.107445	5.328507	5.152838	5.156716	10.42300	10.11364
#3	5.311033	5.127851	5.343656	5.213383	5.205404	10.45784	10.05440

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2675975	2.631688	26.04788	1.095199	2.605988	1.309816	5.129983
Stddev	.0014060	.006651	.08345	.003802	.007822	.007193	.037791
%RSD	.5254133	.2527158	.3203888	.3471160	.3001698	.5491427	.7366770
#1	.2688446	2.626314	26.03770	1.093051	2.600730	1.307313	5.103933
#2	.2660738	2.629625	25.96999	1.092957	2.602255	1.304210	5.112688
#3	.2678741	2.639126	26.13596	1.099588	2.614977	1.317926	5.173327

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.582733	26.13231	2.604565	1.313325	25.60062	2.604295	2.621727
Stddev	.007004	.09860	.007952	.001935	.23524	.005989	.012206
%RSD	.2711988	.3773199	.3053192	.1473214	.9188781	.2299558	.4655866
#1	2.579123	26.15491	2.597367	1.315018	25.33137	2.597659	2.612675
#2	2.578271	26.02437	2.603225	1.311216	25.70415	2.605930	2.616897
#3	2.590806	26.21765	2.613101	1.313741	25.76634	2.609297	2.635609

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.10547	5.306765	5.212738	5.333363	5.111583	5.302202	5.350626
Stddev	.11646	.021233	.023398	.011661	.014872	.040815	.022371
%RSD	.4638695	.4001176	.4488705	.2186473	.2909566	.7697813	.4180930
#1	24.97121	5.326172	5.207138	5.324742	5.097314	5.269352	5.335221
#2	25.16613	5.284085	5.192648	5.328716	5.110440	5.289360	5.340373
#3	25.17908	5.310037	5.238428	5.346631	5.126994	5.347894	5.376286

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: CCV02 Acquired: 3/13/2025 13:49:53 Type: Unk
Method: NON EPA-6010-200.7(v2770) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV02 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.103279	5.034187	5.169602
Stddev	.026425	.018289	.048205
%RSD	.5178099	.3632896	.9324748
#1	5.087854	5.013421	5.218525
#2	5.088191	5.041246	5.168132
#3	5.133792	5.047894	5.122148

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3274.246	71628.30	14156.82	2085.973	4387.404
Stddev	10.144	146.41	60.75	5.900	7.165
%RSD	.3098143	.2044072	.4291016	.2828416	.1633003
#1	3272.593	71665.54	14107.37	2090.030	4391.226
#2	3285.115	71752.50	14224.63	2088.685	4391.847
#3	3265.030	71466.87	14138.45	2079.205	4379.139

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: CCB02 Acquired: 3/13/2025 13:54:04 Type: Unk
Method: NON EPA-6010-200.7(v2770) 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	-.002280	.0010326	.0008389	.0016854	.0009020	-.004972	.0029080
Stddev	.002535	.0008243	.0009164	.0018411	.0018758	.002488	.0013657
%RSD	111.1628	79.82309	109.2439	109.2419	207.9692	50.04360	46.96509
#1	-.001048	.0001318	.0008674	.0019969	-.000652	-.006820	.0044768
#2	-.005195	.0012170	-.000091	.0033509	.002986	-.005952	.0022630
#3	-.000597	.0017491	.001741	-.000292	.000372	-.002143	.0019842

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000242	.0000043	-.003695	.0002783	.0001673	.0000795	.0011773
Stddev	.0000481	.0001070	.009120	.0002007	.0001656	.0002768	.0059662
%RSD	199.0110	2465.102	246.8146	72.11763	99.01127	348.3777	506.7776
#1	.0000747	.0001189	-.013722	.0001651	-.000021	-.000080	.0070739
#2	.0000190	-.000013	.004105	.0005100	.000289	.000399	-.004856
#3	-.000021	-.000093	-.001468	.0001597	.000235	-.000081	.001314

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000789	.0014163	-.000008	.0004444	.0238026	.0002016	-.000614
Stddev	.000196	.0092458	.000059	.0002183	.0052493	.0007890	.000512
%RSD	24.85141	652.8079	697.8778	49.10764	22.05366	391.3962	83.47732
#1	-.000910	-.008214	.000021	.0005842	.0279769	-.000550	-.000024
#2	-.000895	.002240	-.000076	.0005562	.0179093	.000132	-.000872
#3	-.000563	.010223	.000029	.0001930	.0255216	.001023	-.000946

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0254096	.0057616	.0002665	-.000536	.0007145	.0040165	-.004289
Stddev	.0084013	.0001682	.0002124	.000241	.0008010	.0037582	.000933
%RSD	33.06334	2.918570	79.72066	44.99583	112.1053	93.56926	21.74473
#1	.0222846	.0059475	.0004981	-.000272	.0016278	.0056688	-.003659
#2	.0190187	.0056201	.0000808	-.000744	.0003845	.0066654	-.005361
#3	.0349256	.0057172	.0002204	-.000592	.0001313	-.000285	-.003848

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: CCB02 Acquired: 3/13/2025 13:54:04 Type: Unk
Method: NON EPA-6010-200.7(v2770) 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	-.003595	.0017093	.0001552
Stddev	.002238	.0005843	.0003392
%RSD	62.26571	34.18407	218.5172
#1	-.005872	.0016332	.0005466
#2	-.001398	.0011669	-.000053
#3	-.003514	.0023280	-.000028

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3397.690	74150.87	14625.50	2166.226	4931.369
Stddev	11.149	230.61	18.19	8.050	14.611
%RSD	.3281458	.3109988	.1243536	.3716153	.2962928
#1	3405.446	73885.18	14628.46	2160.081	4935.110
#2	3402.711	74268.39	14606.02	2175.338	4943.745
#3	3384.913	74299.05	14642.03	2163.258	4915.250

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: Q1488-10 Acquired: 3/13/2025 13:58:24 Type: Unk
Method: NON EPA-6010-200.7(v2770) 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	-.003931	-.003630	.0313954	.0052712	.0026052	.1481312	.1171170
Stddev	.001741	.000928	.0016616	.0032713	.0013903	.0030260	.0007268
%RSD	44.29087	25.56019	5.292372	62.05988	53.36513	2.042785	.6206037
#1	-.004225	-.003674	.0299663	.0087608	.0015593	.1467889	.1165598
#2	-.005507	-.002681	.0310014	.0022741	.0041829	.1515961	.1168520
#3	-.002062	-.004535	.0332186	.0047787	.0020734	.1460085	.1179391

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000173	.0017164	5.483291	-.000157	.0082005	1.377312	.0774091
Stddev	.000051	.0000485	.015080	.000043	.0003638	.006127	.0030889
%RSD	29.38668	2.824214	.2750254	27.71469	4.436218	.4448276	3.990387
#1	-.000153	.0017320	5.466747	-.000206	.0079426	1.374287	.0794105
#2	-.000230	.0016621	5.496268	-.000124	.0080422	1.373286	.0789651
#3	-.000134	.0017552	5.486858	-.000140	.0086166	1.384363	.0738516

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5546195	.4542265	.0109296	.0001075	340.0627	-.001238	.3374563
Stddev	.0019078	.0139051	.0002476	.0000658	1.8244	.000551	.0010659
%RSD	.3439884	3.061279	2.265895	61.18069	.5364781	44.55306	.3158674
#1	.5534124	.4502621	.0110355	.0000548	340.8385	-.001855	.3366832
#2	.5536271	.4427341	.0106466	.0001812	337.9787	-.000792	.3370133
#3	.5568190	.4696833	.0111067	.0000864	341.3710	-.001066	.3386722

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6884068	.0157394	.0003045	-.000702	.0016143	.8932747	.0051732
Stddev	.0078937	.0007566	.0001235	.000656	.0001732	.0086980	.0022370
%RSD	1.146656	4.807370	40.56307	93.48810	10.72899	.9737236	43.24262
#1	.6912304	.0150743	.0004337	-.000851	.0017106	.9002261	.0025993
#2	.6945004	.0155812	.0001876	-.001270	.0014144	.8960771	.0062709
#3	.6794897	.0165626	.0002923	.000016	.0017179	.8835209	.0066493

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: Q1488-10 Acquired: 3/13/2025 13:58:24 Type: Unk
Method: NON EPA-6010-200.7(v2770) 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	.3408979	-.000472	.0440281
Stddev	.0034589	.000717	.0001080
%RSD	1.014639	151.9731	.2453165
#1	.3446315	.000332	.0439259
#2	.3378026	-.001045	.0440173
#3	.3402597	-.000703	.0441411

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3143.542	69910.58	14106.72	2040.522	4192.665
Stddev	6.884	275.95	11.65	9.665	11.444
%RSD	.2189871	.3947208	.0825931	.4736375	.2729455
#1	3145.193	69640.81	14111.31	2037.377	4195.912
#2	3149.450	69898.60	14115.38	2032.822	4202.134
#3	3135.982	70192.32	14093.47	2051.368	4179.949

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: Q1488-12 Acquired: 3/13/2025 14:02:47 Type: Unk
Method: NON EPA-6010-200.7(v2770) 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	-.002462	-.002927	.0892578	.0040035	.0018866	.0489787	.1181793
Stddev	.001961	.002650	.0008938	.0022716	.0015558	.0044335	.0002710
%RSD	79.64598	90.54136	1.001339	56.73953	82.46594	9.051824	.2292773
#1	-.002080	-.005787	.0882958	.0047997	.0019972	.0518431	.1184914
#2	-.004585	-.000555	.0900623	.0014410	.0033842	.0512209	.1180428
#3	-.000720	-.002438	.0894154	.0057699	.0002785	.0438720	.1180038

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000090	.0010515	4.765159	.0001536	.0034400	.4860164	2.003688
Stddev	.000038	.0001366	.019615	.0006546	.0000687	.0012040	.013962
%RSD	41.81277	12.99265	.4116361	426.1200	1.997672	.2477256	.6967944
#1	-.000090	.0011990	4.787392	.0008611	.0034047	.4854044	2.007198
#2	-.000052	.0010260	4.750298	-.000431	.0035192	.4852413	1.988306
#3	-.000128	.0009294	4.757786	.000030	.0033961	.4874034	2.015559

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4124520	1.995955	.0104666	.0000785	337.6491	.0018118	.4479119
Stddev	.0007588	.003548	.0001873	.0000159	2.2539	.0009114	.0017301
%RSD	.1839626	.1777494	1.789279	20.26981	.6675167	50.30683	.3862663
#1	.4119055	2.000051	.0104990	.0000629	340.0122	.0007942	.4494606
#2	.4133183	1.993908	.0102652	.0000777	337.4119	.0025532	.4460446
#3	.4121323	1.993905	.0106355	.0000947	335.5232	.0020879	.4482306

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.217527	.0244755	.0000540	-.000308	.0008212	1.008176	.0060207
Stddev	.018846	.0003955	.0000241	.000131	.0001527	.000788	.0014172
%RSD	1.547896	1.615927	44.64773	42.67455	18.59677	.0781834	23.53885
#1	1.195767	.0244505	.0000271	-.000405	.0006555	1.009012	.0076549
#2	1.228189	.0248829	.0000614	-.000158	.0009562	1.007446	.0051294
#3	1.228625	.0240931	.0000736	-.000361	.0008520	1.008069	.0052778

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: Q1488-12 Acquired: 3/13/2025 14:02:47 Type: Unk
Method: NON EPA-6010-200.7(v2770) 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	.3012202	.0030530	.0565154
Stddev	.0060251	.0014988	.0000988
%RSD	2.000233	49.09527	.1747830
#1	.2942678	.0040582	.0564239
#2	.3044741	.0037704	.0565023
#3	.3049189	.0013302	.0566201

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3213.148	69999.67	14675.47	2091.957	4279.821
Stddev	9.090	489.58	83.28	15.726	16.867
%RSD	.2828890	.6993986	.5674465	.7517524	.3940968
#1	3215.422	69545.32	14585.93	2075.346	4280.256
#2	3220.884	70518.15	14689.88	2106.617	4296.466
#3	3203.137	69935.53	14750.60	2093.907	4262.741

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: Q1488-14 Acquired: 3/13/2025 14:07:11 Type: Unk
Method: NON EPA-6010-200.7(v2770) 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	.1149075	.0073878	1.907094	-.016749	.0085376	61.97365
Stddev	.0015472	.0023134	.011396	.002640	.0009907	.80701
%RSD	1.346496	31.31346	.5975468	15.76013	11.60421	1.302178
#1	.1132502	.0086147	1.895644	-.019022	.0093297	62.42768
#2	.1163140	.0047194	1.907205	-.013854	.0074267	61.04190
#3	.1151583	.0088293	1.918435	-.017372	.0088564	62.45138

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4428631	.0041712	.0025746	71.95883	.1382525	.0560422
Stddev	.0053026	.0000287	.0003143	1.04798	.0009160	.0005443
%RSD	1.197352	.6884079	12.20854	1.456360	.6625624	.9711804
#1	.4470775	.0041415	.0022328	72.57282	.1379983	.0555397
#2	.4369092	.0041733	.0026399	70.74877	.1374904	.0559665
#3	.4446026	.0041988	.0028512	72.55491	.1392687	.0566204

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.18969	150.0268	7.634696	19.03100	.1943418	.0076163
Stddev	.17875	.3713	.104549	.30919	.0019855	.0002775
%RSD	.7389688	.2474957	1.369393	1.624681	1.021652	3.643617
#1	24.02872	150.3734	7.701935	19.16796	.1921144	.0077139
#2	24.15829	149.6350	7.514245	18.67698	.1949853	.0073032
#3	24.38206	150.0720	7.687907	19.24806	.1959258	.0078319

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	27.98161	.1350665	3.521352	16.55806	-.008251	.0165670
Stddev	.09154	.0040271	.015103	.02022	.002247	.0004032
%RSD	.3271511	2.981596	.4289013	.1221116	27.23596	2.433942
#1	28.02821	.1372331	3.511445	16.56230	-.008257	.0164275
#2	28.04047	.1304199	3.513875	16.53605	-.006001	.0162520
#3	27.87614	.1375466	3.538735	16.57581	-.010496	.0170214

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: Q1488-14 Acquired: 3/13/2025 14:07:11 Type: Unk
Method: NON EPA-6010-200.7(v2770) 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	.1002447	1.149754	F 67.86288	2.604508	F 10.55773	.1209384
Stddev	.0009314	.016567	.27132	.016751	.06873	.0014299
%RSD	.9291005	1.440933	.3998005	.6431552	.6509845	1.182298
#1	.0993299	1.163797	67.66289	2.588004	10.48148	.1212882
#2	.1011918	1.131482	67.75404	2.604025	10.57680	.1193661
#3	.1002126	1.153983	68.17172	2.621496	10.61492	.1221609

Elem	Sr4077
Units	ppm
Avg	.6261898
Stddev	.0084858
%RSD	1.355149
#1	.6328412
#2	.6166329
#3	.6290953

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3295.224	74978.77	14551.76	2180.824	4387.775
Stddev	26.784	153.78	195.76	5.647	33.268
%RSD	.8128049	.2051038	1.345239	.2589413	.7581925
#1	3315.565	75122.86	14456.99	2181.312	4416.704
#2	3305.229	74996.59	14776.87	2186.212	4395.198
#3	3264.878	74816.85	14421.44	2174.949	4351.423

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: Q1488-01 Acquired: 3/13/2025 14:11:15 Type: Unk
Method: NON EPA-6010-200.7(v2770) 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	.0333917	.0029519	.2188027	-.024995	-.005585	144.0984	.6837014
Stddev	.0009330	.0033856	.0001695	.004997	.001072	.8645	.0024557
%RSD	2.794054	114.6894	.0774589	19.99045	19.18827	.5999681	.3591761
#1	.0344137	.0041091	.2188872	-.027031	-.004613	143.3101	.6810014
#2	.0325856	-.000860	.2186076	-.019302	-.006734	143.9621	.6843012
#3	.0331758	.005607	.2189133	-.028652	-.005407	145.0230	.6858017

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0087407	-.006418	19.97422	.2105225	.1112622	.2238614	250.1534
Stddev	.0001747	.000156	.12460	.0009075	.0004109	.0004712	.4718
%RSD	1.998402	2.437630	.6238289	.4310676	.3693242	.2104970	.1886027
#1	.0085837	-.006566	19.87640	.2099661	.1109556	.2241035	250.1723
#2	.0087095	-.006254	19.93176	.2100317	.1111020	.2241624	249.6724
#3	.0089289	-.006435	20.11451	.2115697	.1117292	.2233184	250.6155

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.622742	35.83816	.2026622	.0007497	7.737120	.3876571	.4384553
Stddev	.020270	.27080	.0005345	.0001479	.044876	.0029715	.0026550
%RSD	.5595124	.7556061	.2637152	19.72949	.5800045	.7665242	.6055307
#1	3.601006	35.67299	.2020712	.0005898	7.716519	.3850962	.4367713
#2	3.626093	35.69081	.2028037	.0007776	7.788597	.3869598	.4370787
#3	3.641128	36.15068	.2031116	.0008816	7.706244	.3909152	.4415158

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.307072	-.251612	.0016132	.0086851	4.651775	8.692891	5.507975
Stddev	.008004	.008654	.0003083	.0005422	.027228	.018763	.031862
%RSD	.0859955	3.439584	19.10937	6.243381	.5853293	.2158417	.5784667
#1	9.313877	-.243998	.0019467	.0081250	4.626405	8.695461	5.471281
#2	9.298254	-.249815	.0013388	.0087228	4.648378	8.672975	5.524006
#3	9.309086	-.261024	.0015541	.0092075	4.680542	8.710236	5.528637

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: Q1488-01 Acquired: 3/13/2025 14:11:15 Type: Unk
Method: NON EPA-6010-200.7(v2770) 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	1.487577	.2279997	.0869256
Stddev	.012186	.0003297	.0003224
%RSD	.8192055	.1445933	.3708908
#1	1.476221	.2281640	.0865757
#2	1.486059	.2276202	.0869906
#3	1.500452	.2282150	.0872106

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3741.539	81478.65	17233.14	2403.678	4278.033
Stddev	10.870	353.67	140.84	14.884	12.984
%RSD	.2905153	.4340672	.8172699	.6192075	.3035067
#1	3753.964	81602.55	17355.45	2412.147	4292.945
#2	3736.868	81753.71	17264.82	2412.394	4271.923
#3	3733.786	81079.70	17079.16	2386.492	4269.231

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: Q1488-03 Acquired: 3/13/2025 14:15:20 Type: Unk
Method: NON EPA-6010-200.7(v2770) 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	.0263588	.0035633	.1037443	-.017240	-.003347	71.46085	.5644663
Stddev	.0025518	.0015731	.0013703	.003088	.001123	.12540	.0013084
%RSD	9.681026	44.14697	1.320807	17.91431	33.55492	.1754857	.2317990
#1	.0240721	.0052875	.1035064	-.015779	-.004640	71.31702	.5639188
#2	.0258928	.0022064	.1025086	-.015153	-.002624	71.54727	.5659595
#3	.0291115	.0031959	.1052180	-.020788	-.002775	71.51825	.5635206

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0059972	-.005371	15.58709	.1680132	.0727393	.2494948	155.1596
Stddev	.0000524	.000181	.01833	.0004616	.0006423	.0020027	.5865
%RSD	.8744838	3.365437	.1176287	.2747097	.8830109	.8027080	.3779902
#1	.0059695	-.005567	15.56700	.1675034	.0722309	.2480105	155.7843
#2	.0060577	-.005337	15.59135	.1681334	.0725258	.2487013	154.6208
#3	.0059644	-.005210	15.60291	.1684027	.0734611	.2517727	155.0737

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.169391	16.10349	.1156860	.0005917	.9685568	.1891067	.2536150
Stddev	.000405	.03748	.0004555	.0000993	.0104341	.0002733	.0013063
%RSD	.0345968	.2327627	.3937159	16.78329	1.077287	.1445264	.5150735
#1	1.168942	16.07478	.1160890	.0007036	.9686215	.1887945	.2550306
#2	1.169506	16.14589	.1151919	.0005139	.9789584	.1893032	.2533583
#3	1.169726	16.08980	.1157772	.0005576	.9580904	.1892222	.2524561

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.457138	-.210807	.0114914	.0054080	2.125585	6.817813	4.508949
Stddev	.011409	.004093	.0000922	.0001974	.002761	.028368	.026449
%RSD	.1766927	1.941774	.8025525	3.649185	.1298801	.4160871	.5865903
#1	6.449582	-.206234	.0114975	.0052121	2.122485	6.841579	4.504502
#2	6.470262	-.214127	.0115804	.0054051	2.127778	6.786407	4.485005
#3	6.451569	-.212061	.0113963	.0056068	2.126494	6.825451	4.537339

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: Q1488-03 Acquired: 3/13/2025 14:15:20 Type: Unk
Method: NON EPA-6010-200.7(v2770) 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	5.067260	.1342781	.0916758
Stddev	.013832	.0003689	.0000138
%RSD	.2729666	.2747209	.0150160
#1	5.063163	.1340254	.0916645
#2	5.055940	.1341076	.0916717
#3	5.082678	.1347014	.0916911

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3676.648	80976.07	16564.37	2374.317	4480.813
Stddev	11.411	96.74	54.03	4.260	20.877
%RSD	.3103631	.1194654	.3261574	.1794356	.4659151
#1	3679.778	80876.14	16624.48	2369.626	4484.937
#2	3686.166	80982.80	16519.87	2375.378	4499.320
#3	3663.998	81069.26	16548.75	2377.946	4458.182

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: Q1488-05 Acquired: 3/13/2025 14:19:27 Type: Unk
Method: NON EPA-6010-200.7(v2770) 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	.0732074	.0095671	2.355033	-.040120	-.003827	161.7785	1.446486
Stddev	.0024937	.0030317	.018629	.001719	.004312	.2980	.002005
%RSD	3.406292	31.68882	.7910192	4.283428	112.6565	.1842150	.1386031
#1	.0704497	.0077481	2.353123	-.038790	-.006752	161.4346	1.445728
#2	.0738692	.0078863	2.337432	-.042061	-.005854	161.9606	1.448759
#3	.0753035	.0130670	2.374543	-.039511	.001124	161.9404	1.444970

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0152343	.0022638	26.15869	.2827217	.1776444	3.851773	297.1157
Stddev	.0000460	.0003737	.05381	.0004920	.0012007	.022851	.5791
%RSD	.3019046	16.50971	.2057056	.1740140	.6759053	.5932515	.1948963
#1	.0152716	.0022587	26.18167	.2826109	.1778221	3.839019	296.5652
#2	.0151829	.0018926	26.19720	.2822945	.1763647	3.838145	297.0623
#3	.0152485	.0026400	26.09721	.2832596	.1787463	3.878153	297.7196

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.758579	58.48987	.3464646	.0023369	1.228855	.3499633	1.825455
Stddev	.014452	.09394	.0036121	.0004220	.011696	.0025384	.006836
%RSD	.1862688	.1606100	1.042571	18.05867	.9518117	.7253445	.3744679
#1	7.767746	58.56515	.3441667	.0026072	1.235890	.3506706	1.818047
#2	7.766071	58.51986	.3445990	.0025529	1.215354	.3520731	1.831520
#3	7.741919	58.38459	.3506280	.0018506	1.235323	.3471462	1.826798

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	21.64480	-.348928	.0236608	.0483443	3.606907	7.362039	9.428104
Stddev	.12152	.003625	.0007359	.0010198	.003832	.033301	.080223
%RSD	.5614488	1.038828	3.110372	2.109497	.1062455	.4523360	.8508933
#1	21.54119	-.350551	.0238692	.0471683	3.609733	7.330420	9.371604
#2	21.61465	-.351457	.0228431	.0488784	3.608443	7.358897	9.392780
#3	21.77856	-.344775	.0242700	.0489861	3.602545	7.396800	9.519927

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: Q1488-05 Acquired: 3/13/2025 14:19:27 Type: Unk
Method: NON EPA-6010-200.7(v2770) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.268355	.3938132	.2736249
Stddev	.037934	.0005634	.0003543
%RSD	.8887315	.1430750	.1294766
#1	4.237635	.3932247	.2733130
#2	4.256674	.3938670	.2740101
#3	4.310756	.3943478	.2735516

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3888.350	85419.60	18074.48	2495.957	4228.665
Stddev	15.981	254.87	45.74	4.854	26.222
%RSD	.4110059	.2983764	.2530413	.1944657	.6200921
#1	3893.888	85711.98	18057.47	2500.107	4239.193
#2	3900.825	85302.55	18039.69	2497.144	4247.987
#3	3870.336	85244.28	18126.29	2490.620	4198.816

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: Q1488-07 Acquired: 3/13/2025 14:23:29 Type: Unk
Method: NON EPA-6010-200.7(v2770) 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	.0422154	.0059359	.1237381	-.020734	-.004092	101.2748
Stddev	.0007997	.0014140	.0008954	.002478	.003312	.1240
%RSD	1.894330	23.82191	.7236225	11.95069	80.95627	.1224526
#1	.0429836	.0072123	.1227055	-.022905	-.006101	101.1469
#2	.0413876	.0061794	.1242094	-.021262	-.005905	101.2831
#3	.0422750	.0044159	.1242995	-.018034	-.000268	101.3945

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1639439	.0063451	-.006935	8.700587	.1595739	.1071594
Stddev	.0010338	.0000925	.000189	.012540	.0012838	.0003448
%RSD	.6306055	1.457205	2.718834	.1441224	.8045245	.3217500
#1	.1632852	.0063127	-.007117	8.711849	.1581266	.1067856
#2	.1651355	.0064494	-.006741	8.702837	.1600198	.1074649
#3	.1634110	.0062731	-.006946	8.687075	.1605753	.1072279

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1906356	185.9878	1.268144	20.90144	.1372508	.0003612
Stddev	.0007590	.5946	.002676	.08926	.0006825	.0002733
%RSD	.3981560	.3196786	.2110059	.4270338	.4972294	75.65864
#1	.1897669	186.0962	1.268550	20.85405	.1368239	.0006010
#2	.1911704	185.3466	1.265288	20.84587	.1380379	.0000636
#3	.1909696	186.5208	1.270594	21.00439	.1368906	.0004191

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.870801	.2931575	.4978260	6.869913	-.214454	.0071510
Stddev	.005034	.0009866	.0024724	.022388	.005822	.0002876
%RSD	.1753496	.3365436	.4966343	.3258886	2.714938	4.021655
#1	2.871359	.2940730	.4956940	6.844338	-.207798	.0068318
#2	2.875533	.2932869	.4972477	6.879430	-.218602	.0072315
#3	2.865511	.2921126	.5005363	6.885969	-.216962	.0073898

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: Q1488-07 Acquired: 3/13/2025 14:23:29 Type: Unk
Method: NON EPA-6010-200.7(v2770) 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	.0081576	2.387520	6.977309	7.897429	F 119.0982	.2015331
Stddev	.0006401	.001918	.014601	.032684	.5357	.0017358
%RSD	7.846426	.0803281	.2092632	.4138529	.4497853	.8612777
#1	.0081588	2.388869	6.970920	7.860187	118.5237	.2015095
#2	.0075169	2.385325	6.966993	7.921341	119.5840	.1998092
#3	.0087971	2.388366	6.994016	7.910759	119.1868	.2032805

Elem	Sr4077
Units	ppm
Avg	.0968887
Stddev	.0002660
%RSD	.2745010
#1	.0969400
#2	.0966008
#3	.0971253

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3554.849	79138.04	16299.49	2355.319	4413.470
Stddev	9.471	192.00	39.96	5.645	14.398
%RSD	.2664318	.2426102	.2451395	.2396701	.3262299
#1	3565.786	79340.23	16345.46	2353.329	4429.222
#2	3549.465	79115.69	16273.08	2361.690	4400.989
#3	3549.298	78958.20	16279.93	2350.939	4410.198

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: Q1488-09 Acquired: 3/13/2025 14:27:34 Type: Unk
Method: NON EPA-6010-200.7(v2770) 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	.1985622	.0163514	4.221565	-.058933	.0073166	116.7843	.9398564
Stddev	.0022911	.0017272	.008134	.003626	.0017856	.2835	.0026252
%RSD	1.153843	10.56312	.1926822	6.152549	24.40495	.2427881	.2793166
#1	.2011895	.0161071	4.223968	-.055714	.0057733	116.6051	.9397623
#2	.1975173	.0181878	4.212500	-.058226	.0069041	116.6365	.9372796
#3	.1969799	.0147594	4.228227	-.062861	.0092723	117.1112	.9425274

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0122756	.0053010	127.9534	.3340634	.1380582	19.40453	392.5705
Stddev	.0000584	.0008431	.4100	.0022183	.0006186	.04031	3.0211
%RSD	.4761881	15.90428	.3204380	.6640242	.4480426	.2077334	.7695647
#1	.0122465	.0043874	128.3091	.3325685	.1376093	19.38124	395.9582
#2	.0123429	.0054668	127.5050	.3330096	.1378016	19.38128	391.5974
#3	.0122373	.0060490	128.0461	.3366121	.1387638	19.45108	390.1559

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.50446	24.63379	.3440858	-.002636	3.736649	.4354865	3.907813
Stddev	.03864	.04934	.0013434	.000574	.030357	.0014902	.009080
%RSD	.3090126	.2002934	.3904249	21.77634	.8124122	.3422000	.2323452
#1	12.53653	24.65985	.3437057	-.002539	3.745479	.4372030	3.918266
#2	12.46156	24.57688	.3429734	-.002117	3.702856	.4347326	3.901891
#3	12.51530	24.66463	.3455783	-.003253	3.761612	.4345239	3.903281

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.64752	-.707228	.0254976	1.266817	5.548004	9.310163	6.415174
Stddev	.08300	.014614	.0002536	.003854	.011446	.059661	.007765
%RSD	.7126314	2.066418	.9943904	.3041949	.2063158	.6408142	.1210415
#1	11.70051	-.691003	.0255145	1.266296	5.549336	9.311889	6.408250
#2	11.55186	-.719359	.0252361	1.263251	5.535950	9.249658	6.413702
#3	11.69020	-.711321	.0257423	1.270905	5.558727	9.368942	6.423569

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: Q1488-09 Acquired: 3/13/2025 14:27:34 Type: Unk
Method: NON EPA-6010-200.7(v2770) 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	8.694876	.2338540	.8096590
Stddev	.032782	.0002146	.0015100
%RSD	.3770301	.0917708	.1864957
#1	8.669422	.2340026	.8105267
#2	8.683339	.2336080	.8079155
#3	8.731867	.2339515	.8105349

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3478.087	78072.99	14938.90	2287.365	4236.512
Stddev	7.186	183.14	10.17	7.725	8.603
%RSD	.2066158	.2345706	.0681037	.3377206	.2030567
#1	3482.801	77985.09	14939.01	2278.822	4237.690
#2	3481.644	78283.51	14928.67	2289.416	4244.465
#3	3469.816	77950.38	14949.02	2293.858	4227.382

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: Q1488-11 Acquired: 3/13/2025 14:31:39 Type: Unk
Method: NON EPA-6010-200.7(v2770) 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	.0359756	.0129731	.2148719	-.020255	-.004512	76.90080
Stddev	.0010018	.0009423	.0008266	.002270	.000776	.10532
%RSD	2.784526	7.263346	.3846783	11.20678	17.19022	.1369562
#1	.0348297	.0118990	.2156466	-.022634	-.004066	76.78055
#2	.0366852	.0136605	.2140018	-.020016	-.005407	76.94522
#3	.0364119	.0133598	.2149672	-.018113	-.004062	76.97664

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1522217	.0052892	-.008595	12.89407	.1150730	.0434041
Stddev	.0007907	.0000466	.000247	.02245	.0005693	.0001349
%RSD	.5194644	.8802758	2.871485	.1741065	.4947436	.3108865
#1	.1530749	.0052428	-.008598	12.87420	.1157301	.0435597
#2	.1515136	.0052887	-.008841	12.88958	.1147610	.0433334
#3	.1520765	.0053359	-.008347	12.91842	.1147279	.0433192

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.189372	202.1766	1.112497	22.84836	.1067159	-.000547
Stddev	.005651	.5531	.003192	.07013	.0001063	.000371
%RSD	.4751182	.2735642	.2869247	.3069473	.0996010	67.82823
#1	1.191903	202.7339	1.114992	22.84239	.1066018	-.000220
#2	1.182898	201.6279	1.113600	22.78141	.1067339	-.000950
#3	1.193315	202.1679	1.108900	22.92129	.1068121	-.000471

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.704066	.1388760	.6544242	6.030659	-.227601	.0371810
Stddev	.026234	.0026318	.0004808	.005947	.002073	.0002797
%RSD	.3913175	1.895041	.0734740	.0986133	.9109477	.7521786
#1	6.733870	.1417025	.6541688	6.023871	-.225348	.0372278
#2	6.693862	.1384295	.6541249	6.033153	-.228027	.0368809
#3	6.684468	.1364961	.6549788	6.034953	-.229428	.0374344

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: Q1488-11 Acquired: 3/13/2025 14:31:39 Type: Unk
Method: NON EPA-6010-200.7(v2770) 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	.0902699	1.528987	F 11.55768	3.856411	F 157.2399	.3403364
Stddev	.0014719	.002439	.01530	.021765	1.2108	.0010421
%RSD	1.630586	.1595286	.1324119	.5643962	.7700634	.3062040
#1	.0914976	1.530319	11.55784	3.866769	158.0109	.3406266
#2	.0886381	1.530471	11.54230	3.831401	155.8443	.3412026
#3	.0906740	1.526172	11.57291	3.871064	157.8646	.3391799

Elem	Sr4077
Units	ppm
Avg	.1784447
Stddev	.0003101
%RSD	.1738010
#1	.1788026
#2	.1782765
#3	.1782550

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3547.018	77980.10	15899.55	2283.585	4599.503
Stddev	16.686	210.69	34.38	8.071	24.407
%RSD	.4704275	.2701886	.2162530	.3534468	.5306509
#1	3542.309	77812.83	15863.77	2283.304	4588.105
#2	3565.553	78216.73	15932.35	2291.793	4627.524
#3	3533.193	77910.74	15902.51	2275.658	4582.880

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: Q1491-02 Acquired: 3/13/2025 14:35:46 Type: Unk
Method: NON EPA-6010-200.7(v2770) 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	-.000757	.0009223	.0421633	.0011808	.0274114	2.249775
Stddev	.001900	.0012139	.0004207	.0024484	.0004351	.004185
%RSD	251.0161	131.6120	.9978788	207.3451	1.587236	.1860187
#1	.001428	.0014875	.0423660	.0026060	.0269095	2.254591
#2	-.002019	-.000471	.0424444	.0025828	.0276816	2.247015
#3	-.001679	.001751	.0416796	-.001646	.0276430	2.247720

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1452827	.0002665	.0024803	25.10912	.0344049	.0044210
Stddev	.0016309	.0000647	.0000316	.03922	.0009129	.0001910
%RSD	1.122597	24.27388	1.272837	.1561951	2.653329	4.320847
#1	.1467677	.0001964	.0024942	25.13080	.0334674	.0042039
#2	.1455433	.0003239	.0024442	25.13271	.0352910	.0044962
#3	.1435372	.0002792	.0025025	25.06385	.0344564	.0045631

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2448517	17.77591	.2191223	6.080847	.0386310	.0017095
Stddev	.0015825	.12046	.0006166	.026458	.0000434	.0002871
%RSD	.6463099	.6776720	.2813895	.4351062	.1122494	16.79379
#1	.2446900	17.72499	.2198320	6.105927	.0386621	.0020258
#2	.2433562	17.91347	.2188167	6.083415	.0385815	.0016374
#3	.2465088	17.68926	.2187181	6.053198	.0386495	.0014654

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	521.4326	.0064699	.9545760	22.51925	.1418616	.0148925
Stddev	5.6104	.0004684	.0028510	.22685	.0008330	.0002587
%RSD	1.075968	7.239579	.2986721	1.007370	.5871631	1.737263
#1	518.1732	.0059375	.9538824	22.43084	.1412375	.0146094
#2	527.9109	.0068183	.9577099	22.77700	.1428075	.0149516
#3	518.2136	.0066540	.9521358	22.34992	.1415399	.0151166

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: Q1491-02 Acquired: 3/13/2025 14:35:46 Type: Unk
Method: NON EPA-6010-200.7(v2770) 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	.0103281	.0462200	F 26.83775	7.436160	F 29.30218	.0212625
Stddev	.0002978	.0021708	.23627	.015635	.16020	.0014276
%RSD	2.883775	4.696630	.8803717	.2102566	.5467251	6.714085
#1	.0103410	.0463166	26.70667	7.437631	29.13410	.0197523
#2	.0100240	.0483409	27.11051	7.419842	29.31930	.0225898
#3	.0106192	.0440026	26.69608	7.451008	29.45313	.0214453

Elem	Sr4077
Units	ppm
Avg	.2846994
Stddev	.0004825
%RSD	.1694665
#1	.2843395
#2	.2852476
#3	.2845110

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3122.176	67758.89	14661.92	2006.860	4060.174
Stddev	18.174	325.18	50.37	4.696	19.041
%RSD	.5820827	.4799148	.3435697	.2340068	.4689592
#1	3133.593	67826.74	14608.24	2007.387	4072.366
#2	3131.717	67405.14	14708.17	2001.922	4069.923
#3	3101.219	68044.80	14669.34	2011.270	4038.233

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: CCV03 Acquired: 3/13/2025 14:40:03 Type: Unk
Method: NON EPA-6010-200.7(v2770) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV03 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.126470	4.970811	5.152736	5.055544	5.043876	10.10511	9.834531
Stddev	.016724	.035254	.004956	.013263	.008251	.03682	.049718
%RSD	.3262274	.7092144	.0961789	.2623434	.1635899	.3643905	.5055499
#1	5.141992	4.980244	5.157747	5.063759	5.053394	10.11934	9.810358
#2	5.128659	5.000389	5.152623	5.062629	5.039487	10.06329	9.801521
#3	5.108760	4.931800	5.147837	5.040243	5.038747	10.13269	9.891713

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2606511	2.544894	25.10587	1.054834	2.523681	1.271320	4.994064
Stddev	.0010399	.001874	.06095	.001067	.003544	.004353	.019329
%RSD	.3989703	.0736421	.2427693	.1011761	.1404469	.3424004	.3870374
#1	.2606640	2.546190	25.07330	1.055771	2.527411	1.275450	4.972534
#2	.2596048	2.545746	25.06813	1.053673	2.523273	1.271735	4.999733
#3	.2616845	2.542745	25.17619	1.055058	2.520358	1.266774	5.009924

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.489387	25.13083	2.525800	1.284368	24.66097	2.518699	2.558259
Stddev	.004176	.13813	.000837	.002380	.09613	.004558	.014204
%RSD	.1677636	.5496554	.0331360	.1853366	.3898241	.1809642	.5552127
#1	2.487677	25.02750	2.526647	1.283338	24.61504	2.516022	2.542222
#2	2.486337	25.07726	2.525780	1.287090	24.77145	2.516113	2.563299
#3	2.494147	25.28772	2.524974	1.282677	24.59642	2.523962	2.569255

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.51121	5.176209	5.057925	5.128156	4.950249	5.229926	5.126132
Stddev	.07087	.014737	.012788	.004865	.008322	.031841	.005949
%RSD	.2891185	.2846994	.2528357	.0948767	.1681054	.6088210	.1160586
#1	24.45189	5.180398	5.070372	5.122657	4.948519	5.196187	5.132381
#2	24.58969	5.159832	5.058582	5.129913	4.942929	5.234143	5.125478
#3	24.49207	5.188398	5.044821	5.131900	4.959300	5.259449	5.120536

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: CCV03 Acquired: 3/13/2025 14:40:03 Type: Unk
Method: NON EPA-6010-200.7(v2770) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV03 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.962142	4.894748	4.977557
Stddev	.006716	.004497	.060101
%RSD	.1353469	.0918754	1.207443
#1	4.968233	4.899417	5.014235
#2	4.963253	4.890445	4.908197
#3	4.954939	4.894384	5.010241

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3301.007	71608.58	14226.83	2080.837	4431.859
Stddev	13.339	95.17	43.92	9.641	11.228
%RSD	.4040764	.1329084	.3087176	.4633323	.2533547
#1	3287.903	71707.03	14214.52	2091.745	4420.607
#2	3300.549	71517.06	14275.59	2077.311	4431.905
#3	3314.568	71601.66	14190.38	2073.455	4443.064

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: CCB03 Acquired: 3/13/2025 14:48:56 Type: Unk
Method: NON EPA-6010-200.7(v2770) 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	.0001658	.0013600	.0012141	-.000501	.0011453	-.007618	.0019363
Stddev	.0008228	.0011263	.0006843	.001557	.0013955	.002376	.0005118
%RSD	496.3993	82.81386	56.36568	310.4694	121.8414	31.19528	26.43000
#1	.0003859	.0014579	.0007712	-.000456	-.000053	-.006763	.0015872
#2	.0008562	.0001880	.0008688	.001032	.002677	-.005787	.0016979
#3	-.000745	.0024341	.0020023	-.002080	.000811	-.010304	.0025237

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000026	-.000018	.0007566	.0001030	.0001981	-.000295	.0023265
Stddev	.000030	.000047	.0035801	.0005950	.0000240	.000388	.0045986
%RSD	113.5608	262.1158	473.2075	577.8874	12.12332	131.4773	197.6646
#1	-.000058	.000025	.0048458	-.000029	.0002213	.000058	.0033370
#2	.000000	-.000067	-.000763	-.000415	.0001733	-.000711	-.002693
#3	-.000020	-.000012	-.001813	.000753	.0001998	-.000234	.006336

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000826	-.002104	-.000164	-.000004	.0283374	-.000100	-.000541
Stddev	.000306	.009214	.000270	.000142	.0138177	.001202	.000352
%RSD	37.02951	437.9268	164.4881	3206.668	48.76123	1202.657	65.09288
#1	-.000850	.003085	-.000428	.000098	.0162694	-.001468	-.000332
#2	-.001119	-.012742	.000111	.000055	.0253326	.000786	-.000947
#3	-.000508	.003346	-.000176	-.000166	.0434103	.000382	-.000343

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0694044	-.001161	.0000099	-.001782	.0006306	-.001752	-.004989
Stddev	.0285602	.000872	.0004283	.000405	.0003406	.002186	.001155
%RSD	41.15047	75.13910	4343.723	22.74883	54.00036	124.8238	23.14235
#1	.0472697	-.001565	.0003475	-.001539	.0004906	-.003891	-.003802
#2	.0593003	-.001759	-.000472	-.001558	.0003825	-.001843	-.006108
#3	.1016431	-.000160	.000154	-.002250	.0010189	.000479	-.005058

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: CCB03 Acquired: 3/13/2025 14:48:56 Type: Unk
Method: NON EPA-6010-200.7(v2770) 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	.0014915	.0021374	-.000033
Stddev	.0035392	.0007167	.000046
%RSD	237.2832	33.52970	139.6098
#1	-.002261	.0013587	.000012
#2	.001967	.0027693	-.000079
#3	.004769	.0022841	-.000032

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3488.731	76460.92	14533.91	2267.092	5043.760
Stddev	4.208	503.65	27.30	23.026	7.518
%RSD	.1206099	.6586979	.1878133	1.015649	.1490592
#1	3489.363	76135.65	14513.69	2247.246	5049.106
#2	3484.243	76206.05	14564.96	2261.692	5035.163
#3	3492.586	77041.06	14523.07	2292.337	5047.009

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: Q1495-01 Acquired: 3/13/2025 14:53:16 Type: Unk
Method: NON EPA-6010-200.7(v2770) 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	.0028093	-.000559	.0296287	-.003991	.0029265	1.564569
Stddev	.0018712	.000701	.0006317	.003684	.0011408	.003843
%RSD	66.60643	125.4248	2.132104	92.30846	38.98355	.2456420
#1	.0048564	-.001076	.0303576	-.003653	.0030824	1.560760
#2	.0023841	-.000841	.0292887	-.000487	.0017157	1.564503
#3	.0011873	.000239	.0292397	-.007831	.0039813	1.568446

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1045823	.0002391	-.000305	125.0191	.0070898	.0046324
Stddev	.0004092	.0000270	.000119	.3678	.0002368	.0002782
%RSD	.3912882	11.27580	38.97144	.2942194	3.340519	6.006345
#1	.1050156	.0002590	-.000265	124.6309	.0071269	.0043421
#2	.1042025	.0002499	-.000438	125.3625	.0073059	.0048967
#3	.1045288	.0002084	-.000211	125.0638	.0068366	.0046586

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0281154	16.33222	.4263904	11.11169	.0119325	.0004000
Stddev	.0001377	.06843	.0025683	.05777	.0001637	.0003078
%RSD	.4896863	.4189704	.6023434	.5199241	1.372006	76.93188
#1	.0282296	16.25321	.4250613	11.08739	.0121116	.0001079
#2	.0279625	16.37271	.4293510	11.07004	.0118951	.0007214
#3	.0281541	16.37073	.4247590	11.17765	.0117907	.0003709

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1657.437	.0066959	.9328908	16.27108	.0748022	.0078919
Stddev	36.575	.0015678	.0066060	.08865	.0010507	.0002883
%RSD	2.206692	23.41407	.7081164	.5448559	1.404626	3.653334
#1	1656.203	.0050870	.9260173	16.18042	.0746937	.0078509
#2	1694.614	.0082190	.9391920	16.27524	.0759029	.0081984
#3	1621.496	.0067816	.9334631	16.35758	.0738099	.0076262

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: Q1495-01 Acquired: 3/13/2025 14:53:16 Type: Unk
Method: NON EPA-6010-200.7(v2770) 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	-.003126	.0604466	8.498285	1.500801	F 37.48291	.0132556
Stddev	.001445	.0005683	.027648	.000394	.13716	.0007198
%RSD	46.22940	.9402224	.3253353	.0262198	.3659241	5.430129
#1	-.002983	.0607799	8.469043	1.501070	37.48985	.0124433
#2	-.001757	.0597904	8.501814	1.500350	37.34241	.0138143
#3	-.004637	.0607695	8.524000	1.500985	37.61647	.0135092

Elem	Sr4077
Units	ppm
Avg	.4295398
Stddev	.0014743
%RSD	.3432371
#1	.4279309
#2	.4308262
#3	.4298624

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2868.925	62785.69	13406.53	1893.259	3523.105
Stddev	11.663	263.63	59.36	10.351	13.328
%RSD	.4065171	.4198882	.4427378	.5467131	.3782892
#1	2882.382	63089.95	13461.29	1904.899	3538.475
#2	2861.759	62641.91	13343.45	1885.090	3514.754
#3	2862.633	62625.21	13414.85	1889.787	3516.086

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: Q1495-02 Acquired: 3/13/2025 14:57:36 Type: Unk
Method: NON EPA-6010-200.7(v2770) 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	.0122959	-.000844	.0357608	.0000740	.0038783	2.105145
Stddev	.0033969	.001792	.0009314	.0007215	.0009192	.003827
%RSD	27.62657	212.2351	2.604538	975.3671	23.69996	.1817992
#1	.0131618	-.002785	.0361522	-.000533	.0035007	2.107612
#2	.0085498	-.000495	.0346975	.000872	.0032081	2.107087
#3	.0151761	.000747	.0364326	-.000117	.0049262	2.100736

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1151388	.0002137	-.000578	126.1224	.0092225	.0046828
Stddev	.0007234	.0000207	.000038	.2671	.0003106	.0003325
%RSD	.6282620	9.696922	6.556450	.2118095	3.368141	7.100093
#1	.1159655	.0001938	-.000621	126.4067	.0095084	.0050353
#2	.1146220	.0002122	-.000565	126.0841	.0092670	.0046384
#3	.1148289	.0002351	-.000549	125.8765	.0088920	.0043748

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0320797	19.46410	.4517459	12.43849	.0120632	.0006168
Stddev	.0001592	.07338	.0015952	.07727	.0005034	.0003609
%RSD	.4962960	.3769864	.3531198	.6212013	4.172993	58.51229
#1	.0320901	19.38701	.4529573	12.49592	.0117715	.0010299
#2	.0319155	19.53310	.4523420	12.35064	.0117736	.0003628
#3	.0322334	19.47218	.4499385	12.46890	.0126445	.0004577

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 1937.266	.0087028	1.002558	18.61596	.1050208	.0076124
Stddev	21.719	.0014790	.002182	.18007	.0005076	.0001972
%RSD	1.121107	16.99486	.2176024	.9672829	.4833108	2.590545
#1	1936.490	.0082401	1.004072	18.41208	.1050700	.0073852
#2	1959.363	.0075104	1.000058	18.75327	.1055020	.0077139
#3	1915.946	.0103579	1.003544	18.68251	.1044904	.0077383

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: Q1495-02 Acquired: 3/13/2025 14:57:36 Type: Unk
Method: NON EPA-6010-200.7(v2770) 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	-.003499	.0838006	F 10.63061	1.599913	F 37.39093	.0302775
Stddev	.000131	.0007999	.04301	.001096	.08825	.0003858
%RSD	3.739784	.9544952	.4046065	.0685287	.2360264	1.274315
#1	-.003394	.0832219	10.58338	1.600373	37.32377	.0298385
#2	-.003456	.0847133	10.66753	1.600705	37.35814	.0305626
#3	-.003645	.0834666	10.64094	1.598662	37.49089	.0304316

Elem	Sr4077
Units	ppm
Avg	.4478318
Stddev	.0010610
%RSD	.2369222
#1	.4469626
#2	.4490141
#3	.4475186

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2828.556	60975.86	14034.08	1831.094	3467.773
Stddev	6.578	82.95	59.04	5.392	7.198
%RSD	.2325613	.1360438	.4206771	.2944471	.2075787
#1	2825.368	61045.74	13966.37	1829.774	3472.469
#2	2836.121	60884.19	14061.08	1837.023	3471.364
#3	2824.179	60997.66	14074.79	1826.486	3459.485

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: Q1514-02 Acquired: 3/13/2025 15:01:56 Type: Unk
Method: NON EPA-6010-200.7(v2770) 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	-.004578	-.005013	.0714577	.0021561	.0023522	.0132964	.2324696
Stddev	.001451	.001268	.0015091	.0024146	.0014603	.0036066	.0009552
%RSD	31.69255	25.30014	2.111811	111.9882	62.08028	27.12488	.4108767
#1	-.006173	-.004487	.0720258	.0049414	.0011509	.0112894	.2324622
#2	-.004225	-.006459	.0697471	.0008736	.0019282	.0111398	.2315182
#3	-.003337	-.004092	.0726003	.0006534	.0039776	.0174601	.2334285

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000052	.0004785	32.04328	-.000246	.0053291	.0109426	1.732005
Stddev	.0000342	.0000241	.03678	.000365	.0002772	.0003495	.007701
%RSD	659.7391	5.028867	.1147956	148.2693	5.200908	3.194153	.4446348
#1	.0000102	.0004636	32.04681	-.000625	.0050621	.0112864	1.724136
#2	.0000366	.0005062	32.07817	-.000217	.0053098	.0105876	1.739527
#3	-.000031	.0004656	32.00485	.000103	.0056154	.0109538	1.732352

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6480976	1.627854	.0065124	.0000347	331.8984	-.000196	.0864858
Stddev	.0008293	.004527	.0002811	.0001681	1.6772	.000576	.0006519
%RSD	.1279629	.2780726	4.316049	483.9658	.5053260	293.7561	.7537962
#1	.6490065	1.626161	.0065322	.0000297	330.5174	-.000497	.0858929
#2	.6473820	1.624419	.0067830	.0002052	333.7647	-.000560	.0871840
#3	.6479043	1.632984	.0062219	-.000131	331.4131	.000468	.0863807

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.512600	.0134502	.0001087	-.001525	-.000062	.4940651	.0015834
Stddev	.032342	.0008884	.0001038	.000707	.000671	.0033623	.0016291
%RSD	2.138145	6.605133	95.52902	46.35542	1081.136	.6805397	102.8845
#1	1.487707	.0144486	.0001220	-.001530	.000712	.4901826	.0032541
#2	1.549155	.0127468	-.000001	-.000816	-.000473	.4960007	-.000001
#3	1.500936	.0131552	.000205	-.002229	-.000425	.4960119	.001497

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: Q1514-02 Acquired: 3/13/2025 15:01:56 Type: Unk
Method: NON EPA-6010-200.7(v2770) 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	.3680296	-.005208	.1033904
Stddev	.0015615	.000564	.0000979
%RSD	.4242721	10.82876	.0947237
#1	.3698211	-.005015	.1033108
#2	.3673106	-.004766	.1034998
#3	.3669573	-.005844	.1033607

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3193.767	70513.81	14879.07	2051.119	4241.819
Stddev	5.108	248.92	68.25	8.324	10.336
%RSD	.1599496	.3530056	.4586940	.4058149	.2436670
#1	3189.574	70687.21	14805.40	2058.914	4232.172
#2	3199.457	70228.59	14891.69	2042.351	4252.728
#3	3192.270	70625.63	14940.13	2052.091	4240.558

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: Q1514-04 Acquired: 3/13/2025 15:06:22 Type: Unk
Method: NON EPA-6010-200.7(v2770) 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	.0035037	-.003385	.0118611	.0025576	.0031378	.0142533	.1606181
Stddev	.0013300	.001250	.0021154	.0024590	.0017904	.0018371	.0007279
%RSD	37.95938	36.92751	17.83460	96.14691	57.05834	12.88874	.4532110
#1	.0024421	-.003749	.0099460	.0036851	.0044872	.0137408	.1598104
#2	.0030734	-.004412	.0141317	.0042507	.0011067	.0127269	.1612234
#3	.0049955	-.001993	.0115054	-.000263	.0038194	.0162922	.1608204

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000698	-.001455	106.6138	-.000116	.0029449	.0071916	23.12802
Stddev	.0000396	.000022	.2702	.000203	.0003583	.0002823	.26108
%RSD	56.76922	1.536324	.2534575	174.1378	12.16613	3.925377	1.128858
#1	.0001091	-.001460	106.4095	.000025	.0025312	.0072056	22.87450
#2	.0000298	-.001430	106.9202	-.000349	.0031483	.0074667	23.11351
#3	.0000705	-.001474	106.5116	-.000026	.0031552	.0069026	23.39606

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.284110	2.384083	.0261034	.0000154	394.4475	.0012343	.1855472
Stddev	.004782	.022585	.0003115	.0001334	3.7087	.0013818	.0023885
%RSD	.3724194	.9473152	1.193203	868.5825	.9402308	111.9473	1.287291
#1	1.278657	2.366298	.0259374	.0000666	390.4906	.0024988	.1835157
#2	1.286083	2.409493	.0259101	-.000136	395.0075	.0014448	.1849476
#3	1.287590	2.376457	.0264627	.000116	397.8443	-.000241	.1881785

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.718520	-.009482	.0025054	-.002484	-.001837	.8703134	.1661073
Stddev	.047830	.000242	.0001251	.000991	.000172	.0112010	.0043262
%RSD	2.783226	2.556673	4.993796	39.90561	9.336300	1.287008	2.604466
#1	1.673486	-.009427	.0025185	-.003576	-.001880	.8625942	.1676829
#2	1.713349	-.009747	.0026234	-.002239	-.001983	.8651856	.1612141
#3	1.768726	-.009272	.0023742	-.001639	-.001648	.8831604	.1694249

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: Q1514-04 Acquired: 3/13/2025 15:06:22 Type: Unk
Method: NON EPA-6010-200.7(v2770) 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	1.513665	-.007338	.3821242
Stddev	.006518	.000983	.0012614
%RSD	.4305819	13.40078	.3300980
#1	1.517208	-.008321	.3807558
#2	1.506143	-.006355	.3832404
#3	1.517643	-.007338	.3823764

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3178.315	69948.17	15146.45	2041.311	4180.200
Stddev	1.551	615.29	42.59	14.155	7.994
%RSD	.0487931	.8796306	.2811719	.6934250	.1912448
#1	3176.695	70580.44	15160.62	2057.377	4175.002
#2	3179.786	69912.66	15098.59	2035.881	4189.406
#3	3178.465	69351.40	15180.16	2030.675	4176.192

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: Q1514-06 Acquired: 3/13/2025 15:10:45 Type: Unk
Method: NON EPA-6010-200.7(v2770) 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	-.004039	-.004715	.0053197	.0058133	.0015852	.5809411	.0920214
Stddev	.001695	.001305	.0008828	.0031247	.0013793	.0053504	.0013734
%RSD	41.96342	27.68487	16.59406	53.75165	87.00985	.9209903	1.492465
#1	-.003366	-.003517	.0062964	.0033020	-.000005	.5791509	.0912354
#2	-.002783	-.004522	.0050841	.0093126	.002453	.5767153	.0936073
#3	-.005967	-.006106	.0045787	.0048252	.002308	.5869570	.0912216

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000522	.0002713	49.61003	.0014411	.0100419	.0054480	.4640984
Stddev	.0000276	.0000642	.08473	.0003496	.0000587	.0001174	.0058281
%RSD	52.83395	23.64980	.1707964	24.26181	.5846442	2.154986	1.255799
#1	.0000609	.0002050	49.69567	.0013799	.0100133	.0055195	.4667873
#2	.0000743	.0002760	49.60818	.0011261	.0100030	.0055119	.4574112
#3	.0000213	.0003330	49.52624	.0018173	.0101094	.0053125	.4680966

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4160458	2.111096	.0124498	-.000100	342.0208	.0001634	.0716971
Stddev	.0004440	.015841	.0001007	.000235	1.5886	.0015403	.0002623
%RSD	.1067319	.7503835	.8086942	235.7521	.4644601	942.3761	.3657865
#1	.4160710	2.116339	.0125573	-.000245	343.1068	-.001417	.0714050
#2	.4155897	2.123650	.0123577	.000172	342.7580	.000247	.0719122
#3	.4164767	2.093297	.0124345	-.000226	340.1976	.001661	.0717742

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.871789	.0082627	.0008314	-.001745	.0001487	1.949484	.0034246
Stddev	.053788	.0008090	.0001115	.000700	.0008866	.008840	.0017782
%RSD	1.389237	9.790786	13.40832	40.08904	596.1598	.4534723	51.92432
#1	3.846162	.0078295	.0008888	-.002428	-.000384	1.939307	.0032167
#2	3.835606	.0091961	.0007029	-.001029	.001172	1.955252	.0017595
#3	3.933598	.0077627	.0009025	-.001779	-.000343	1.953895	.0052977

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: Q1514-06 Acquired: 3/13/2025 15:10:45 Type: Unk
Method: NON EPA-6010-200.7(v2770) 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	2.772534	-.006150	.1480195
Stddev	.023425	.000721	.0004674
%RSD	.8448811	11.71783	.3157427
#1	2.790263	-.005769	.1483044
#2	2.781360	-.005700	.1474801
#3	2.745978	-.006981	.1482739

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3286.980	71436.19	14683.71	2117.710	4347.666
Stddev	15.326	405.58	27.29	5.732	15.420
%RSD	.4662501	.5677528	.1858519	.2706774	.3546718
#1	3280.154	71898.95	14685.67	2121.296	4339.338
#2	3276.252	71142.46	14655.50	2120.736	4338.201
#3	3304.532	71267.17	14709.97	2111.099	4365.459

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: Q1514-06DUP Acquired: 3/13/2025 15:15:10 Type: Unk
Method: NON EPA-6010-200.7(v2770) 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	-.005030	-.005086	.0041059	.0044715	.0012278	.5817619	.0941254
Stddev	.002025	.000499	.0009047	.0027360	.0019694	.0023736	.0007580
%RSD	40.26584	9.807703	22.03313	61.18700	160.3910	.4080059	.8053152
#1	-.007152	-.005607	.0051427	.0019945	-.000496	.5805541	.0933962
#2	-.003118	-.004613	.0034771	.0040117	.000806	.5844965	.0949093
#3	-.004821	-.005040	.0036978	.0074082	.003374	.5802350	.0940706

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000018	.0002130	49.92114	.0017706	.0100460	.0052574	.4782506
Stddev	.000037	.0000549	.04569	.0002279	.0002007	.0000771	.0057178
%RSD	209.0639	25.79064	.0915292	12.87195	1.997964	1.466199	1.195570
#1	-.000046	.0002591	49.87116	.0020242	.0098795	.0053213	.4841681
#2	.000024	.0001522	49.96078	.0015828	.0102688	.0051718	.4727559
#3	-.000031	.0002276	49.93146	.0017048	.0099895	.0052791	.4778277

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4158013	2.103612	.0123257	.0000578	348.5983	.0010768	.0709632
Stddev	.0010579	.002075	.0002465	.0001190	4.3030	.0009530	.0006017
%RSD	.2544147	.0986514	2.000141	205.9068	1.234385	88.50505	.8479127
#1	.4145999	2.106006	.0124819	-.000067	352.5397	.0020254	.0708006
#2	.4165934	2.102311	.0120415	.000169	344.0075	.0001194	.0704594
#3	.4162105	2.102520	.0124538	.000071	349.2479	.0010855	.0716294

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.957639	.0077238	.0009055	-.001830	.0003030	1.979603	.0046700
Stddev	.010313	.0004392	.0001079	.000763	.0002285	.009068	.0020880
%RSD	.2605747	5.686327	11.91557	41.66178	75.39275	.4580564	44.71067
#1	3.946388	.0073368	.0010300	-.001040	.0002097	1.969133	.0026093
#2	3.966642	.0076333	.0008405	-.002561	.0001360	1.984713	.0046164
#3	3.959888	.0082011	.0008460	-.001890	.0005634	1.984962	.0067842

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: Q1514-06DUP Acquired: 3/13/2025 15:15:10 Type: Unk
Method: NON EPA-6010-200.7(v2770) 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	2.797062	-.005636	.1489866
Stddev	.006273	.000089	.0001414
%RSD	.2242857	1.585411	.0948881
#1	2.795990	-.005678	.1489727
#2	2.803802	-.005533	.1491344
#3	2.791393	-.005696	.1488526

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3242.882	71794.71	15113.13	2111.266	4291.672
Stddev	6.500	164.77	38.91	11.676	12.045
%RSD	.2004446	.2295029	.2574678	.5530275	.2806664
#1	3247.418	71865.94	15099.38	2106.071	4299.156
#2	3235.435	71911.89	15157.04	2124.638	4277.777
#3	3245.791	71606.31	15082.95	2103.089	4298.083

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: Q1514-06LX5 Acquired: 3/13/2025 15:19:35 Type: Unk
Method: NON EPA-6010-200.7(v2770) 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	-.001785	-.000186	.0027720	.0030138	.0000451	.1168033	.0204381
Stddev	.001522	.001251	.0008075	.0022888	.0009431	.0031016	.0003601
%RSD	85.22053	670.8139	29.13041	75.94250	2093.058	2.655438	1.762006
#1	-.000629	.001161	.0036766	.0020895	.0010969	.1192978	.0206167
#2	-.001218	-.001311	.0021237	.0013318	-.000237	.1177816	.0200236
#3	-.003509	-.000409	.0025158	.0056202	-.000725	.1133304	.0206740

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000004	.0000481	10.52859	-.000141	.0020676	.0009622	.1023632
Stddev	.000045	.0000479	.01496	.000146	.0001938	.0002588	.0077155
%RSD	1182.179	99.59408	.1420609	103.2877	9.374796	26.89565	7.537343
#1	-.000054	.0000505	10.54183	.000023	.0021405	.0006649	.1112470
#2	.000013	.0000948	10.53157	-.000256	.0022145	.0011373	.0985020
#3	.000030	-.000001	10.51236	-.000191	.0018479	.0010843	.0973406

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0865388	.4494563	.0025074	.0002613	70.10296	.0008696	.0144905
Stddev	.0005911	.0224779	.0000782	.0002688	.36032	.0008134	.0001569
%RSD	.6830216	5.001129	3.117333	102.8674	.5139838	93.54318	1.082911
#1	.0860943	.4433029	.0025544	.0005513	70.47400	.0014675	.0143097
#2	.0872096	.4743700	.0024172	.0002122	70.08044	.0011980	.0145712
#3	.0863126	.4306959	.0025506	.0000205	69.75442	-.000057	.0145907

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9229913	-.002167	.0001984	-.000879	.0009079	.4031569	-.003909
Stddev	.0135743	.000916	.0004771	.000674	.0003438	.0022866	.001800
%RSD	1.470689	42.27848	240.5206	76.62285	37.86677	.5671843	46.03825
#1	.9084210	-.002674	.0007429	-.000110	.0009416	.4012300	-.003787
#2	.9252723	-.001110	-.000146	-.001365	.0012335	.4025570	-.002173
#3	.9352807	-.002719	-.000002	-.001162	.0005485	.4056837	-.005766

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: Q1514-06LX5 Acquired: 3/13/2025 15:19:35 Type: Unk
Method: NON EPA-6010-200.7(v2770) 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	.5625482	.0084457	.0311720
Stddev	.0040943	.0012093	.0000794
%RSD	.7278136	14.31840	.2547820
#1	.5615918	.0073657	.0311042
#2	.5670360	.0082192	.0312594
#3	.5590167	.0097523	.0311526

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3388.565	73470.54	14950.58	2152.853	4638.614
Stddev	17.469	173.64	42.99	2.319	21.747
%RSD	.5155229	.2363365	.2875806	.1077008	.4688175
#1	3383.085	73287.35	14990.76	2155.353	4632.028
#2	3374.493	73491.56	14905.24	2150.773	4620.922
#3	3408.117	73632.71	14955.74	2152.432	4662.893

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: Q1514-06MS Acquired: 3/13/2025 15:23:53 Type: Unk
Method: NON EPA-6010-200.7(v2770) 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	.7804302	1.730179	.9272565	1.889482	.7795168	2.436797	.2652758
Stddev	.0018125	.003992	.0016138	.002052	.0023635	.008376	.0002559
%RSD	.2322440	.2307142	.1740432	.1086085	.3031996	.3437143	.0964802
#1	.7795925	1.731928	.9257602	1.890720	.7811081	2.441009	.2654554
#2	.7791880	1.732998	.9270427	1.887113	.7768010	2.442231	.2653892
#3	.7825100	1.725611	.9289665	1.890612	.7806414	2.427151	.2649827

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1905308	.1929533	48.43389	.4061525	.2026169	.2862139	3.337223
Stddev	.0008906	.0005878	.12502	.0011666	.0001918	.0004855	.001739
%RSD	.4674189	.3046164	.2581235	.2872250	.0946568	.1696212	.0521067
#1	.1914063	.1923017	48.52603	.4073750	.2027799	.2859104	3.337161
#2	.1896259	.1931147	48.29158	.4060311	.2026653	.2859576	3.335516
#3	.1905602	.1934435	48.48407	.4050514	.2024056	.2867739	3.338992

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5838534	3.836374	.4912973	.0731554	328.2641	.2869665	.2643026
Stddev	.0011114	.019000	.0005757	.0004896	.5525	.0007487	.0015836
%RSD	.1903514	.4952481	.1171709	.6692651	.1683139	.2608895	.5991472
#1	.5850706	3.857646	.4911158	.0729843	328.8439	.2876222	.2626766
#2	.5828927	3.830386	.4908343	.0737075	327.7437	.2871265	.2658399
#3	.5835970	3.821090	.4919419	.0727742	328.2047	.2861507	.2643912

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.58817	.2619812	.4071497	.6858066	.1890663	2.653698	6.091044
Stddev	.11050	.0007644	.0010610	.0013305	.0004210	.008393	.012889
%RSD	.8132143	.2917941	.2605787	.1940048	.2226742	.3162769	.2115992
#1	13.52248	.2627694	.4074431	.6857770	.1894510	2.654400	6.076344
#2	13.71574	.2612429	.4059730	.6844913	.1891313	2.661719	6.100405
#3	13.52628	.2619313	.4080331	.6871517	.1886165	2.644977	6.096384

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: Q1514-06MS Acquired: 3/13/2025 15:23:53 Type: Unk
Method: NON EPA-6010-200.7(v2770) 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	2.649881	.1862554	.3272102
Stddev	.007413	.0011429	.0008501
%RSD	.2797403	.6136116	.2598148
#1	2.641825	.1859216	.3276948
#2	2.651404	.1853166	.3277072
#3	2.656414	.1875281	.3262285

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3260.289	71860.51	14785.24	2093.774	4312.556
Stddev	5.040	117.81	89.12	5.641	2.861
%RSD	.1545890	.1639472	.6027689	.2693967	.0663486
#1	3256.863	71756.50	14692.58	2093.506	4315.158
#2	3266.076	71836.59	14870.34	2088.272	4313.018
#3	3257.927	71988.45	14792.80	2099.544	4309.492

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: Q1514-06MSD Acquired: 3/13/2025 15:28:04 Type: Unk
Method: NON EPA-6010-200.7(v2770) 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	.7724737	1.721494	.9234760	1.866246	.7695921	2.434717	.2702220
Stddev	.0046027	.013638	.0030787	.000892	.0026200	.007103	.0013353
%RSD	.5958369	.7921987	.3333826	.0477927	.3404366	.2917508	.4941399
#1	.7719531	1.736485	.9224529	1.866388	.7667736	2.426543	.2694394
#2	.7681534	1.709822	.9269360	1.867059	.7700492	2.438220	.2694628
#3	.7773145	1.718174	.9210391	1.865292	.7719534	2.439389	.2717638

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1904116	.1924568	48.93951	.3987480	.2025084	.2847203	3.333020
Stddev	.0009668	.0001773	.10236	.0008682	.0000722	.0003508	.043262
%RSD	.5077457	.0921117	.2091624	.2177187	.0356633	.1232185	1.297990
#1	.1901130	.1924359	48.89340	.3996642	.2024746	.2846987	3.362490
#2	.1914924	.1926435	48.86832	.3986422	.2025913	.2843807	3.283353
#3	.1896292	.1922908	49.05682	.3979376	.2024592	.2850814	3.353219

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5865223	3.886410	.4922949	.0724170	326.2331	.2883838	.2640458
Stddev	.0008394	.001275	.0001348	.0005610	2.9043	.0032292	.0001058
%RSD	.1431140	.0327986	.0273737	.7746656	.8902392	1.119740	.0400777
#1	.5868199	3.887695	.4921413	.0729005	329.3540	.2913380	.2639845
#2	.5855747	3.886388	.4923500	.0718020	323.6098	.2849364	.2639849
#3	.5871724	3.885146	.4923933	.0725487	325.7354	.2888770	.2641680

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.52300	.2610451	.4053797	.6801866	.1893150	2.637958	6.075285
Stddev	.08785	.0018397	.0007732	.0009406	.0015728	.024281	.012904
%RSD	.6496396	.7047534	.1907460	.1382850	.8308013	.9204382	.2124048
#1	13.55069	.2619859	.4056883	.6801751	.1877044	2.640863	6.062147
#2	13.42465	.2622240	.4044999	.6811329	.1893936	2.612355	6.075767
#3	13.59368	.2589252	.4059511	.6792518	.1908471	2.660656	6.087942

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: Q1514-06MSD Acquired: 3/13/2025 15:28:04 Type: Unk
Method: NON EPA-6010-200.7(v2770) 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	2.634810	.1865116	.3296714
Stddev	.005716	.0009141	.0017708
%RSD	.2169436	.4900840	.5371419
#1	2.630129	.1857319	.3290423
#2	2.641180	.1862853	.3283010
#3	2.633120	.1875176	.3316708

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3276.408	72716.01	14817.03	2112.725	4329.283
Stddev	14.423	70.89	49.89	.971	13.898
%RSD	.4401988	.0974835	.3367069	.0459735	.3210254
#1	3281.988	72634.28	14831.54	2111.713	4338.691
#2	3287.206	72752.96	14761.49	2112.812	4335.839
#3	3260.028	72760.78	14858.05	2113.650	4313.320

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: Q1514-06A Acquired: 3/13/2025 15:34:12 Type: Unk
Method: NON EPA-6010-200.7(v2770) 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	.7499624	1.709394	.9078414	1.805325	.7456657	2.376367	.2705274
Stddev	.0046870	.004597	.0041664	.001817	.0021134	.010608	.0021938
%RSD	.6249718	.2689223	.4589296	.1006328	.2834305	.4464076	.8109490
#1	.7490135	1.711285	.9030333	1.805119	.7460052	2.386708	.2702888
#2	.7458224	1.712743	.9103891	1.803621	.7434031	2.365510	.2684626
#3	.7550513	1.704153	.9101017	1.807237	.7475889	2.376883	.2728307

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1876342	.1890401	49.34821	.3934792	.1992244	.2790634	3.374739
Stddev	.0017355	.0004420	.30179	.0026723	.0006010	.0003679	.008383
%RSD	.9249161	.2338033	.6115561	.6791418	.3016672	.1318151	.2483963
#1	.1882272	.1885457	49.52320	.3910733	.1987288	.2794545	3.366701
#2	.1856799	.1891778	48.99974	.3963554	.1990516	.2787244	3.383429
#3	.1889954	.1893969	49.52170	.3930088	.1998929	.2790112	3.374086

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5880190	3.893717	.4836737	.0721976	331.5176	.2828587	.2618996
Stddev	.0057273	.027728	.0005398	.0003476	4.4646	.0018905	.0022228
%RSD	.9740006	.7121317	.1115982	.4814022	1.346714	.6683547	.8487111
#1	.5907735	3.889747	.4830648	.0725728	326.3624	.2816548	.2594540
#2	.5814348	3.868188	.4838630	.0721333	334.0808	.2818837	.2624479
#3	.5918485	3.923217	.4840934	.0718867	334.1096	.2850377	.2637969

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.79556	.2556529	.3952683	.6680152	.1856055	2.714436	6.030371
Stddev	.10428	.0028033	.0011155	.0013590	.0010876	.029632	.001222
%RSD	.7558803	1.096509	.2822168	.2034447	.5859869	1.091658	.0202717
#1	13.81491	.2567429	.3940136	.6670137	.1866581	2.707893	6.031021
#2	13.88880	.2524684	.3956432	.6674697	.1844860	2.746793	6.028961
#3	13.68296	.2577475	.3961480	.6695623	.1856725	2.688623	6.031131

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: Q1514-06A Acquired: 3/13/2025 15:34:12 Type: Unk
Method: NON EPA-6010-200.7(v2770) 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	2.649599	.1838931	.3280281
Stddev	.001202	.0003052	.0017779
%RSD	.0453738	.1659846	.5419923
#1	2.648645	.1839523	.3295381
#2	2.650949	.1835626	.3260686
#3	2.649203	.1841644	.3284776

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3284.126	70909.79	14855.62	2106.864	4327.412
Stddev	2.010	313.90	106.53	10.582	5.380
%RSD	.0612054	.4426780	.7170840	.5022457	.1243196
#1	3282.528	71103.43	14805.92	2117.182	4333.600
#2	3286.383	70547.62	14977.91	2096.037	4323.849
#3	3283.467	71078.32	14783.02	2107.371	4324.785

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: CCV04 Acquired: 3/13/2025 15:38:23 Type: Unk
Method: NON EPA-6010-200.7(v2770) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV04 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.953134	4.900976	5.049714	4.834008	4.843170	9.835349	9.580135
Stddev	.009248	.030669	.011885	.018443	.012416	.007161	.047919
%RSD	.1867104	.6257732	.2353649	.3815290	.2563658	.0728132	.5001878
#1	4.942839	4.904941	5.041855	4.817592	4.828961	9.843199	9.620030
#2	4.955823	4.929469	5.043901	4.853965	4.848621	9.833673	9.593392
#3	4.960740	4.868517	5.063387	4.830465	4.851929	9.829173	9.526984

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2605563	2.505113	24.85450	1.029689	2.478255	1.237044	4.775820
Stddev	.0013768	.003743	.05217	.003007	.003065	.001692	.035807
%RSD	.5284118	.1494033	.2099170	.2920414	.1236693	.1367527	.7497642
#1	.2589683	2.501646	24.87338	1.030604	2.474756	1.235101	4.788555
#2	.2612855	2.504611	24.89461	1.032133	2.479543	1.237837	4.803520
#3	.2614153	2.509081	24.79552	1.026331	2.480466	1.238193	4.735386

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.442503	25.28890	2.484190	1.238841	22.89023	2.473015	2.463581
Stddev	.004715	.03623	.002800	.003177	.27213	.006588	.017794
%RSD	.1930509	.1432686	.1127298	.2564429	1.188855	.2663766	.7222744
#1	2.447827	25.31105	2.481251	1.241669	23.16549	2.478068	2.463533
#2	2.440829	25.30856	2.486828	1.239451	22.88387	2.475412	2.481398
#3	2.438854	25.24709	2.484490	1.235404	22.62134	2.465564	2.445811

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.19952	5.088390	4.940829	5.021722	4.834026	4.895015	5.094659
Stddev	.18442	.027931	.009455	.008473	.016304	.033994	.001981
%RSD	.7949288	.5489106	.1913682	.1687246	.3372669	.6944655	.0388897
#1	23.36786	5.058213	4.930545	5.014711	4.837422	4.907655	5.094222
#2	23.22829	5.093621	4.949146	5.019317	4.848365	4.920879	5.092933
#3	23.00240	5.113335	4.942797	5.031137	4.816293	4.856512	5.096822

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: CCV04 Acquired: 3/13/2025 15:38:23 Type: Unk
Method: NON EPA-6010-200.7(v2770) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV04 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.817787	4.708914	4.822578
Stddev	.005179	.017357	.054153
%RSD	.1074993	.3686025	1.122903
#1	4.814526	4.717607	4.764268
#2	4.823759	4.720207	4.871290
#3	4.815077	4.688928	4.832176

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3319.370	72481.55	13945.02	2123.897	4436.674
Stddev	2.676	300.95	69.02	17.007	1.709
%RSD	.0806109	.4152059	.4949661	.8007429	.0385142
#1	3322.417	72358.48	14022.92	2118.174	4437.860
#2	3318.288	72261.63	13891.47	2110.491	4437.447
#3	3317.405	72824.52	13920.67	2143.028	4434.716

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: CCB04 Acquired: 3/13/2025 15:42:34 Type: Unk
Method: NON EPA-6010-200.7(v2770) 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	-.001355	.0012275	.0007031	.0021333	.0015807	-.003407	.0032630
Stddev	.004051	.0022518	.0003529	.0016399	.0012109	.003704	.0014101
%RSD	298.9790	183.4469	50.19594	76.87167	76.60629	108.7017	43.21553
#1	-.002145	.0027254	.0004641	.0009513	.0008751	-.002198	.0016449
#2	.003033	.0023192	.0005367	.0014431	.0008881	-.000459	.0039152
#3	-.004953	-.001362	.0011085	.0040055	.0029789	-.007564	.0042291

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000018	-.000012	.0027084	-.000326	-.000031	.0000729	.0013070
Stddev	.000059	.000095	.0083562	.000425	.000116	.0002046	.0036439
%RSD	328.6865	767.5260	308.5269	130.3947	376.7975	280.5047	278.7879
#1	-.000061	-.000085	.0087930	-.000283	-.000137	.0002572	.0055125
#2	.000050	-.000047	-.006819	-.000771	.000092	.0001087	-.000912
#3	-.000043	.000095	.006151	.000076	-.000047	-.000147	-.000679

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000717	-.001034	-.000137	.0003440	.1421872	.0004991	-.000424
Stddev	.000141	.021073	.000167	.0002373	.0225467	.0016180	.000075
%RSD	19.59291	2038.552	122.0264	68.97876	15.85703	324.1999	17.61016
#1	-.000663	-.023899	-.000310	.0002590	.1520820	-.000285	-.000497
#2	-.000877	.003189	-.000122	.0001609	.1163850	.002360	-.000429
#3	-.000612	.017609	.000022	.0006121	.1580945	-.000577	-.000348

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2509570	.0011407	.0002206	-.000735	.0016583	.0054170	-.004384
Stddev	.0424274	.0004856	.0001298	.000377	.0006996	.0027204	.002108
%RSD	16.90623	42.57522	58.85168	51.29503	42.18979	50.22011	48.08309
#1	.2048649	.0016625	.0001069	-.000773	.0009126	.0031233	-.005169
#2	.2883808	.0007020	.0003621	-.000341	.0017621	.0084226	-.001996
#3	.2596251	.0010574	.0001928	-.001092	.0023002	.0047051	-.005987

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: CCB04 Acquired: 3/13/2025 15:42:34 Type: Unk
Method: NON EPA-6010-200.7(v2770) 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	.0020855	.0056720	.0000080
Stddev	.0013502	.0007023	.0000500
%RSD	64.74149	12.38166	623.0690
#1	.0008669	.0049953	-.000049
#2	.0018526	.0063974	.000028
#3	.0035369	.0056235	.000045

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3437.065	74491.32	14388.80	2196.861	4973.012
Stddev	9.298	241.90	98.51	4.022	7.011
%RSD	.2705265	.3247343	.6846281	.1830936	.1409787
#1	3447.792	74226.65	14406.59	2192.401	4980.657
#2	3432.092	74546.35	14477.20	2200.215	4966.884
#3	3431.311	74700.96	14282.61	2197.968	4971.493

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: Q1514-08 Acquired: 3/13/2025 15:46:53 Type: Unk
Method: NON EPA-6010-200.7(v2770) 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	.0298909	-.020228	.2697779	-.038248	-.003011	89.46560
Stddev	.0023721	.002777	.0012868	.003540	.002265	.06075
%RSD	7.935869	13.73054	.4769762	9.255210	75.20902	.0679031
#1	.0324097	-.017956	.2683339	-.037505	-.003312	89.41118
#2	.0295635	-.019404	.2708031	-.035139	-.005110	89.53114
#3	.0276996	-.023324	.2701967	-.042101	-.000611	89.45448

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5776208	.0067597	.0032081	553.1516	.3160188	.1499773
Stddev	.0011376	.0000393	.0001133	2.6141	.0013620	.0002836
%RSD	.1969496	.5810533	3.530661	.4725886	.4309828	.1891068
#1	.5778262	.0067510	.0031650	550.3796	.3161760	.1501878
#2	.5763944	.0068027	.0031227	553.5027	.3172953	.1496548
#3	.5786416	.0067256	.0033365	555.5724	.3145850	.1500894

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4393173	178.4306	5.850603	80.97139	.2503685	-.001899
Stddev	.0008693	.6479	.011148	.63271	.0012545	.000278
%RSD	.1978746	.3631061	.1905461	.7814000	.5010707	14.62910
#1	.4389847	179.1301	5.837752	80.24481	.2502462	-.002103
#2	.4386635	178.3105	5.857683	81.26846	.2491796	-.001583
#3	.4403039	177.8511	5.856374	81.40089	.2516797	-.002010

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	805.1249	.2432429	.5181336	72.35626	-.135766	.0708977
Stddev	10.8512	.0009131	.0015158	.57143	.004230	.0006541
%RSD	1.347760	.3753861	.2925566	.7897481	3.115449	.9226284
#1	792.6452	.2421977	.5198551	72.96965	-.131240	.0706824
#2	810.3948	.2436450	.5169990	72.26019	-.136438	.0703783
#3	812.3347	.2438859	.5175467	71.83896	-.139619	.0716323

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: Q1514-08 Acquired: 3/13/2025 15:46:53 Type: Unk
Method: NON EPA-6010-200.7(v2770) 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	-.000377	7.984031	F 79.88794	4.457025	F 267.2164	.0956745
Stddev	.000782	.009226	.24552	.016528	.8002	.0010523
%RSD	207.2296	.1155592	.3073325	.3708198	.2994451	1.099841
#1	-.001014	7.973468	80.13918	4.451523	267.8537	.0968876
#2	.000496	7.988110	79.87607	4.443950	266.3184	.0951286
#3	-.000614	7.990515	79.64857	4.475601	267.4770	.0950074

Elem	Sr4077
Units	ppm
Avg	2.238609
Stddev	.012761
%RSD	.5700403
#1	2.226496
#2	2.237397
#3	2.251932

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3440.486	76401.41	16320.48	2214.251	3508.898
Stddev	3.105	124.17	99.61	5.781	4.123
%RSD	.0902349	.1625175	.6103105	.2610625	.1174985
#1	3440.593	76349.22	16433.72	2207.580	3510.600
#2	3443.536	76311.85	16281.30	2217.785	3511.897
#3	3437.330	76543.15	16246.42	2217.387	3504.196

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: Q1514-09 Acquired: 3/13/2025 15:51:23 Type: Unk
Method: NON EPA-6010-200.7(v2770) 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	-.003184	-.002713	.0014289	.0019771	.0021856	.0098577	.0013232
Stddev	.001843	.001001	.0009563	.0010928	.0012053	.0025777	.0010122
%RSD	57.89168	36.90088	66.92296	55.27530	55.14599	26.14869	76.49287
#1	-.004465	-.003751	.0006975	.0028958	.0013298	.0101965	.0024291
#2	-.004015	-.002635	.0025110	.0007686	.0035640	.0122492	.0004427
#3	-.001071	-.001753	.0010782	.0022668	.0016630	.0071274	.0010979

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000178	-.000086	.1154372	.0002640	-.000286	.0002708	.0467276
Stddev	.000031	.000023	.0072757	.0004818	.000107	.0002235	.0017964
%RSD	17.14834	26.57647	6.302711	182.5310	37.23821	82.53874	3.844502
#1	-.000167	-.000090	.1108948	.0001316	-.000195	.0000761	.0483996
#2	-.000155	-.000062	.1238289	-.000138	-.000259	.0005149	.0448283
#3	-.000213	-.000107	.1115880	.000798	-.000403	.0002214	.0469549

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0030684	.0053782	.0001827	.0000782	.3511492	-.000329	.0096047
Stddev	.0003982	.0188098	.0004483	.0000856	.0100021	.001302	.0000880
%RSD	12.97613	349.7430	245.3819	109.3460	2.848392	396.4565	.9160392
#1	.0026726	-.009125	.0003832	-.000020	.3411893	-.001217	.0095132
#2	.0034689	-.001373	.0004958	.000131	.3611929	.001167	.0096886
#3	.0030637	.026632	-.000331	.000124	.3510653	-.000935	.0096122

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000972	-.003720	.0009893	-.001346	.0015653	.0773578	.0023141
Stddev	.008813	.000980	.0001908	.000196	.0002632	.0093994	.0027849
%RSD	906.2976	26.33277	19.29059	14.56819	16.81855	12.15051	120.3466
#1	.009204	-.004394	.0011705	-.001249	.0017760	.0851335	.0048703
#2	-.006033	-.002596	.0010073	-.001217	.0012702	.0800275	-.000654
#3	-.006088	-.004170	.0007901	-.001572	.0016496	.0669123	.002726

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: Q1514-09 Acquired: 3/13/2025 15:51:23 Type: Unk
Method: NON EPA-6010-200.7(v2770) 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	.0342528	-.001733	.0002198
Stddev	.0028623	.001617	.0000672
%RSD	8.356258	93.30647	30.59150
#1	.0375526	-.003064	.0002975
#2	.0327645	.000066	.0001808
#3	.0324413	-.002200	.0001812

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3527.736	78665.98	14684.26	2286.032	5146.973
Stddev	10.168	141.63	13.16	2.894	15.849
%RSD	.2882272	.1800424	.0896097	.1265969	.3079271
#1	3536.947	78538.48	14672.76	2282.795	5159.738
#2	3529.435	78818.43	14681.42	2288.370	5151.949
#3	3516.825	78641.02	14698.61	2286.930	5129.234

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: Q1514-01 Acquired: 3/13/2025 15:55:42 Type: Unk
Method: NON EPA-6010-200.7(v2770) 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	.0871207	-.005467	23.18623	-.060182	-.002484	123.5938
Stddev	.0045947	.003959	.06284	.001985	.001470	.8630
%RSD	5.273964	72.42764	.2710147	3.298321	59.20093	.6982754
#1	.0920172	-.008524	23.16857	-.058743	-.003720	122.7979
#2	.0864415	-.000994	23.13411	-.059356	-.002874	123.4725
#3	.0829034	-.006882	23.25601	-.062446	-.000858	124.5111

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.208045	.0099988	.0009029	358.6861	.4275815	.1924679
Stddev	.017001	.0001030	.0002183	3.7065	.0008877	.0009714
%RSD	.7699379	1.029912	24.18086	1.033357	.2075995	.5047217
#1	2.190181	.0098859	.0006523	354.4064	.4265868	.1917864
#2	2.209928	.0100226	.0010045	360.7877	.4282930	.1920370
#3	2.224025	.0100877	.0010520	360.8642	.4278648	.1935802

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.414645	372.3224	5.000391	72.16003	.4548137	-.001188
Stddev	.003843	2.0452	.042594	.53553	.0013346	.000583
%RSD	.2716306	.5493024	.8518160	.7421430	.2934278	49.04365
#1	1.417279	374.3897	4.953989	71.67975	.4550472	-.001124
#2	1.410236	370.3001	5.009470	72.06284	.4533779	-.001801
#3	1.416420	372.2774	5.037714	72.73750	.4560161	-.000641

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.415483	.5315693	3.078248	26.92045	-.103160	.0112221
Stddev	.008404	.0035877	.006968	.16928	.020239	.0004650
%RSD	.1309928	.6749247	.2263487	.6288200	19.61919	4.143892
#1	6.419862	.5274758	3.073088	27.11380	-.080276	.0114272
#2	6.420794	.5330649	3.075483	26.79892	-.118709	.0115494
#3	6.405795	.5341673	3.086174	26.84864	-.110495	.0106898

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: Q1514-01 Acquired: 3/13/2025 15:55:42 Type: Unk
Method: NON EPA-6010-200.7(v2770) 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	.5899327	9.023982	8.506568	F 10.58503	F 23.22771	.2956579
Stddev	.0017763	.072181	.060714	.04987	.07095	.0011157
%RSD	.3010988	.7998832	.7137267	.4711637	.3054584	.3773560
#1	.5885253	8.954675	8.567133	10.56405	23.20940	.2951274
#2	.5893443	9.018541	8.445707	10.54909	23.16770	.2949065
#3	.5919286	9.098729	8.506863	10.64197	23.30601	.2969399

Elem	Sr4077
Units	ppm
Avg	.8930109
Stddev	.0059547
%RSD	.6668135
#1	.8869061
#2	.8933235
#3	.8988032

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3575.614	78638.36	16443.87	2313.791	3920.439
Stddev	8.707	256.35	155.43	11.692	6.150
%RSD	.2434968	.3259876	.9452131	.5053155	.1568656
#1	3569.192	78344.24	16619.91	2303.250	3918.789
#2	3585.524	78814.38	16386.09	2326.367	3927.246
#3	3572.127	78756.45	16325.60	2311.757	3915.283

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: Q1514-03 Acquired: 3/13/2025 15:59:54 Type: Unk
Method: NON EPA-6010-200.7(v2770) 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	.0391543	.0053854	.3593858	-.029138	-.000975	61.22313
Stddev	.0059857	.0014364	.0014841	.002340	.002075	.08229
%RSD	15.28756	26.67264	.4129568	8.029839	212.7173	.1344046
#1	.0362396	.0067847	.3583622	-.031502	-.002041	61.24313
#2	.0460391	.0039145	.3587074	-.026823	-.002301	61.13268
#3	.0351841	.0054570	.3610879	-.029088	.001416	61.29357

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3513439	.0071857	-.004562	17.08973	.1202755	.1007960
Stddev	.0019515	.0000525	.000254	.05923	.0009228	.0007926
%RSD	.5554354	.7312165	5.569917	.3465924	.7672520	.7863131
#1	.3505937	.0071261	-.004854	17.12127	.1204901	.1003319
#2	.3498788	.0072058	-.004441	17.02140	.1192643	.1003450
#3	.3535591	.0072252	-.004391	17.12651	.1210721	.1017112

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2423933	204.9785	1.059864	20.46842	.1789276	-.000597
Stddev	.0019772	1.1204	.004136	.05167	.0005934	.000130
%RSD	.8156856	.5466082	.3902408	.2524280	.3316620	21.70344
#1	.2406851	204.7676	1.061972	20.46332	.1788084	-.000559
#2	.2419357	203.9786	1.055098	20.41950	.1784029	-.000491
#3	.2445592	206.1894	1.062521	20.52246	.1795717	-.000742

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9641644	.2153836	.7584826	5.896874	-.320959	.0062851
Stddev	.0113343	.0011653	.0064006	.050076	.005065	.0000585
%RSD	1.175561	.5410279	.8438703	.8491888	1.578175	.9310184
#1	.9552753	.2140393	.7548454	5.845479	-.322491	.0062241
#2	.9602900	.2160049	.7547294	5.899627	-.315305	.0062905
#3	.9769279	.2161066	.7658731	5.945516	-.325082	.0063408

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: Q1514-03 Acquired: 3/13/2025 15:59:54 Type: Unk
Method: NON EPA-6010-200.7(v2770) 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	.0143507	2.655818	7.824181	5.758984	F 31.05426	.1876076
Stddev	.0012651	.008918	.012258	.035959	.22247	.0007490
%RSD	8.815803	.3357945	.1566702	.6243957	.7163814	.3992404
#1	.0141597	2.654828	7.819531	5.734672	30.87143	.1879770
#2	.0157005	2.647435	7.814929	5.741989	30.98940	.1867457
#3	.0131920	2.665189	7.838084	5.800290	31.30194	.1881002

Elem	Sr4077
Units	ppm
Avg	.1115827
Stddev	.0004672
%RSD	.4187153
#1	.1114456
#2	.1111994
#3	.1121032

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3893.580	84713.78	16737.34	2494.005	4544.070
Stddev	21.552	270.54	53.32	17.608	21.014
%RSD	.5535172	.3193622	.3185709	.7060275	.4624393
#1	3907.279	84703.17	16712.49	2497.379	4558.955
#2	3904.724	84989.47	16798.55	2509.682	4553.223
#3	3868.738	84448.70	16700.98	2474.953	4520.033

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: Q1514-05 Acquired: 3/13/2025 16:03:57 Type: Unk
Method: NON EPA-6010-200.7(v2770) 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	.0489500	-.037252	.3476853	-.050068	-.011717	126.7863
Stddev	.0016375	.004002	.0016286	.001458	.000437	.3073
%RSD	3.345205	10.74323	.4684208	2.911487	3.725822	.2424016
#1	.0506848	-.040916	.3459345	-.050949	-.012146	126.5164
#2	.0474313	-.032982	.3491552	-.048386	-.011730	126.7217
#3	.0487338	-.037859	.3479664	-.050870	-.011274	127.1208

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6460608	.0101261	.0144804	131.9033	.5792010	.2226921
Stddev	.0008907	.0002004	.0007311	.2169	.0020544	.0013444
%RSD	.1378666	1.979214	5.048802	.1644256	.3546954	.6036836
#1	.6464800	.0101951	.0141286	131.9835	.5789752	.2213021
#2	.6466646	.0099003	.0139918	131.6578	.5813590	.2227884
#3	.6450379	.0102830	.0153209	132.0687	.5772689	.2239856

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7632026	293.3684	2.858104	94.94989	.3894334	-.005047
Stddev	.0023512	1.4437	.004286	.38366	.0013867	.000292
%RSD	.3080674	.4921093	.1499548	.4040670	.3560902	5.787344
#1	.7615192	293.5977	2.855332	94.89657	.3893056	-.004725
#2	.7621997	294.6837	2.863041	94.59568	.3881151	-.005122
#3	.7658889	291.8238	2.855940	95.35743	.3908797	-.005294

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.926508	.3924544	.6317177	36.91144	-.507695	.0430183
Stddev	.048633	.0025149	.0026922	.28769	.007135	.0001335
%RSD	1.238594	.6408056	.4261656	.7794169	1.405331	.3102577
#1	3.940802	.3930853	.6287315	36.91401	-.510747	.0429063
#2	3.966393	.3896842	.6339590	37.19785	-.499542	.0429826
#3	3.872330	.3945938	.6324624	36.62248	-.512796	.0431659

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: Q1514-05 Acquired: 3/13/2025 16:03:57 Type: Unk
Method: NON EPA-6010-200.7(v2770) 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	.0062598	F 12.80620	9.933228	F 12.45244	F 19.11150	.2549414
Stddev	.0008536	.01048	.022092	.06878	.11545	.0008450
%RSD	13.63531	.0818341	.2224095	.5523099	.6040925	.3314337
#1	.0071960	12.79585	9.917959	12.45820	19.12086	.2540457
#2	.0055248	12.80594	9.958560	12.38097	18.99165	.2557244
#3	.0060586	12.81681	9.923164	12.51816	19.22198	.2550541

Elem	Sr4077
Units	ppm
Avg	.2675729
Stddev	.0005621
%RSD	.2100656
#1	.2674106
#2	.2681983
#3	.2671098

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4464.365	100558.1	20172.09	2877.370	4051.430
Stddev	5.100	259.3	62.95	24.268	10.529
%RSD	.1142491	.2578828	.3120436	.8433933	.2598787
#1	4469.491	100571.7	20170.44	2902.995	4059.958
#2	4464.313	100292.2	20235.84	2854.738	4054.669
#3	4459.290	100810.4	20109.98	2874.377	4039.662

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: Q1525-01 Acquired: 3/13/2025 16:08:01 Type: Unk
Method: NON EPA-6010-200.7(v2770) 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	.0801272	.0171867	.0684569	-.032070	-.002476	44.77009
Stddev	.0009258	.0009410	.0013120	.000687	.001894	.13364
%RSD	1.155460	5.475253	1.916476	2.141216	76.49803	.2985076
#1	.0811648	.0181833	.0671820	-.031332	-.000326	44.62507
#2	.0798315	.0163134	.0683856	-.032689	-.003205	44.79690
#3	.0793854	.0170635	.0698030	-.032191	-.003898	44.88829

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4508892	.0005516	-.004504	164.5027	.1302505	.0382186
Stddev	.0001511	.0000504	.000410	.4292	.0008850	.0000624
%RSD	.0334999	9.133256	9.106196	.2608886	.6794990	.1633666
#1	.4510035	.0006019	-.004441	164.3938	.1292408	.0381764
#2	.4509461	.0005012	-.004129	164.1386	.1306187	.0382903
#3	.4507180	.0005517	-.004942	164.9759	.1308920	.0381891

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1314286	196.3914	F 45.64130	68.90890	.0677182	.0010929
Stddev	.0009196	1.6723	.13398	.21513	.0001762	.0002274
%RSD	.6996855	.8515250	.2935561	.3122019	.2601632	20.80963
#1	.1303974	195.9124	45.70729	68.95080	.0677855	.0008982
#2	.1317248	195.0109	45.48712	68.67590	.0675183	.0013428
#3	.1321635	198.2510	45.72949	69.10001	.0678508	.0010377

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 1985.507	.0945519	.3747035	16.61106	-.143881	.0043587
Stddev	12.397	.0009619	.0037361	.20258	.003506	.0004180
%RSD	.6243896	1.017309	.9970876	1.219525	2.436466	9.589962
#1	1972.660	.0944109	.3738124	16.47384	-.141909	.0047578
#2	1986.460	.0955765	.3714935	16.51561	-.147928	.0039241
#3	1997.400	.0936683	.3788046	16.84373	-.141805	.0043943

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: Q1525-01 Acquired: 3/13/2025 16:08:01 Type: Unk
Method: NON EPA-6010-200.7(v2770) 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	.0005255	.8999175	F 66.16455	2.190650	5.577888	.1237565
Stddev	.0020138	.0010908	.53010	.002574	.011923	.0008950
%RSD	383.2416	.1212142	.8011814	.1175062	.2137491	.7232172
#1	.0022081	.8986580	66.01578	2.189274	5.574743	.1227792
#2	-.001706	.9005562	65.72473	2.189056	5.591068	.1239539
#3	.001074	.9005383	66.75313	2.193620	5.567853	.1245363

Elem	Sr4077
Units	ppm
Avg	.7385761
Stddev	.0021266
%RSD	.2879298
#1	.7364540
#2	.7385671
#3	.7407071

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2902.514	63429.95	14592.03	1861.546	3393.609
Stddev	3.539	290.08	24.97	5.243	2.523
%RSD	.1219176	.4573224	.1711153	.2816584	.0743424
#1	2903.260	63595.84	14613.05	1865.985	3391.058
#2	2898.662	63599.00	14564.43	1862.892	3396.103
#3	2905.621	63094.99	14598.60	1855.761	3393.666

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: Q1552-01 Acquired: 3/13/2025 16:12:26 Type: Unk
Method: NON EPA-6010-200.7(v2770) 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	.0809046	.0073349	1.308047	-.031613	.0001303	110.9329
Stddev	.0010867	.0012905	.004777	.003521	.0011480	.6071
%RSD	1.343173	17.59328	.3651749	11.13637	880.7404	.5472610
#1	.0818126	.0076954	1.302983	-.031343	-.000635	110.2565
#2	.0812005	.0084067	1.308688	-.035261	.001450	111.1114
#3	.0797006	.0059025	1.312471	-.028235	-.000425	111.4307

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8722620	.0123409	-.002487	13.00095	.1917018	.0676780
Stddev	.0028472	.0000282	.000457	.06674	.0002520	.0009225
%RSD	.3264111	.2281961	18.38230	.5133622	.1314768	1.363114
#1	.8691358	.0123110	-.002863	12.92539	.1919776	.0666763
#2	.8729437	.0123450	-.002620	13.05186	.1916442	.0678649
#3	.8747063	.0123669	-.001978	13.02560	.1914835	.0684927

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4271752	221.9096	.8787837	10.12546	.1107781	-.002309
Stddev	.0031462	.4913	.0039179	.06419	.0006256	.000515
%RSD	.7365076	.2213876	.4458363	.6339846	.5646878	22.32472
#1	.4240029	221.9413	.8747473	10.05140	.1100948	-.002878
#2	.4272280	222.3843	.8790323	10.16521	.1109170	-.001875
#3	.4302946	221.4033	.8825714	10.15977	.1113226	-.002173

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.890263	.2937272	2.052961	4.752366	-.361858	.0041064
Stddev	.021509	.0010978	.008974	.027575	.004738	.0005230
%RSD	1.137904	.3737405	.4371365	.5802320	1.309378	12.73509
#1	1.910977	.2924602	2.061005	4.781298	-.356438	.0042361
#2	1.868038	.2943269	2.054598	4.726386	-.363919	.0045522
#3	1.891774	.2943945	2.043281	4.749415	-.365217	.0035308

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: Q1552-01 Acquired: 3/13/2025 16:12:26 Type: Unk
Method: NON EPA-6010-200.7(v2770) 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	.0294382	2.460815	4.329718	3.959374	F 51.75174	.1612114
Stddev	.0011683	.003572	.048952	.022002	.22538	.0008377
%RSD	3.968635	.1451525	1.130603	.5556912	.4355042	.5196055
#1	.0303282	2.456751	4.370620	3.937630	51.51564	.1611153
#2	.0281152	2.462238	4.275480	3.958866	51.77500	.1620929
#3	.0298710	2.463457	4.343052	3.981625	51.96460	.1604259

Elem	Sr4077
Units	ppm
Avg	.1062601
Stddev	.0005458
%RSD	.5135986
#1	.1056314
#2	.1065376
#3	.1066114

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3621.209	78806.01	15348.68	2346.913	4530.694
Stddev	19.534	163.26	60.26	8.473	26.730
%RSD	.5394374	.2071645	.3926302	.3610405	.5899709
#1	3642.300	78698.13	15418.09	2337.394	4560.033
#2	3617.590	78726.06	15318.20	2349.713	4524.324
#3	3603.737	78993.83	15309.74	2353.633	4507.725

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: Q1553-01 Acquired: 3/13/2025 16:16:30 Type: Unk
Method: NON EPA-6010-200.7(v2770) 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	.0786960	-.000142	1.053602	-.027035	-.002037	93.00965	.6691490
Stddev	.0012193	.001529	.007137	.001563	.001176	.27445	.0022107
%RSD	1.549320	1076.143	.6773605	5.781105	57.76095	.2950738	.3303673
#1	.0781367	.001445	1.048837	-.027401	-.002079	92.69792	.6673892
#2	.0800946	-.001605	1.061807	-.028383	-.003191	93.21492	.6716302
#3	.0778568	-.000265	1.050160	-.025322	-.000840	93.11611	.6684276

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0080836	-.001879	27.43092	.2628337	.1037721	.4492896	199.5639
Stddev	.0002120	.000329	.10190	.0015549	.0005961	.0028680	.4878
%RSD	2.622259	17.52722	.3714801	.5915972	.5744171	.6383393	.2444343
#1	.0079521	-.001785	27.36916	.2614483	.1037297	.4479420	199.1847
#2	.0083282	-.001606	27.54853	.2625372	.1043883	.4525832	199.3928
#3	.0079706	-.002244	27.37506	.2645155	.1031984	.4473437	200.1142

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.052964	30.69542	.2043849	-.001406	4.744668	.4032470	1.483753
Stddev	.017399	.14209	.0007665	.000305	.013526	.0021579	.001969
%RSD	.3443239	.4628871	.3750065	21.66135	.2850878	.5351299	.1326891
#1	5.038946	30.54823	.2040092	-.001662	4.750607	.4016107	1.483091
#2	5.072437	30.83177	.2052668	-.001069	4.729188	.4056925	1.482200
#3	5.047509	30.70625	.2038788	-.001487	4.754208	.4024378	1.485967

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.036681	-.296373	.0057563	.0261749	3.719837	4.226966	6.965037
Stddev	.007947	.003437	.0003489	.0006902	.016833	.051953	.036721
%RSD	.1129433	1.159653	6.060600	2.636782	.4525254	1.229096	.5272226
#1	7.045077	-.293037	.0060724	.0264347	3.718589	4.178632	6.952737
#2	7.029275	-.296181	.0058144	.0266974	3.737259	4.220358	7.006330
#3	7.035691	-.299902	.0053820	.0253925	3.703662	4.281907	6.936045

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: Q1553-01 Acquired: 3/13/2025 16:16:30 Type: Unk
Method: NON EPA-6010-200.7(v2770) 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	3.847599	.1534642	.1024864
Stddev	.024116	.0007312	.0003076
%RSD	.6267900	.4764764	.3001665
#1	3.836556	.1530047	.1021374
#2	3.875260	.1543074	.1027183
#3	3.830982	.1530805	.1026034

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3766.451	82496.87	16240.33	2423.364	4573.800
Stddev	24.844	129.27	77.92	.964	30.209
%RSD	.6596035	.1567000	.4798012	.0397775	.6604684
#1	3778.606	82596.07	16307.12	2424.476	4588.854
#2	3737.870	82543.87	16154.72	2422.855	4539.022
#3	3782.876	82350.67	16259.15	2422.762	4593.523

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: Q1556-01 Acquired: 3/13/2025 16:20:35 Type: Unk
Method: NON EPA-6010-200.7(v2770) 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	.0339865	.0021290	.3909944	-.033325	-.004043	98.02091	.6043365
Stddev	.0030003	.0035038	.0006866	.001296	.001886	.24847	.0037406
%RSD	8.827803	164.5779	.1756044	3.890254	46.64733	.2534819	.6189583
#1	.0344399	.0061748	.3915037	-.034442	-.006069	97.77527	.6001048
#2	.0367343	.0000883	.3912659	-.033629	-.003723	98.27210	.6072018
#3	.0307854	.0001238	.3902136	-.031904	-.002338	98.01536	.6057028

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0072930	-.003558	54.95876	.1557485	.0964963	.5702442	204.7974
Stddev	.0000296	.000198	.20700	.0011085	.0001526	.0001602	1.1502
%RSD	.4061189	5.556019	.3766410	.7117116	.1581268	.0280928	.5616498
#1	.0072676	-.003618	54.72542	.1551947	.0963282	.5702405	204.2811
#2	.0073255	-.003337	55.03057	.1550261	.0966261	.5700859	203.9958
#3	.0072860	-.003718	55.12028	.1570247	.0965345	.5704062	206.1153

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.575067	42.35114	.1704996	-.002000	10.56011	.3207143	.4684422
Stddev	.023266	.11693	.0002851	.000258	.07272	.0006210	.0004396
%RSD	.4173156	.2761009	.1671864	12.90901	.6886662	.1936323	.0938458
#1	5.549115	42.23814	.1708277	-.002079	10.47992	.3200325	.4683939
#2	5.594055	42.34365	.1703126	-.001711	10.57861	.3208627	.4680287
#3	5.582033	42.47164	.1703586	-.002209	10.62180	.3212477	.4689040

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.528750	-.239485	.0030371	.0253643	3.287626	3.920813	5.634008
Stddev	.050687	.005226	.0001683	.0008995	.018419	.049244	.012030
%RSD	.5319373	2.182016	5.540500	3.546330	.5602625	1.255959	.2135186
#1	9.471034	-.237010	.0032089	.0244157	3.267664	3.912907	5.625727
#2	9.549196	-.245488	.0028726	.0254725	3.303965	3.876001	5.628491
#3	9.566022	-.235957	.0030297	.0262049	3.291248	3.973532	5.647807

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: Q1556-01 Acquired: 3/13/2025 16:20:35 Type: Unk
Method: NON EPA-6010-200.7(v2770) 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	3.482828	.1823191	.1987714
Stddev	.004897	.0007377	.0008466
%RSD	.1406051	.4046228	.4259287
#1	3.480357	.1822166	.1978968
#2	3.479659	.1816379	.1995869
#3	3.488468	.1831027	.1988305

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3749.094	82322.26	16550.34	2401.941	4411.084
Stddev	3.894	301.29	56.27	7.949	7.779
%RSD	.1038555	.3659926	.3399892	.3309238	.1763558
#1	3753.558	82460.35	16603.53	2407.170	4419.843
#2	3746.402	82529.76	16491.43	2405.860	4404.978
#3	3747.321	81976.67	16556.06	2392.794	4408.433

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: Q1556-01DUP Acquired: 3/13/2025 16:24:39 Type: Unk
Method: NON EPA-6010-200.7(v2770) 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	.0366320	.0023962	.3988622	-.029783	-.006422	99.67545	.6048908
Stddev	.0007764	.0012333	.0114460	.003326	.001612	.15506	.0008952
%RSD	2.119437	51.46896	2.869655	11.16789	25.10210	.1555614	.1479899
#1	.0364061	.0035263	.3870460	-.026487	-.007297	99.58383	.6039112
#2	.0374963	.0025816	.3996425	-.029722	-.004562	99.85448	.6050950
#3	.0359937	.0010807	.4098980	-.033139	-.007408	99.58804	.6056662

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0074571	-.003424	55.23515	.1617744	.0968868	.5712019	205.9855
Stddev	.0000718	.001046	.09509	.0010806	.0031960	.0163971	1.0406
%RSD	.9635729	30.53905	.1721564	.6679472	3.298732	2.870628	.5051772
#1	.0074203	-.004604	55.14603	.1612380	.0936398	.5533127	205.8338
#2	.0074111	-.003060	55.22417	.1610669	.0969913	.5747758	205.0292
#3	.0075399	-.002609	55.33526	.1630182	.1000293	.5855173	207.0937

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.623499	42.68965	.1709418	-.002495	10.55212	.3237391	.4691116
Stddev	.015365	.06285	.0047427	.000188	.05163	.0004784	.0027126
%RSD	.2732261	.1472297	2.774457	7.535386	.4892581	.1477706	.5782510
#1	5.614541	42.62228	.1659107	-.002702	10.53667	.3236260	.4694466
#2	5.614715	42.69997	.1715840	-.002447	10.50999	.3233274	.4662471
#3	5.641241	42.74671	.1753307	-.002335	10.60971	.3242639	.4716413

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.513473	-.270918	.0033447	.0265877	3.291201	3.175496	5.617412
Stddev	.026756	.002662	.0000611	.0014580	.005760	.015918	.180946
%RSD	.2812393	.9826179	1.825616	5.483668	.1750264	.5012847	3.221156
#1	9.494422	-.268117	.0033716	.0272131	3.290551	3.191571	5.424615
#2	9.501935	-.273415	.0033878	.0249213	3.285793	3.175179	5.644073
#3	9.544061	-.271222	.0032748	.0276286	3.297259	3.159739	5.783548

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: Q1556-01DUP Acquired: 3/13/2025 16:24:39 Type: Unk
Method: NON EPA-6010-200.7(v2770) 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	3.479496	.1833170	.1992327
Stddev	.129306	.0010650	.0002160
%RSD	3.716218	.5809318	.1084086
#1	3.342435	.1824447	.1992319
#2	3.496736	.1830026	.1994491
#3	3.599316	.1845038	.1990171

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3732.730	80731.86	16181.27	2341.745	4385.003
Stddev	80.765	172.83	49.69	3.728	115.008
%RSD	2.163698	.2140847	.3070604	.1591962	2.622752
#1	3820.359	80885.94	16226.20	2345.209	4510.173
#2	3716.553	80764.66	16127.91	2337.799	4360.840
#3	3661.278	80544.97	16189.70	2342.226	4283.997

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: CCV05 Acquired: 3/13/2025 16:28:43 Type: Unk
Method: NON EPA-6010-200.7(v2770) 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	**5.247392**	**5.194312**	**5.301775**	**5.151920**	**5.125844**	**10.13496**
Stddev	.015993	.008053	.016936	.020528	.020163	.04809
%RSD	.3047800	.1550255	.3194313	.3984542	.3933569	.4744569
#1	5.264687	5.199929	5.315641	5.175542	5.148750	10.14024
#2	5.233138	5.185086	5.282900	5.141804	5.118002	10.08446
#3	5.244351	5.197920	5.306785	5.138413	5.110781	10.18020

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**9.882975**	**.2641841**	**2.632399**	**25.60833**	**1.073698**	**2.607598**
Stddev	.052065	.0017737	.009125	.13879	.003109	.007911
%RSD	.5268121	.6713975	.3466480	.5419590	.2895671	.3033785
#1	9.918788	.2644102	2.638255	25.58325	1.077252	2.613467
#2	9.823250	.2623082	2.621885	25.48379	1.071481	2.598601
#3	9.906887	.2658339	2.637058	25.75794	1.072361	2.610725

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.301558**	**5.115165**	**2.526029**	**25.90372**	**2.616404**	**1.298779**
Stddev	.003695	.012796	.015567	.13290	.010164	.002797
%RSD	.2838730	.2501559	.6162591	.5130494	.3884681	.2153635
#1	1.305755	5.108826	2.517240	25.91645	2.622111	1.299385
#2	1.300122	5.106775	2.516845	25.76492	2.604669	1.295728
#3	1.298796	5.129892	2.544003	26.02980	2.622432	1.301223

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**24.69960**	**2.554252**	**2.581538**	**24.95933**	**5.189989**	**5.192856**
Stddev	.06141	.013014	.016274	.04569	.034558	.013239
%RSD	.2486348	.5094918	.6303989	.1830543	.6658578	.2549373
#1	24.62899	2.553851	2.578327	24.90674	5.181368	5.208101
#2	24.74058	2.541444	2.567109	24.98193	5.160557	5.184263
#3	24.72922	2.567462	2.599179	24.98931	5.228041	5.186203

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: CCV05 Acquired: 3/13/2025 16:28:43 Type: Unk
Method: NON EPA-6010-200.7(v2770) 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	5.264719	5.019166	F 5.519811	5.259225	5.108575	4.887952
Stddev	.021587	.020612	.009875	.021441	.014325	.018278
%RSD	.4100326	.4106691	.1788932	.4076835	.2804197	.3739337
#1	5.286144	5.012087	5.528329	5.268807	5.124971	4.882418
#2	5.242973	5.003025	5.522116	5.234663	5.098484	4.873080
#3	5.265040	5.042384	5.508988	5.274203	5.102268	4.908357

Elem	Sr4077
Units	ppm
Avg	5.038619
Stddev	.021527
%RSD	.4272361
#1	5.017384
#2	5.038049
#3	5.060426

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3271.055	71340.54	14271.01	2084.409	4370.025
Stddev	10.653	89.13	73.21	6.777	16.126
%RSD	.3256736	.1249357	.5129657	.3251223	.3690060
#1	3258.894	71244.55	14256.87	2087.907	4353.792
#2	3275.530	71356.37	14350.26	2088.722	4386.041
#3	3278.740	71420.69	14205.91	2076.598	4370.243

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: CCB05 Acquired: 3/13/2025 16:32:54 Type: Unk
Method: NON EPA-6010-200.7(v2770) 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	-.000534	-.000391	-.000336	.0023647	.0007614	-.002530	.0039848
Stddev	.001566	.001306	.000236	.0016984	.0007204	.004443	.0003947
%RSD	293.0461	334.1695	70.18128	71.82244	94.61311	175.5779	9.904125
#1	-.002245	-.001899	-.000608	.0037143	.0012432	-.007368	.0035395
#2	-.000187	.000402	-.000213	.0029222	.0011078	-.001592	.0042912
#3	.000829	.000324	-.000187	.0004576	-.000067	.001369	.0041238

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000032	.0000419	-.004206	-.000155	-.000104	.0000228	-.003390
Stddev	.000034	.0000416	.004480	.000044	.000191	.0001872	.002142
%RSD	105.8146	99.30766	106.5162	28.71022	183.2701	822.4375	63.18106
#1	-.000063	.0000681	-.001518	-.000182	-.000312	-.000080	-.000942
#2	.000004	.0000638	-.009377	-.000103	-.000065	.000239	-.004918
#3	-.000036	-.000006	-.001722	-.000179	.000064	-.000090	-.004309

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001109	.0021837	.0000411	.0000157	.1412779	.0007393	-.000798
Stddev	.000279	.0114159	.0000777	.0001670	.0065838	.0007212	.000376
%RSD	25.17604	522.7708	188.9974	1062.069	4.660206	97.55435	47.13541
#1	-.001431	.0037389	-.000048	-.000177	.1433175	.0015375	-.000883
#2	-.000967	.0127424	.000081	.000110	.1466006	.0001346	-.001124
#3	-.000929	-.009930	.000091	.000114	.1339156	.0005457	-.000386

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2349119	.0010965	.0002358	-.001266	.0009531	.0044155	-.003568
Stddev	.0185439	.0005646	.0001443	.000782	.0004859	.0037913	.002259
%RSD	7.893980	51.49463	61.19363	61.78571	50.97619	85.86347	63.32412
#1	.2393825	.0010867	.0001896	-.001956	.0011770	.0066968	-.003618
#2	.2145414	.0016660	.0003976	-.000416	.0003957	.0065108	-.001284
#3	.2508118	.0005368	.0001203	-.001425	.0012867	.0000390	-.005802

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: CCB05 Acquired: 3/13/2025 16:32:54 Type: Unk
Method: NON EPA-6010-200.7(v2770) 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	.0022648	.0031577	-.000024
Stddev	.0010785	.0008852	.000032
%RSD	47.62011	28.03468	135.0034
#1	.0022583	.0039133	.000006
#2	.0033465	.0021837	-.000058
#3	.0011895	.0033759	-.000020

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3466.550	75129.53	14306.28	2234.169	4972.455
Stddev	22.034	453.52	123.25	12.701	30.945
%RSD	.6356060	.6036532	.8614960	.5685055	.6223285
#1	3441.316	74914.34	14415.03	2221.185	4937.177
#2	3481.983	74823.67	14172.40	2234.756	4995.013
#3	3476.351	75650.59	14331.40	2246.567	4985.175

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: Q1556-01LX5 Acquired: 3/13/2025 16:37:13 Type: Unk
Method: NON EPA-6010-200.7(v2770) 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	.0056311	.0010316	.0823445	-.005665	-.001462	21.53589	.1373813
Stddev	.0003423	.0023948	.0011635	.000173	.000161	.01176	.0009516
%RSD	6.077942	232.1521	1.412915	3.057591	11.04655	.0545943	.6926646
#1	.0052803	-.001613	.0813257	-.005649	-.001634	21.54452	.1378834
#2	.0059641	.003054	.0820954	-.005501	-.001438	21.52249	.1362839
#3	.0056491	.001654	.0836123	-.005847	-.001314	21.54064	.1379767

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0017391	-.001861	12.53230	.0348690	.0193433	.1335922	45.18741
Stddev	.0000212	.000047	.01296	.0004974	.0002203	.0011811	.10669
%RSD	1.218192	2.535814	.1034218	1.426396	1.138760	.8840826	.2361057
#1	.0017565	-.001867	12.54725	.0351834	.0191088	.1323043	45.25884
#2	.0017453	-.001905	12.52546	.0351280	.0195459	.1338478	45.06477
#3	.0017155	-.001811	12.52420	.0342956	.0193752	.1346245	45.23863

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.267462	9.601719	.0347084	-.000891	2.249976	.0716757	.1023027
Stddev	.007506	.024137	.0003324	.000457	.007781	.0001449	.0009862
%RSD	.5921889	.2513813	.9578171	51.35475	.3458125	.2021972	.9639547
#1	1.273577	9.628107	.0344581	-.000401	2.251414	.0715240	.1012354
#2	1.259086	9.596293	.0345815	-.000964	2.241577	.0718127	.1031801
#3	1.269724	9.580757	.0350856	-.001307	2.256937	.0716905	.1024926

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.198866	-.059654	.0008521	.0044689	.7357975	.7553397	1.129220
Stddev	.008270	.001359	.0002061	.0004494	.0004998	.0212901	.008771
%RSD	.3761090	2.277775	24.19295	10.05552	.0679242	2.818606	.7767600
#1	2.196642	-.058403	.0008353	.0047043	.7361424	.7415025	1.122981
#2	2.191935	-.061100	.0010661	.0039508	.7352244	.7798556	1.125429
#3	2.208020	-.059460	.0006548	.0047517	.7360258	.7446609	1.139249

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: Q1556-01LX5 Acquired: 3/13/2025 16:37:13 Type: Unk
Method: NON EPA-6010-200.7(v2770) 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	.6803491	.0413002	.0442071
Stddev	.0056384	.0014123	.0000623
%RSD	.8287434	3.419530	.1409815
#1	.6767431	.0427717	.0441851
#2	.6774575	.0411733	.0441588
#3	.6868466	.0399557	.0442775

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3516.906	76257.98	14804.98	2267.982	4703.420
Stddev	7.507	46.98	43.14	13.372	11.635
%RSD	.2134587	.0616081	.2913646	.5895900	.2473730
#1	3519.849	76248.18	14765.54	2279.515	4707.256
#2	3522.497	76309.09	14851.04	2253.324	4712.652
#3	3508.374	76216.68	14798.35	2271.107	4690.351

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: Q1556-01MS Acquired: 3/13/2025 16:41:26 Type: Unk
Method: NON EPA-6010-200.7(v2770) 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	.0351562	.0017878	.3871023	-.027381	-.005593	98.13260	.5762160
Stddev	.0015008	.0004080	.0006527	.001121	.001657	.04994	.0019968
%RSD	4.268884	22.82252	.1686012	4.093865	29.62591	.0508872	.3465398
#1	.0368193	.0021125	.3878249	-.026837	-.006377	98.07521	.5756215
#2	.0347464	.0013298	.3869265	-.028670	-.003689	98.16615	.5784426
#3	.0339028	.0019210	.3865556	-.026636	-.006711	98.15643	.5745840

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0071227	-.003800	77.08576	.1562200	.1005018	.2880221	201.3515
Stddev	.0000707	.000127	.17245	.0012455	.0003893	.0010741	.2004
%RSD	.9925339	3.351546	.2237080	.7972779	.3873490	.3729154	.0995273
#1	.0071173	-.003880	77.09113	.1547899	.1001225	.2869642	201.2669
#2	.0071960	-.003653	77.25546	.1570669	.1004826	.2879905	201.2073
#3	.0070549	-.003866	76.91069	.1568033	.1009004	.2891116	201.5803

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.371406	55.51797	.1674282	-.001001	11.33598	.3176879	.4948890
Stddev	.012449	.17432	.0006606	.000079	.02980	.0009810	.0008353
%RSD	.3692389	.3139910	.3945535	7.858589	.2628669	.3087931	.1687893
#1	3.367060	55.46790	.1667008	-.000974	11.30815	.3177297	.4939483
#2	3.385445	55.71184	.1679907	-.001089	11.33236	.3166867	.4955442
#3	3.361713	55.37416	.1675931	-.000939	11.36742	.3186474	.4951744

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.08862	-.254847	.0033994	.0146257	3.258580	6.304106	5.360402
Stddev	.06043	.004283	.0001473	.0005761	.011200	.109991	.009373
%RSD	.5989827	1.680510	4.331684	3.938847	.3437217	1.744745	.1748521
#1	10.04602	-.250133	.0034259	.0152909	3.245735	6.184636	5.353059
#2	10.06206	-.258499	.0035316	.0142889	3.266307	6.326516	5.370959
#3	10.15778	-.255909	.0032407	.0142974	3.263700	6.401166	5.357187

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: Q1556-01MS Acquired: 3/13/2025 16:41:26 Type: Unk
Method: NON EPA-6010-200.7(v2770) 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	2.674975	.1806385	.2095585
Stddev	.022277	.0007847	.0001422
%RSD	.8328011	.4344191	.0678428
#1	2.650925	.1812999	.2093943
#2	2.694905	.1797714	.2096392
#3	2.679095	.1808442	.2096419

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3673.001	82106.16	16758.68	2388.329	4304.720
Stddev	10.342	230.73	87.14	12.566	9.840
%RSD	.2815573	.2810180	.5199519	.5261527	.2285892
#1	3680.962	82372.52	16826.06	2402.591	4313.052
#2	3676.730	81978.34	16660.27	2383.516	4307.244
#3	3661.313	81967.62	16789.69	2378.881	4293.864

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: Q1556-01MSD Acquired: 3/13/2025 16:45:32 Type: Unk
Method: NON EPA-6010-200.7(v2770) 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	.0348686	.0036731	.3879967	-.028110	-.004380	98.18974	.5688877
Stddev	.0019671	.0014938	.0023163	.000957	.001584	.10864	.0008564
%RSD	5.641583	40.66961	.5969855	3.404160	36.16880	.1106419	.1505463
#1	.0371273	.0019669	.3856711	-.027842	-.003700	98.10387	.5682672
#2	.0339471	.0047457	.3880154	-.027315	-.006191	98.15349	.5698649
#3	.0335313	.0043067	.3903036	-.029172	-.003249	98.31187	.5685311

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0072109	-.004110	76.04524	.1589955	.0997328	.2837383	203.2902
Stddev	.0000905	.000026	.21773	.0001458	.0005872	.0011156	.5628
%RSD	1.255079	.6285032	.2863208	.0916769	.5887559	.3931785	.2768367
#1	.0071374	-.004138	75.98800	.1591108	.0996666	.2833481	203.3743
#2	.0073120	-.004106	76.28588	.1590441	.0991815	.2828702	202.6901
#3	.0071833	-.004087	75.86185	.1588316	.1003503	.2849966	203.8062

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.353358	54.74981	.1659193	-.000721	11.49582	.3159668	.4757011
Stddev	.009704	.28859	.0002209	.000157	.03815	.0016981	.0013575
%RSD	.2893940	.5271135	.1331581	21.72719	.3318402	.5374155	.2853728
#1	3.348866	54.82567	.1660922	-.000664	11.48041	.3171832	.4750288
#2	3.364494	54.99290	.1659954	-.000899	11.46779	.3166903	.4748108
#3	3.346713	54.43087	.1656704	-.000601	11.53927	.3140268	.4772635

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.10053	-.258375	.0038290	.0156019	3.223568	5.712783	5.272907
Stddev	.09319	.004466	.0003387	.0014570	.013083	.040397	.013229
%RSD	.9226532	1.728645	8.844407	9.338294	.4058503	.7071328	.2508853
#1	10.06225	-.253222	.0036647	.0159790	3.220156	5.719286	5.264549
#2	10.03258	-.261149	.0036038	.0168333	3.238019	5.669529	5.266013
#3	10.20677	-.260752	.0042184	.0139935	3.212529	5.749534	5.288159

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: Q1556-01MSD Acquired: 3/13/2025 16:45:32 Type: Unk
Method: NON EPA-6010-200.7(v2770) 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	2.651535	.1811071	.2077261
Stddev	.021663	.0014363	.0002556
%RSD	.8170077	.7930907	.1230568
#1	2.648301	.1802919	.2075261
#2	2.631671	.1802638	.2076381
#3	2.674634	.1827656	.2080141

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3665.592	79849.37	16573.34	2339.860	4307.227
Stddev	3.844	106.56	100.95	7.225	2.731
%RSD	.1048563	.1334486	.6091033	.3087942	.0634044
#1	3668.707	79948.71	16611.29	2345.622	4306.469
#2	3661.297	79862.58	16458.92	2331.753	4310.257
#3	3666.774	79736.82	16649.82	2342.204	4304.955

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: Q1556-01A Acquired: 3/13/2025 16:49:37 Type: Unk
Method: NON EPA-6010-200.7(v2770) 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	.0369078	.0031767	.3810011	-.028503	-.004334	95.13400	.5544898
Stddev	.0022397	.0004710	.0024844	.001500	.001050	.57039	.0033523
%RSD	6.068462	14.82593	.6520766	5.264180	24.23676	.5995597	.6045715
#1	.0362144	.0035534	.3790953	-.027900	-.005537	94.78155	.5530050
#2	.0350968	.0026486	.3800970	-.027397	-.003869	94.82838	.5521362
#3	.0394123	.0033279	.3838110	-.030211	-.003596	95.79207	.5583280

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0069403	-.004581	74.09181	.1551323	.0984616	.2807751	201.3526
Stddev	.0001333	.000149	.47930	.0002458	.0006155	.0014603	.3508
%RSD	1.920472	3.249891	.6469019	.1584184	.6251008	.5201015	.1742164
#1	.0068255	-.004602	73.69406	.1552674	.0979139	.2794568	201.2502
#2	.0069088	-.004719	73.95740	.1548486	.0983432	.2805237	201.7432
#3	.0070865	-.004423	74.62397	.1552808	.0991276	.2823448	201.0644

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.263928	53.37135	.1632234	-.000872	11.38806	.3085114	.4626011
Stddev	.020959	.34919	.0012054	.000125	.01982	.0011304	.0015187
%RSD	.6421486	.6542649	.7384964	14.38157	.1740600	.3663903	.3282847
#1	3.255188	53.06404	.1618543	-.000857	11.36652	.3095828	.4623750
#2	3.248754	53.29895	.1636913	-.001005	11.40554	.3073301	.4642201
#3	3.287843	53.75107	.1641248	-.000755	11.39211	.3086212	.4612082

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.840002	-.235648	.0032672	.0132913	3.104443	3.770974	5.176069
Stddev	.040450	.006412	.0002646	.0017292	.018185	.056552	.023191
%RSD	.4110737	2.720966	8.099617	13.00984	.5857618	1.499670	.4480489
#1	9.865364	-.234128	.0033224	.0150415	3.095257	3.765851	5.154532
#2	9.861288	-.230133	.0029793	.0132485	3.092684	3.829913	5.173056
#3	9.793354	-.242683	.0034999	.0115839	3.125388	3.717157	5.200620

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: Q1556-01A Acquired: 3/13/2025 16:49:37 Type: Unk
Method: NON EPA-6010-200.7(v2770) 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	2.611082	.1770717	.2029683
Stddev	.008646	.0008855	.0012774
%RSD	.3311144	.5000736	.6293706
#1	2.602442	.1764926	.2027831
#2	2.611071	.1766316	.2017936
#3	2.619733	.1780910	.2043282

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3722.466	80967.32	17096.03	2367.208	4381.445
Stddev	5.633	136.71	129.92	10.540	13.095
%RSD	.1513242	.1688483	.7599615	.4452330	.2988851
#1	3727.769	81120.83	17169.51	2368.348	4394.284
#2	3723.077	80858.68	17172.55	2356.145	4381.944
#3	3716.553	80922.46	16946.01	2377.132	4368.107

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: LR1 Acquired: 3/13/2025 16:53:20 Type: Unk
Method: NON EPA-6010-200.7(v2805) 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	.0432594	.0779784	.0221107	-.177652	-.020309	2096.629	.0210760
Stddev	.0060862	.0055442	.0089084	.022783	.012452	13.413	.0017149
%RSD	14.06898	7.109911	40.29013	12.82471	61.31458	.6397204	8.136549
#1	.0499125	.0841958	.0254607	-.153511	-.018840	2095.370	.0196110
#2	.0418934	.0761909	.0288585	-.198777	-.033431	2083.890	.0206548
#3	.0379723	.0735484	.0120129	-.180667	-.008656	2110.627	.0229622

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0089908	-.001674	1903.027	.0288505	.0304120	.6009829	1008.075
Stddev	.0001197	.006765	23.626	.0006032	.0019561	.0294469	6.902
%RSD	1.331334	403.9871	1.241489	2.090923	6.432049	4.899782	.6847006
#1	.0089582	-.009290	1884.684	.0294720	.0282124	.5670729	1005.824
#2	.0088907	.000630	1894.710	.0282673	.0310671	.6157696	1015.822
#3	.0091234	.003637	1929.686	.0288123	.0319565	.6201062	1002.579

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.093975	1830.518	.0058389	-.037457	2191.597	.0178666	.0783260
Stddev	.000518	23.554	.0007399	.001006	7.525	.0001892	.0016564
%RSD	.5514016	1.286743	12.67132	2.685200	.3433424	1.059091	2.114756
#1	-.093418	1809.373	.0052877	-.038439	2200.246	.0177074	.0772740
#2	-.094065	1826.276	.0055494	-.036429	2187.997	.0178166	.0774686
#3	-.094442	1855.905	.0066798	-.037503	2186.549	.0180758	.0802354

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1276.638	^ *****	.0048126	.0026029	-.037464	.1867313	.1330570
Stddev	9.039	-----	.0005955	.0053682	.001430	.0017981	.0028548
%RSD	.7080093	-----	12.37313	206.2376	3.816950	.9629529	2.145568
#1	1286.901	^ -----	.0042982	-.003588	-.039114	.1853977	.1351708
#2	1273.151	^ -----	.0054649	.005422	-.036586	.1860200	.1341909
#3	1269.862	^ -----	.0046748	.005975	-.036692	.1887763	.1298095

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: LR1 Acquired: 3/13/2025 16:53:20 Type: Unk
Method: NON EPA-6010-200.7(v2805) 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	-.211651	.1128008	.0125446
Stddev	.014642	.0058808	.0001113
%RSD	6.918239	5.213435	.8874728
#1	-.227970	.1163221	.0124840
#2	-.207320	.1160684	.0126731
#3	-.199662	.1060118	.0124766

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2339.789	50087.76	11865.68	1462.784	2717.667
Stddev	73.105	114.06	105.43	8.350	87.169
%RSD	3.124415	.2277118	.8885158	.5708464	3.207510
#1	2424.101	50133.46	11953.77	1453.180	2818.210
#2	2301.230	49957.94	11894.41	1466.845	2671.503
#3	2294.036	50171.88	11748.87	1468.328	2663.288

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: LR2 Acquired: 3/13/2025 16:58:18 Type: Unk
Method: NON EPA-6010-200.7(v2805) 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	.0082980	-.002120	247.5949	.0162226	-.004301	.2206853	^F *****
Stddev	.0007856	.002200	1.3995	.0037304	.001521	.0025402	-----
%RSD	9.466795	103.7582	.5652289	22.99512	35.36173	1.151040	-----
#1	.0088336	-.003814	247.1798	.0199117	-.002820	.2209352	^ -----
#2	.0086642	.000366	246.4500	.0124522	-.004225	.2230912	91.04036
#3	.0073962	-.002911	249.1550	.0163039	-.005859	.2180293	90.23960

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003423	-.003549	.0785397	.0011245	.0055756	225.5188	.0378137
Stddev	.000036	.000044	.0087840	.0003182	.0003328	1.5130	.0036371
%RSD	1.042542	1.245221	11.18415	28.29448	5.968581	.6709096	9.618471
#1	-.003382	-.003591	.0810031	.0010253	.0058840	226.0874	.0412519
#2	-.003437	-.003552	.0858290	.0008677	.0056198	223.8039	.0381832
#3	-.003449	-.003503	.0687870	.0014804	.0052228	226.6652	.0340059

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	45.92435	-.086098	49.27059	.0017083	.3246598	-.012263	33.65544
Stddev	.40551	.020522	.29545	.0002273	.0273427	.001313	.05120
%RSD	.8829999	23.83563	.5996391	13.30383	8.421943	10.70671	.1521361
#1	46.32457	-.102610	49.24195	.0014678	.3381270	-.011877	33.66619
#2	45.93473	-.063122	48.99051	.0019196	.3426568	-.013726	33.70042
#3	45.51375	-.092562	49.57932	.0017374	.2931957	-.011187	33.59972

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3295613	-.004955	-.007827	-.005790	-.038537	-.002571	.3209676
Stddev	.0400474	.000528	.000475	.000223	.000983	.002633	.0075311
%RSD	12.15173	10.65528	6.073905	3.850085	2.549471	102.4179	2.346371
#1	.3750779	-.005524	-.007398	-.005535	-.039568	-.004999	.3281264
#2	.3138723	-.004481	-.007745	-.005887	-.038432	-.002941	.3131126
#3	.2997337	-.004860	-.008338	-.005947	-.037612	.000228	.3216637

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: LR2 Acquired: 3/13/2025 16:58:18 Type: Unk
Method: NON EPA-6010-200.7(v2805) 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	.0378515	.0032109	.0016481
Stddev	.0073257	.0007138	.0001037
%RSD	19.35376	22.23162	6.291632
#1	.0323959	.0024132	.0015650
#2	.0349807	.0037895	.0017643
#3	.0461777	.0034300	.0016150

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2990.465	72723.84	14139.80	2067.881	4582.940
Stddev	18.713	281.25	106.93	5.147	23.508
%RSD	.6257459	.3867368	.7561989	.2489095	.5129398
#1	2987.834	72925.55	14023.94	2070.798	4586.461
#2	3010.353	72843.42	14160.79	2061.938	4604.488
#3	2973.206	72402.57	14234.68	2070.907	4557.870

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: PB167103TB Acquired: 3/13/2025 17:04:10 Type: Unk
Method: NON EPA-6010-200.7(v2806) 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	-.004645	-.004888	.0041289	.0038556	.0022419	.0030857
Stddev	.001038	.000615	.0017997	.0017637	.0006486	.0014127
%RSD	22.33531	12.57866	43.58853	45.74509	28.93143	45.78345
#1	-.004737	-.005407	.0053199	.0043236	.0029908	.0019857
#2	-.005634	-.005047	.0020586	.0019050	.0018647	.0025925
#3	-.003565	-.004209	.0050081	.0053381	.0018701	.0046790

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000009	-.000158	-.000059	.0193178	.0005526	-.000120
Stddev	.000750	.000033	.000062	.0085006	.0003879	.000299
%RSD	8738.397	20.89284	104.6196	44.00405	70.20453	249.0627
#1	-.000523	-.000121	-.000091	.0124510	.0003108	-.000079
#2	-.000354	-.000184	-.000098	.0166769	.0003469	.000156
#3	.000852	-.000169	.000012	.0288254	.0010000	-.000438

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0021380	.0072346	.0003572	.0006648	.0011880	-.000043
Stddev	.0003528	.0016816	.0001040	.0055813	.0001038	.000095
%RSD	16.50126	23.24311	29.11201	839.5023	8.735479	220.7148
#1	.0018891	.0053479	.0004091	.0037336	.0012898	-.000088
#2	.0019832	.0085753	.0004251	.0040384	.0010824	.000066
#3	.0025418	.0077807	.0002375	-.005777	.0011917	-.000107

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 300.8827	.0004220	.0018635	.0271656	-.006519	.0001314
Stddev	3.8900	.0010899	.0001695	.0212045	.000258	.0002488
%RSD	1.292850	258.2807	9.096801	78.05651	3.957291	189.2706
#1	305.2842	.0015980	.0018695	.0514320	-.006374	.0003820
#2	297.9063	.0002221	.0020300	.0122067	-.006367	-.000115
#3	299.4574	-.000554	.0016911	.0178579	-.006817	.000128

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: PB167103TB Acquired: 3/13/2025 17:04:10 Type: Unk
Method: NON EPA-6010-200.7(v2806) 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	-.001252	.0011839	.0118092	-.000504	F .0176398	-.001826
Stddev	.000572	.0003928	.0046532	.000959	.0008818	.001732
%RSD	45.67508	33.17574	39.40288	190.2490	4.998977	94.86156
#1	-.001912	.0016326	.0163322	-.001454	.0181485	-.003519
#2	-.000918	.0010171	.0070359	.000465	.0181494	-.001901
#3	-.000925	.0009021	.0120596	-.000524	.0166216	-.000057

Elem	Sr4077
Units	ppm
Avg	.0000119
Stddev	.0000480
%RSD	405.0234
#1	-.000005
#2	.000066
#3	-.000025

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3231.222	72326.22	14972.06	2107.414	4337.974
Stddev	90.960	53.47	55.23	6.260	127.480
%RSD	2.815047	.0739310	.3689072	.2970320	2.938704
#1	3293.569	72379.31	15031.38	2111.547	4427.574
#2	3126.847	72272.38	14962.69	2100.212	4192.030
#3	3273.251	72326.98	14922.11	2110.483	4394.319

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: Q1547-05 Acquired: 3/13/2025 17:08:36 Type: Unk
Method: NON EPA-6010-200.7(v2806) 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	-.004368	-.003776	.0416065	.0040325	.0010556	.0291585	.2069863
Stddev	.000961	.001195	.0004265	.0010721	.0009831	.0062396	.0004008
%RSD	22.00012	31.65554	1.025148	26.58730	93.12993	21.39878	.1936226
#1	-.003259	-.003093	.0420876	.0028337	-.000021	.0234597	.2071832
#2	-.004885	-.005156	.0414569	.0048997	.001283	.0358256	.2072505
#3	-.004960	-.003079	.0412749	.0043641	.001905	.0281902	.2065251

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000096	.0010554	7.697806	.0025903	.0005271	.0094398	.0208188
Stddev	.000020	.0000459	.034917	.0002223	.0001464	.0000055	.0019165
%RSD	21.27870	4.347220	.4536002	8.581403	27.77662	.0582826	9.205851
#1	-.000073	.0010561	7.738110	.0028123	.0006228	.0094360	.0187191
#2	-.000112	.0011008	7.678632	.0023677	.0003586	.0094373	.0212633
#3	-.000102	.0010091	7.676678	.0025909	.0006000	.0094461	.0224741

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0308982	.5537634	.0031740	.0001803	315.3461	.0004886	.0875235
Stddev	.0006705	.0069872	.0002219	.0001945	2.9111	.0009641	.0001564
%RSD	2.169979	1.261773	6.992592	107.8327	.9231443	197.3327	.1787277
#1	.0312670	.5560699	.0031494	-.000043	312.0493	.0016008	.0876622
#2	.0313034	.5593059	.0034072	.000310	317.5626	-.000027	.0873539
#3	.0301243	.5459146	.0029653	.000274	316.4263	-.000109	.0875543

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3567319	.0217592	.0001569	-.000989	.0012437	.6077737	.0115902
Stddev	.0299629	.0007359	.0000119	.001114	.0012134	.0078405	.0008002
%RSD	8.399277	3.382260	7.555152	112.5971	97.55898	1.290036	6.904134
#1	.3900619	.0216498	.0001493	-.001635	.0003143	.6010561	.0115299
#2	.3481047	.0225438	.0001508	-.001628	.0008005	.6163888	.0124189
#3	.3320290	.0210841	.0001705	.000297	.0026164	.6058762	.0108219

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: Q1547-05 Acquired: 3/13/2025 17:08:36 Type: Unk
Method: NON EPA-6010-200.7(v2806) 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	.3169029	-.002923	.0453530
Stddev	.0010210	.000102	.0000941
%RSD	.3221745	3.497881	.2074891
#1	.3179503	-.003034	.0454475
#2	.3159106	-.002832	.0453521
#3	.3168477	-.002904	.0452593

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3241.716	70835.85	14735.91	2070.475	4323.348
Stddev	5.704	173.17	48.43	9.265	1.935
%RSD	.1759526	.2444615	.3286769	.4474974	.0447586
#1	3247.004	70903.43	14682.66	2077.844	4323.059
#2	3242.471	70965.04	14747.73	2073.507	4321.574
#3	3235.672	70639.08	14777.34	2060.073	4325.412

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: Q1547-05DUP Acquired: 3/13/2025 17:13:02 Type: Unk
Method: NON EPA-6010-200.7(v2806) 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	-.005946	-.003657	.0419073	.0021646	.0007798	.0258652	.2108098
Stddev	.001311	.001908	.0013333	.0027944	.0011291	.0031145	.0012027
%RSD	22.04086	52.16715	3.181551	129.0978	144.8025	12.04139	.5705199
#1	-.004455	-.005848	.0432056	-.000380	.0019999	.0290203	.2110622
#2	-.006470	-.002362	.0405416	.001719	-.000228	.0227929	.2118662
#3	-.006914	-.002762	.0419746	.005155	.000568	.0257824	.2095009

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000057	.0010678	7.681896	.0026667	.0005813	.0091733	.0195744
Stddev	.000062	.0000427	.016403	.0003449	.0004227	.0001921	.0015271
%RSD	109.5106	4.001653	.2135259	12.93280	72.71859	2.094428	7.801578
#1	-.000101	.0011144	7.691325	.0022696	.0000968	.0090634	.0189660
#2	-.000084	.0010305	7.662956	.0028399	.0008746	.0093951	.0213119
#3	.000014	.0010585	7.691408	.0028907	.0007726	.0090613	.0184452

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0308554	.5502627	.0026780	-.000121	312.5550	.0001199	.0856160
Stddev	.0000720	.0214430	.0001210	.000238	4.8022	.0011451	.0000623
%RSD	.2334582	3.896874	4.519311	196.3998	1.536424	955.0997	.0728176
#1	.0307724	.5441075	.0027906	-.000046	317.6722	.0013633	.0856880
#2	.0309020	.5741102	.0026935	.000070	308.1466	-.000891	.0855774
#3	.0308918	.5325703	.0025500	-.000387	311.8464	-.000112	.0855828

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3685115	.0209029	.0001532	-.001089	.0008773	.6019695	.0132935
Stddev	.0267951	.0006674	.0002634	.000876	.0002938	.0087033	.0025138
%RSD	7.271177	3.192827	171.9226	80.46440	33.49046	1.445800	18.91030
#1	.3772602	.0212927	.0001475	-.000086	.0012163	.5928210	.0111522
#2	.3384355	.0201323	.0004195	-.001478	.0006965	.6101459	.0160613
#3	.3898388	.0212838	-.000107	-.001704	.0007191	.6029416	.0126668

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: Q1547-05DUP Acquired: 3/13/2025 17:13:02 Type: Unk
Method: NON EPA-6010-200.7(v2806) 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	.3217331	-.002187	.0457207
Stddev	.0023935	.001341	.0001398
%RSD	.7439439	61.30223	.3057342
#1	.3218438	-.001701	.0457940
#2	.3192862	-.001157	.0458086
#3	.3240693	-.003703	.0455595

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3312.076	73285.15	15189.48	2132.759	4420.887
Stddev	12.425	169.52	8.26	18.596	22.101
%RSD	.3751574	.2313179	.0544068	.8719062	.4999334
#1	3305.670	73209.87	15180.06	2111.863	4412.514
#2	3326.397	73166.31	15192.90	2138.929	4445.951
#3	3304.160	73479.28	15195.49	2147.486	4404.194

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: Q1547-05LX5 Acquired: 3/13/2025 17:17:28 Type: Unk
Method: NON EPA-6010-200.7(v2806) 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	-.001784	-.000967	.0090504	.0008835	.0005334	.0022095	.0448592
Stddev	.003234	.001118	.0003225	.0038797	.0022112	.0019108	.0007753
%RSD	181.2150	115.5987	3.563419	439.1318	414.5606	86.48224	1.728232
#1	-.002067	-.000263	.0088498	-.003000	-.001010	.0004386	.0456967
#2	.001581	-.000382	.0094225	.004759	.003066	.0042348	.0447145
#3	-.004867	-.002257	.0088791	.000891	-.000456	.0019552	.0441666

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000024	.0001414	1.611679	.0008703	.0000710	.0020672	.0064983
Stddev	.000078	.0000430	.011726	.0001316	.0001894	.0003345	.0041999
%RSD	331.2480	30.41338	.7275711	15.11956	266.9620	16.18179	64.63079
#1	-.000061	.0001571	1.601073	.0010078	.0001271	.0022624	.0016832
#2	-.000076	.0000928	1.609694	.0007455	.0002260	.0016810	.0094058
#3	.000066	.0001744	1.624271	.0008578	-.000140	.0022583	.0084060

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0057887	.1104509	.0005571	-.000375	60.55737	.0015784	.0173123
Stddev	.0000237	.0088612	.0000557	.000207	.07779	.0010153	.0003570
%RSD	.4100770	8.022755	10.00369	55.18888	.1284599	64.32383	2.062419
#1	.0057622	.1132765	.0005859	-.000160	60.49374	.0009870	.0170945
#2	.0057958	.1005215	.0004928	-.000392	60.64409	.0027508	.0171180
#3	.0058080	.1175547	.0005924	-.000574	60.53427	.0009976	.0177244

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1892175	.0001433	-.000052	-.001135	.0009370	.1145914	.0007089
Stddev	.0287266	.0008151	.000098	.000263	.0007003	.0017346	.0022815
%RSD	15.18177	568.5852	189.5401	23.15521	74.74032	1.513741	321.8542
#1	.1830168	.0008771	-.000108	-.001104	.0017447	.1149503	-.000080
#2	.2205380	.0002869	.000061	-.000890	.0005687	.1127054	.003280
#3	.1640977	-.000734	-.000108	-.001413	.0004977	.1161185	-.001074

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: Q1547-05LX5 Acquired: 3/13/2025 17:17:28 Type: Unk
Method: NON EPA-6010-200.7(v2806) 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	.0649829	.0058895	.0095564
Stddev	.0016133	.0007865	.0000662
%RSD	2.482683	13.35440	.6930471
#1	.0662940	.0065261	.0096304
#2	.0654735	.0050102	.0095027
#3	.0631812	.0061320	.0095360

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3417.377	73602.80	14146.76	2191.959	4687.391
Stddev	14.372	217.25	92.52	4.359	26.771
%RSD	.4205571	.2951711	.6540367	.1988738	.5711229
#1	3427.466	73625.30	14072.94	2189.281	4704.243
#2	3423.744	73375.18	14250.56	2189.608	4701.407
#3	3400.921	73807.93	14116.78	2196.990	4656.522

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: CCV06 Acquired: 3/13/2025 17:21:47 Type: Unk
Method: NON EPA-6010-200.7(v2806) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV06 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.070560	5.074795	5.180185	4.973060	4.975558	10.02855	9.979444
Stddev	.034682	.046561	.026150	.033134	.025544	.02319	.145857
%RSD	.6839956	.9175045	.5048149	.6662688	.5133850	.2312024	1.461573
#1	5.036596	5.047242	5.156147	4.938871	4.957024	10.03031	9.832020
#2	5.069164	5.048590	5.176379	4.975282	4.964955	10.05081	10.12368
#3	5.105919	5.128554	5.208030	5.005027	5.004696	10.00454	9.98263

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2638450	2.572398	25.66825	1.058839	2.548582	1.272260	5.039567
Stddev	.0008974	.011150	.08946	.002200	.011098	.004867	.022072
%RSD	.3401090	.4334522	.3485088	.2077467	.4354563	.3825317	.4379705
#1	.2646212	2.561565	25.76075	1.060903	2.537426	1.266930	5.064901
#2	.2640514	2.571789	25.66182	1.059088	2.548698	1.273383	5.029316
#3	.2628624	2.583840	25.58219	1.056525	2.559621	1.276467	5.024485

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.512560	26.02495	2.554966	1.287593	24.06556	2.544340	2.547271
Stddev	.013961	.10363	.011261	.001123	.17258	.011570	.007410
%RSD	.5556487	.3982069	.4407403	.0872491	.7171246	.4547332	.2909081
#1	2.526458	26.13712	2.543163	1.288149	24.18020	2.556791	2.545524
#2	2.512684	25.93277	2.556143	1.286300	24.14942	2.542308	2.540890
#3	2.498537	26.00498	2.565592	1.288330	23.86708	2.533921	2.555399

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.79497	5.139561	5.081842	5.138306	5.007957	5.344049	5.220974
Stddev	.06628	.006896	.023500	.028770	.023251	.013129	.027142
%RSD	.2673129	.1341724	.4624244	.5599038	.4642846	.2456717	.5198702
#1	24.84624	5.147523	5.060603	5.107989	5.029334	5.358560	5.195818
#2	24.81855	5.135513	5.077836	5.141700	5.011336	5.332993	5.217364
#3	24.72013	5.135647	5.107087	5.165228	4.983202	5.340594	5.249741

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: CCV06 Acquired: 3/13/2025 17:21:47 Type: Unk
Method: NON EPA-6010-200.7(v2806) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV06 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.970776	4.831627	5.034528
Stddev	.024774	.025375	.055374
%RSD	.4983981	.5251762	1.099880
#1	4.946900	4.848240	5.083735
#2	4.969068	4.844223	4.974566
#3	4.996360	4.802419	5.045284

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3330.323	71634.49	14271.63	2110.158	4448.119
Stddev	14.411	111.11	38.96	2.053	19.082
%RSD	.4327278	.1551067	.2730124	.0972964	.4289878
#1	3339.323	71660.83	14253.82	2110.713	4459.706
#2	3337.945	71512.58	14244.75	2107.884	4458.556
#3	3313.702	71730.07	14316.31	2111.877	4426.095

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: CCB06 Acquired: 3/13/2025 17:25:57 Type: Unk
Method: NON EPA-6010-200.7(v2806) 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	-.001699	-.000211	.0000910	-.002051	.0020133	-.005019	.0028432
Stddev	.001386	.001095	.0010910	.000573	.0014205	.000124	.0010628
%RSD	81.55911	518.0778	1198.352	27.91651	70.55642	2.472913	37.38246
#1	-.003133	.000423	-.000366	-.002674	.0014871	-.004889	.0016315
#2	-.000367	.000418	.001336	-.001547	.0036219	-.005033	.0032799
#3	-.001596	-.001475	-.000697	-.001933	.0009310	-.005136	.0036181

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000004	.0000253	-.003343	.0000433	.0000202	.0001708	.0036308
Stddev	.000034	.0000145	.005017	.0006675	.0002889	.0003353	.0013984
%RSD	827.0824	57.23073	150.0544	1541.408	1431.859	196.3427	38.51338
#1	.000028	.0000086	-.009134	.0006447	.0002132	.0002502	.0031002
#2	-.000001	.0000343	-.000293	.0001601	.0001592	.0004593	.0025754
#3	-.000039	.0000330	-.000603	-.000675	-.000312	-.000197	.0052168

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000511	-.002129	-.000115	.0001199	.1472494	.0005229	-.000661
Stddev	.000456	.004238	.000140	.0003738	.0055535	.0003479	.000463
%RSD	89.18601	199.0269	121.1342	311.7946	3.771513	66.53762	70.07025
#1	-.000846	-.004851	-.000270	-.000197	.1428295	.0007790	-.000866
#2	.000008	-.004289	.000002	.000532	.1454356	.0001268	-.000986
#3	-.000696	.002753	-.000079	.000025	.1534830	.0006630	-.000131

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0919917	.0006153	.0002540	-.000496	.0014592	.0090047	-.005417
Stddev	.0299547	.0006491	.0001316	.000306	.0002656	.0016308	.001800
%RSD	32.56240	105.4847	51.80498	61.57886	18.20148	18.11017	33.22330
#1	.1068191	.0008603	.0004057	-.000186	.0011539	.0084052	-.007360
#2	.1116408	.0011062	.0001856	-.000506	.0016373	.0108503	-.003808
#3	.0575152	-.000121	.0001708	-.000797	.0015862	.0077585	-.005083

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: CCB06 Acquired: 3/13/2025 17:25:57 Type: Unk
Method: NON EPA-6010-200.7(v2806) 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	-.000533	.0032378	.0000831
Stddev	.002593	.0002271	.0000606
%RSD	486.6956	7.014166	72.85795
#1	-.002352	.0035000	.0000899
#2	.002436	.0031111	.0001399
#3	-.001682	.0031023	.0000194

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3443.227	74472.28	14283.41	2185.324	4980.677
Stddev	3.649	107.30	61.04	1.827	10.245
%RSD	.1059790	.1440872	.4273246	.0836048	.2057005
#1	3447.439	74353.46	14256.70	2183.253	4988.809
#2	3441.194	74562.12	14240.28	2186.707	4984.052
#3	3441.047	74501.25	14353.25	2186.011	4969.170

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: Q1547-05MS Acquired: 3/13/2025 17:30:17 Type: Unk
Method: NON EPA-6010-200.7(v2806) 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	.8054089	1.776928	.9752016	1.902398	.7815544	1.934399	.3865491
Stddev	.0021824	.017224	.0013119	.004230	.0034398	.005462	.0011943
%RSD	.2709648	.9692998	.1345227	.2223450	.4401185	.2823419	.3089638
#1	.8028893	1.774244	.9764042	1.897929	.7826317	1.931763	.3877791
#2	.8066300	1.795336	.9738026	1.902926	.7777049	1.930755	.3853940
#3	.8067074	1.761204	.9753978	1.906339	.7843265	1.940678	.3864742

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1938814	.1969316	8.572990	.4166448	.1973208	.2943024	2.985841
Stddev	.0002552	.0003003	.025872	.0013918	.0001762	.0007104	.023648
%RSD	.1316142	.1524676	.3017882	.3340435	.0892865	.2413671	.7919889
#1	.1941558	.1965924	8.552409	.4182518	.1974373	.2944844	2.999793
#2	.1936512	.1971635	8.564527	.4158269	.1974071	.2935188	2.958538
#3	.1938373	.1970388	8.602034	.4158557	.1971181	.2949041	2.999194

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2213221	2.423896	.4912662	.0749357	312.8173	.2927639	.2875034
Stddev	.0012083	.010617	.0014386	.0002783	.8629	.0020241	.0020975
%RSD	.5459452	.4380306	.2928243	.3713971	.2758526	.6913767	.7295539
#1	.2225629	2.432309	.4897942	.0751937	313.1696	.2937448	.2861755
#2	.2201492	2.411966	.4926687	.0749727	311.8340	.2904363	.2899215
#3	.2212542	2.427412	.4913358	.0746407	313.4484	.2941107	.2864133

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.30773	.2848920	.4084299	.6926895	.1910236	1.408579	5.987482
Stddev	.03202	.0019226	.0003072	.0025453	.0009716	.002829	.016755
%RSD	.3106252	.6748670	.0752093	.3674475	.5086088	.2008303	.2798408
#1	10.34427	.2826908	.4087614	.6897506	.1910427	1.405366	5.982111
#2	10.29436	.2857427	.4081549	.6941370	.1900426	1.409676	6.006264
#3	10.28457	.2862426	.4083735	.6941810	.1919855	1.410696	5.974070

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: Q1547-05MS Acquired: 3/13/2025 17:30:17 Type: Unk
Method: NON EPA-6010-200.7(v2806) 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	.2923244	.1878519	.2309340
Stddev	.0049175	.0005952	.0010136
%RSD	1.682198	.3168229	.4389157
#1	.2887450	.1872138	.2319475
#2	.2902967	.1879499	.2299203
#3	.2979314	.1883919	.2309343

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3301.660	71234.09	14721.93	2081.256	4398.238
Stddev	7.980	155.59	15.17	8.342	4.232
%RSD	.2417102	.2184242	.1030548	.4008356	.0962101
#1	3298.839	71073.28	14713.23	2089.327	4402.751
#2	3310.667	71383.87	14739.45	2072.667	4397.604
#3	3295.473	71245.12	14713.11	2081.775	4394.359

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: Q1547-05MSD Acquired: 3/13/2025 17:34:27 Type: Unk
Method: NON EPA-6010-200.7(v2806) 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	.8048625	1.774762	.9745565	1.901528	.7793531	1.928115	.3851094
Stddev	.0031539	.014093	.0014661	.002713	.0024018	.001631	.0015671
%RSD	.3918496	.7940674	.1504328	.1426590	.3081775	.0846059	.4069193
#1	.8083784	1.765930	.9732413	1.901375	.7809157	1.927823	.3865526
#2	.8039264	1.767342	.9761371	1.904314	.7805561	1.926648	.3834425
#3	.8022826	1.791015	.9742910	1.898895	.7765876	1.929872	.3853330

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1972624	.1963376	8.595865	.4131216	.1971878	.2949192	2.927167
Stddev	.0009500	.0004752	.010826	.0012819	.0007573	.0006672	.018633
%RSD	.4815729	.2420113	.1259443	.3102886	.3840530	.2262438	.6365633
#1	.1962368	.1964773	8.583376	.4140251	.1970046	.2941703	2.945097
#2	.1981121	.1967273	8.601640	.4116545	.1980199	.2954505	2.907902
#3	.1974383	.1958083	8.602580	.4136853	.1965389	.2951368	2.928502

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2222659	2.440361	.4918535	.0744598	307.9242	.2950682	.2852711
Stddev	.0007006	.017399	.0005863	.0003967	5.9865	.0003357	.0002307
%RSD	.3152075	.7129492	.1191955	.5327901	1.944138	.1137827	.0808746
#1	.2221724	2.444963	.4919943	.0746900	314.8279	.2953768	.2850051
#2	.2216168	2.421125	.4923565	.0740017	304.1697	.2951171	.2853921
#3	.2230086	2.454996	.4912097	.0746876	304.7749	.2947107	.2854162

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.03774	.2884141	.4079748	.6895981	.1919059	1.363206	6.004339
Stddev	.03867	.0013246	.0012913	.0041954	.0013071	.003623	.018053
%RSD	.3852011	.4592782	.3165046	.6083867	.6811282	.2657392	.3006688
#1	10.06605	.2881573	.4073172	.6895660	.1924525	1.367363	5.984331
#2	9.99368	.2898483	.4094625	.6938096	.1928509	1.361536	6.019411
#3	10.05348	.2872366	.4071447	.6854189	.1904142	1.360720	6.009274

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: Q1547-05MSD Acquired: 3/13/2025 17:34:27 Type: Unk
Method: NON EPA-6010-200.7(v2806) 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	.2949943	.1879431	.2309041
Stddev	.0037477	.0013592	.0003417
%RSD	1.270444	.7231986	.1479876
#1	.2986176	.1885229	.2312816
#2	.2911335	.1889162	.2308146
#3	.2952318	.1863901	.2306160

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3307.785	72059.37	14489.93	2111.347	4402.772
Stddev	12.666	239.41	36.14	6.400	13.066
%RSD	.3829028	.3322392	.2493886	.3031353	.2967677
#1	3308.533	71952.43	14531.45	2106.664	4400.033
#2	3294.761	72333.61	14465.63	2118.639	4391.293
#3	3320.059	71892.07	14472.69	2108.737	4416.991

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: Q1547-05A Acquired: 3/13/2025 17:38:38 Type: Unk
Method: NON EPA-6010-200.7(v2806) 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	.7829580	1.753771	.9663901	1.848942	.7577616	1.867369	.3934170
Stddev	.0020516	.013210	.0058354	.010909	.0068801	.005234	.0020690
%RSD	.2620367	.7532208	.6038383	.5900392	.9079494	.2803050	.5259088
#1	.7834393	1.739277	.9596840	1.836860	.7498645	1.862147	.3911323
#2	.7807085	1.765133	.9691737	1.851895	.7609610	1.872616	.3939545
#3	.7847261	1.756902	.9703124	1.858071	.7624595	1.867343	.3951643

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1890739	.1947889	8.644263	.4025309	.1959665	.2913008	2.965815
Stddev	.0001374	.0013168	.034914	.0014505	.0017982	.0014937	.017114
%RSD	.0726608	.6760061	.4038979	.3603326	.9175951	.5127641	.5770570
#1	.1890999	.1933803	8.629596	.4036398	.1939219	.2896676	2.965203
#2	.1889253	.1949974	8.619075	.4008895	.1966755	.2916372	2.949015
#3	.1891964	.1959890	8.684118	.4030635	.1973022	.2925976	2.983228

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2206660	2.425931	.4898202	.0725965	310.7105	.2895875	.2777064
Stddev	.0015616	.015972	.0039856	.0001152	5.2532	.0022333	.0009897
%RSD	.7076945	.6583843	.8136868	.1587004	1.690711	.7711838	.3563755
#1	.2200162	2.436792	.4855243	.0724775	306.0685	.2870634	.2788043
#2	.2195342	2.407592	.4905386	.0726047	309.6498	.2903918	.2774322
#3	.2224476	2.433410	.4933978	.0727075	316.4131	.2913071	.2768828

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.22734	.2764221	.4012346	.6802892	.1889453	1.379887	5.978197
Stddev	.02794	.0006874	.0020955	.0042340	.0010657	.017802	.040697
%RSD	.2731582	.2486650	.5222679	.6223886	.5640339	1.290070	.6807595
#1	10.21298	.2771268	.3988345	.6759427	.1884716	1.364518	5.937845
#2	10.20951	.2757536	.4027008	.6805239	.1881986	1.375751	5.977516
#3	10.25954	.2763859	.4021685	.6844010	.1901658	1.399393	6.019231

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: Q1547-05A Acquired: 3/13/2025 17:38:38 Type: Unk
Method: NON EPA-6010-200.7(v2806) 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	.2912400	.1874482	.2314363
Stddev	.0063610	.0002733	.0009829
%RSD	2.184112	.1458141	.4247046
#1	.2869222	.1872562	.2304579
#2	.2882531	.1873272	.2314273
#3	.2985448	.1877611	.2324237

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3332.774	72962.00	14974.87	2158.487	4416.640
Stddev	18.784	342.59	64.06	7.818	31.838
%RSD	.5636280	.4695420	.4277693	.3621992	.7208620
#1	3351.576	72856.22	14979.87	2151.900	4446.326
#2	3332.740	73345.00	15036.29	2167.127	4420.577
#3	3314.008	72684.78	14908.46	2156.436	4383.016

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: Q1547-10 Acquired: 3/13/2025 17:42:48 Type: Unk
Method: NON EPA-6010-200.7(v2806) 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	-.001476	-.004217	.0129484	.0033742	.0009026	.0203576	.2650763
Stddev	.002350	.001986	.0016847	.0009776	.0008079	.0039406	.0006083
%RSD	159.2178	47.09916	13.01117	28.97132	89.51191	19.35705	.2294933
#1	-.001328	-.005968	.0142501	.0029741	.0005818	.0241980	.2649918
#2	.000797	-.004625	.0135495	.0044884	.0003043	.0205508	.2657225
#3	-.003897	-.002059	.0110456	.0026602	.0018216	.0163239	.2645147

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000009	.0001161	11.22772	-.000079	.0153508	.0116022	1.403295
Stddev	.000013	.0000445	.01271	.000167	.0002448	.0003225	.005320
%RSD	143.2805	38.29374	.1131789	210.5415	1.594453	2.779530	.3791134
#1	.000003	.0001671	11.23633	.000010	.0152598	.0116404	1.407969
#2	-.000007	.0000855	11.21312	-.000273	.0156280	.0112624	1.404411
#3	-.000022	.0000957	11.23370	.000024	.0151646	.0119040	1.397506

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3676692	.6166513	.0037323	-.000135	316.6692	.0015856	.0853280
Stddev	.0002794	.0125569	.0003991	.000244	4.9896	.0009242	.0002517
%RSD	.0759820	2.036304	10.69322	180.9761	1.575661	58.28986	.2949723
#1	.3678330	.6092688	.0033322	.000142	321.0825	.0007325	.0850504
#2	.3673466	.6311500	.0037343	-.000316	317.6701	.0014567	.0855413
#3	.3678280	.6095352	.0041304	-.000230	311.2550	.0025675	.0853923

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9165102	.0308125	-.000002	-.001309	.0008983	.8082710	.0097488
Stddev	.0170686	.0003518	.000198	.000359	.0002631	.0094446	.0030642
%RSD	1.862348	1.141598	12039.96	27.46419	29.29056	1.168492	31.43164
#1	.9104422	.0306746	-.000224	-.001677	.0010677	.8073207	.0096132
#2	.9033046	.0305505	.000064	-.001290	.0005952	.8181548	.0128786
#3	.9357837	.0312123	.000155	-.000959	.0010322	.7993375	.0067546

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: Q1547-10 Acquired: 3/13/2025 17:42:48 Type: Unk
Method: NON EPA-6010-200.7(v2806) 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	.3950351	-.001895	.0793749
Stddev	.0026865	.000878	.0000804
%RSD	.6800765	46.35003	.1012266
#1	.3976106	-.002555	.0794356
#2	.3922498	-.000898	.0794052
#3	.3952448	-.002232	.0792838

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3314.798	71850.90	14515.51	2131.317	4415.137
Stddev	3.402	450.19	15.36	12.406	9.888
%RSD	.1026265	.6265620	.1057964	.5820611	.2239616
#1	3317.711	71743.58	14529.57	2119.854	4415.663
#2	3311.059	71464.07	14499.12	2129.609	4404.996
#3	3315.624	72345.06	14517.83	2144.488	4424.751

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: Q1552-05 Acquired: 3/13/2025 17:47:14 Type: Unk
Method: NON EPA-6010-200.7(v2806) 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	.0065243	-.002203	.0171192	.0016177	.0029561	.0892956	.5991115
Stddev	.0027373	.000914	.0008813	.0007334	.0016303	.0047909	.0011874
%RSD	41.95546	41.48921	5.148008	45.33816	55.14842	5.365179	.1981853
#1	.0090103	-.003090	.0161540	.0007808	.0024748	.0838863	.5996446
#2	.0069718	-.002255	.0178811	.0021487	.0047728	.0930038	.5999388
#3	.0035909	-.001264	.0173224	.0019235	.0016207	.0909966	.5977510

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001268	-.000863	12.96602	.0003235	.0018501	.0192508	12.24144
Stddev	.0000265	.000060	.01768	.0003165	.0001585	.0000132	.04494
%RSD	20.93790	6.891746	.1363639	97.81453	8.565060	.0684130	.3671527
#1	.0001563	-.000923	12.95709	.0006773	.0019931	.0192655	12.29157
#2	.0001192	-.000804	12.98639	.0000675	.0018773	.0192403	12.22803
#3	.0001048	-.000862	12.95459	.0002258	.0016797	.0192466	12.20473

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2256814	4.435617	.0029199	.0003008	340.3673	.0029253	.2847634
Stddev	.0006634	.041410	.0004419	.0005018	2.1381	.0012995	.0011995
%RSD	.2939445	.9335734	15.13525	166.8495	.6281888	44.42206	.4212201
#1	.2260495	4.415710	.0024650	-.000047	338.1237	.0014862	.2845928
#2	.2260790	4.483221	.0033476	.000876	342.3814	.0032769	.2860391
#3	.2249155	4.407920	.0029470	.000074	340.5969	.0040128	.2836584

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.971155	.1473849	.0000203	-.001819	.0024593	1.178881	.1430528
Stddev	.012690	.0006097	.0001869	.000492	.0001681	.007422	.0005261
%RSD	.4271168	.4136668	919.7099	27.04650	6.837493	.6295741	.3677344
#1	2.981942	.1476838	-.000132	-.001909	.0025553	1.187451	.1436600
#2	2.974351	.1477874	-.000036	-.002261	.0022651	1.174695	.1427374
#3	2.957172	.1466834	.000229	-.001289	.0025574	1.174499	.1427608

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: Q1552-05 Acquired: 3/13/2025 17:47:14 Type: Unk
Method: NON EPA-6010-200.7(v2806) 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	.6568495	.0033785	.1127152
Stddev	.0063565	.0003501	.0004829
%RSD	.9677231	10.36353	.4284580
#1	.6511051	.0037666	.1131441
#2	.6557647	.0032826	.1128095
#3	.6636785	.0030864	.1121921

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3281.737	71845.75	15035.45	2104.045	4377.629
Stddev	23.833	110.53	87.35	5.906	22.423
%RSD	.7262273	.1538484	.5809370	.2806863	.5122079
#1	3300.428	71777.69	15089.77	2097.228	4392.404
#2	3289.884	71786.28	14934.69	2107.610	4388.655
#3	3254.899	71973.29	15081.89	2107.296	4351.829

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: PB167117BL Acquired: 3/13/2025 17:51:38 Type: Unk
Method: NON EPA-6010-200.7(v2806) 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	.0002026	.0007802	.0004670	.0013533	.0019466	-.006017	.0022761
Stddev	.0024422	.0023288	.0008029	.0020450	.0002752	.004070	.0019383
%RSD	1205.555	298.4709	171.9201	151.1039	14.13778	67.64652	85.15835
#1	-.002595	.0029481	.0012246	.0025787	.0021575	-.006957	.0003452
#2	.001908	-.001682	.0005512	-.001007	.0020470	-.001559	.0022615
#3	.001295	.001074	-.000375	.002489	.0016353	-.009535	.0042218

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000351	.0000627	-.003878	.0002241	.0001068	.0000847	.0023057
Stddev	.0000344	.0000725	.013588	.0002275	.0001004	.0002176	.0023236
%RSD	98.21450	115.6086	350.4104	101.4835	94.02358	256.7953	100.7755
#1	-.000003	.0000499	-.004134	.0004867	.0000832	.0002066	.0007031
#2	.000043	.0001407	.009837	.0000870	.0002168	.0002140	.0012434
#3	.000065	-.000003	-.017335	.0000987	.0000202	-.000166	.0049705

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000601	.0061467	-.000131	.0000069	.2191507	-.000444	-.001136
Stddev	.000136	.0070259	.000093	.0004202	.0239567	.001115	.000378
%RSD	22.72866	114.3039	70.55634	6070.931	10.93163	251.1875	33.29589
#1	-.000544	.0009451	-.000207	.0004493	.2046980	.000663	-.001287
#2	-.000501	.0033557	-.000159	-.000387	.2468041	-.001565	-.000705
#3	-.000756	.0141392	-.000028	-.000042	.2059499	-.000429	-.001414

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1057200	-.004164	.0000155	-.001340	.0006875	-.003753	-.003826
Stddev	.0128872	.000560	.0000406	.000395	.0004450	.002235	.001006
%RSD	12.18990	13.43631	261.0540	29.47277	64.72675	59.55941	26.30264
#1	.0923834	-.004810	.0000097	-.001016	.0006543	-.001439	-.003756
#2	.1181050	-.003848	-.000022	-.001224	.0002600	-.005901	-.002857
#3	.1066717	-.003835	.000059	-.001780	.0011481	-.003920	-.004866

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: PB167117BL Acquired: 3/13/2025 17:51:38 Type: Unk
Method: NON EPA-6010-200.7(v2806) 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	-.001668	.0050715	-.000051
Stddev	.003015	.0005799	.000067
%RSD	180.7929	11.43367	132.8273
#1	-.003585	.0046129	-.000093
#2	.001808	.0048782	-.000086
#3	-.003227	.0057233	.000027

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3442.256	75017.49	14299.24	2198.246	4981.174
Stddev	26.034	227.09	56.77	10.024	33.301
%RSD	.7563199	.3027156	.3970086	.4560077	.6685332
#1	3460.057	75003.57	14354.23	2191.102	5008.733
#2	3454.335	74797.67	14302.65	2193.932	4990.617
#3	3412.376	75251.21	14240.84	2209.705	4944.171

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: PB167117BS Acquired: 3/13/2025 17:55:58 Type: Unk
Method: NON EPA-6010-200.7(v2806) 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	.7915988	1.969029	.9639414	1.917598	.7791807	1.881172
Stddev	.0023670	.010462	.0028571	.008878	.0057612	.007330
%RSD	.2990178	.5313524	.2963933	.4629503	.7393895	.3896592
#1	.7901028	1.979217	.9614438	1.910513	.7765056	1.889323
#2	.7903658	1.958312	.9633236	1.914726	.7752433	1.875122
#3	.7943278	1.969560	.9670568	1.927556	.7857930	1.879072

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1768342	.2103217	.1918852	.9809289	.4071497	.1933373
Stddev	.0012133	.0019895	.0005856	.0078170	.0007045	.0007390
%RSD	.6861455	.9459343	.3051901	.7968953	.1730202	.3822288
#1	.1781222	.2121099	.1914703	.9891518	.4063363	.1927412
#2	.1757127	.2081787	.1916302	.9735936	.4075632	.1931066
#3	.1766678	.2106766	.1925551	.9800414	.4075495	.1941641

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3039258	2.703886	.1911803	1.922416	.4861262	.0742940
Stddev	.0018646	.015876	.0008023	.012994	.0021139	.0002342
%RSD	.6134936	.5871459	.4196487	.6759262	.4348452	.3152758
#1	.3026845	2.691756	.1921002	1.937322	.4843242	.0744693
#2	.3030229	2.721854	.1908151	1.913475	.4856015	.0740280
#3	.3060699	2.698047	.1906256	1.916452	.4884531	.0743848

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.563249	.2841139	.1986337	8.535070	.2964622	.3968197
Stddev	.010065	.0008028	.0013191	.093072	.0025137	.0014581
%RSD	.3926812	.2825746	.6640611	1.090470	.8478813	.3674397
#1	2.574362	.2833799	.1974732	8.430665	.2993626	.3960770
#2	2.560637	.2839904	.1983597	8.609345	.2949154	.3958825
#3	2.554746	.2849713	.2000682	8.565199	.2951086	.3984996

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: PB167117BS Acquired: 3/13/2025 17:55:58 Type: Unk
Method: NON EPA-6010-200.7(v2806) 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	.6827311	.1861890	F .7200973	5.669972	F -.012793	.1894475
Stddev	.0026389	.0005913	.0088082	.022149	.001121	.0006043
%RSD	.3865149	.3175847	1.223197	.3906314	8.760268	.3189996
#1	.6807695	.1864352	.7111301	5.657505	-.012709	.1901453
#2	.6816926	.1855144	.7287374	5.656867	-.013954	.1890927
#3	.6857312	.1866174	.7204245	5.695545	-.011717	.1891046

Elem	Sr4077
Units	ppm
Avg	.1820682
Stddev	.0005008
%RSD	.2750717
#1	.1826421
#2	.1818424
#3	.1817200

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3448.328	75706.46	14094.24	2223.248	4855.039
Stddev	7.357	149.13	121.96	10.576	5.520
%RSD	.2133536	.1969897	.8652846	.4757170	.1137027
#1	3445.896	75878.04	13968.58	2228.381	4855.738
#2	3456.593	75633.34	14212.12	2230.279	4860.177
#3	3442.494	75607.99	14102.02	2211.085	4849.203

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: Q1545-01DLX5 Acquired: 3/13/2025 17:59:59 Type: Unk
Method: NON EPA-6010-200.7(v2806) 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	.0170219	.0024836	.0144592	-.002638	-.000346	9.011489
Stddev	.0020997	.0012610	.0012113	.003394	.001172	.006207
%RSD	12.33504	50.77245	8.377577	128.6772	338.8989	.0688825
#1	.0178856	.0013724	.0155622	.000368	-.001282	9.008279
#2	.0185520	.0038540	.0146528	-.006318	.000969	9.007544
#3	.0146281	.0022242	.0131628	-.001962	-.000725	9.018644

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0921931	.0000863	-.001258	34.91364	.0271494	.0073963
Stddev	.0009436	.0000329	.000049	.06975	.0001865	.0002136
%RSD	1.023498	38.06508	3.883007	.1997810	.6869212	2.888532
#1	.0929442	.0000746	-.001254	34.89520	.0272833	.0076395
#2	.0911340	.0001234	-.001308	34.85495	.0269364	.0072391
#3	.0925011	.0000609	-.001211	34.99075	.0272285	.0073102

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0309426	36.93689	9.924113	14.80785	.0136921	-.000722
Stddev	.0006333	.31811	.033317	.03720	.0004416	.000235
%RSD	2.046597	.8612376	.3357132	.2512248	3.225447	32.50173
#1	.0311913	36.60500	9.916204	14.80099	.0131824	-.000969
#2	.0302227	36.96650	9.895464	14.77456	.0139333	-.000695
#3	.0314137	37.23916	9.960673	14.84800	.0139607	-.000502

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	386.5274	.0216014	.0718662	2.723940	-.047564	.0006928
Stddev	3.5252	.0011359	.0005519	.048148	.001901	.0002076
%RSD	.9120271	5.258249	.7679601	1.767592	3.996508	29.96530
#1	384.5733	.0215025	.0715897	2.671768	-.049686	.0009029
#2	384.4120	.0205182	.0725017	2.733388	-.046991	.0004878
#3	390.5969	.0227834	.0715071	2.766663	-.046015	.0006876

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: Q1545-01DLX5 Acquired: 3/13/2025 17:59:59 Type: Unk
Method: NON EPA-6010-200.7(v2806) 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	-.001898	.1856285	F 11.83799	.4088863	1.036876	.0262526
Stddev	.000271	.0007611	.08257	.0049381	.000951	.0003427
%RSD	14.29878	.4100035	.6975076	1.207685	.0917025	1.305339
#1	-.002074	.1856004	11.74394	.4138808	1.037624	.0264353
#2	-.001586	.1848818	11.89857	.4040067	1.035806	.0258573
#3	-.002034	.1864032	11.87145	.4087713	1.037199	.0264653

Elem	Sr4077
Units	ppm
Avg	.1472532
Stddev	.0006539
%RSD	.4440487
#1	.1468921
#2	.1468596
#3	.1480080

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3271.172	70599.06	14072.54	2135.785	4128.296
Stddev	15.973	255.92	45.47	11.047	16.552
%RSD	.4883032	.3624924	.3231457	.5172305	.4009316
#1	3258.229	70889.53	14024.36	2147.831	4118.775
#2	3289.023	70500.87	14114.71	2133.395	4147.408
#3	3266.262	70406.77	14078.54	2126.129	4118.705

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: Q1488-13DLX10 Acquired: 3/13/2025 18:04:21 Type: Unk
Method: NON EPA-6010-200.7(v2806) 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	.1022843	.0223009	2.571095	-.050084	-.013178	284.7247
Stddev	.0017292	.0041504	.007901	.003013	.002530	.1135
%RSD	1.690601	18.61102	.3072862	6.015337	19.19993	.0398609
#1	.1041675	.0257956	2.565552	-.046697	-.014999	284.6056
#2	.1007679	.0233937	2.567591	-.052465	-.010289	284.8316
#3	.1019176	.0177134	2.580141	-.051089	-.014248	284.7370

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5233256	.0217035	.0402230	57.42780	.5574380	.3451633
Stddev	.0006985	.0000845	.0004275	.15995	.0025622	.0009757
%RSD	.1334705	.3893074	1.062766	.2785251	.4596355	.2826913
#1	.5236591	.0216546	.0397310	57.38922	.5547023	.3441247
#2	.5225229	.0216549	.0404343	57.29066	.5578302	.3453043
#3	.5237949	.0218011	.0405037	57.60351	.5597815	.3460608

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.824043	350.6715	12.69073	86.13104	.7479633	-.003961
Stddev	.012923	1.0768	.04038	.37665	.0025189	.000276
%RSD	.2678863	.3070723	.3181532	.4373045	.3367620	6.971453
#1	4.812596	349.4983	12.67626	85.84704	.7452929	-.004088
#2	4.821475	350.9013	12.65958	85.98779	.7483002	-.004151
#3	4.838056	351.6149	12.73634	86.55831	.7502967	-.003644

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	22.24047	.4492488	8.696345	29.93002	-.353234	.0206279
Stddev	.07908	.0013519	.029396	.11696	.001677	.0002494
%RSD	.3555560	.3009268	.3380319	.3907807	.4747067	1.209221
#1	22.15296	.4487370	8.717193	29.79779	-.355023	.0207882
#2	22.30679	.4482276	8.709120	30.01993	-.351699	.0207549
#3	22.26168	.4507820	8.662723	29.97235	-.352980	.0203405

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: Q1488-13DLX10 Acquired: 3/13/2025 18:04:21 Type: Unk
Method: NON EPA-6010-200.7(v2806) 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	.0214499	1.234721	7.717380	F 18.48676	F 87.48469	.5545051
Stddev	.0025542	.000455	.114995	.06523	.46598	.0005815
%RSD	11.90768	.0368563	1.490077	.3528220	.5326435	.1048614
#1	.0238381	1.234335	7.589902	18.42637	87.04349	.5544155
#2	.0187571	1.234604	7.748938	18.47800	87.43856	.5539736
#3	.0217547	1.235223	7.813302	18.55593	87.97202	.5551261

Elem	Sr4077
Units	ppm
Avg	.4112732
Stddev	.0008092
%RSD	.1967433
#1	.4110322
#2	.4106120
#3	.4121755

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4552.144	97889.61	21138.50	2939.536	4025.720
Stddev	8.663	271.96	39.06	8.550	14.371
%RSD	.1903111	.2778246	.1847714	.2908662	.3569917
#1	4558.801	98201.88	21138.88	2942.275	4038.961
#2	4555.283	97704.73	21177.37	2929.951	4027.762
#3	4542.349	97762.21	21099.26	2946.380	4010.436

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: Q1514-07DLX10 Acquired: 3/13/2025 18:08:39 Type: Unk
Method: NON EPA-6010-200.7(v2806) 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	.0862058	.0064891	26.93084	-.031791	-.003453	103.2196
Stddev	.0036085	.0020533	.04572	.003922	.001252	.0756
%RSD	4.185907	31.64200	.1697795	12.33763	36.26275	.0732881
#1	.0890827	.0045043	26.90652	-.030398	-.003646	103.1848
#2	.0821570	.0086046	26.98358	-.036220	-.002116	103.3063
#3	.0873776	.0063584	26.90241	-.028756	-.004598	103.1675

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.496819	.0087592	.0076460	564.7645	.3202701	.1395883
Stddev	.002441	.0000907	.0000646	5.0496	.0005047	.0006689
%RSD	.1630600	1.035199	.8445012	.8941072	.1575845	.4792035
#1	1.496461	.0087619	.0075768	563.8417	.3200415	.1390928
#2	1.499418	.0086673	.0076567	560.2399	.3208487	.1403492
#3	1.494576	.0088486	.0077046	570.2118	.3199203	.1393229

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.700912	247.3903	4.825668	54.93974	.4562169	-.002149
Stddev	.003245	.6480	.011235	.18768	.0010667	.000417
%RSD	.0690259	.2619169	.2328095	.3416097	.2338138	19.39812
#1	4.697550	247.4296	4.824119	54.93940	.4553863	-.002606
#2	4.704025	248.0177	4.815288	54.75224	.4574199	-.002054
#3	4.701161	246.7236	4.837597	55.12760	.4558446	-.001788

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.49326	.2929330	6.410060	22.25902	-.145706	.0089791
Stddev	.07869	.0026510	.032840	.15797	.010211	.0001093
%RSD	.5429404	.9049732	.5123256	.7096987	7.007671	1.216702
#1	14.55383	.2932502	6.396969	22.25792	-.140621	.0091030
#2	14.52161	.2901377	6.447427	22.41754	-.139037	.0089375
#3	14.40432	.2954110	6.385784	22.10160	-.157461	.0088968

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: Q1514-07DLX10 Acquired: 3/13/2025 18:08:39 Type: Unk
Method: NON EPA-6010-200.7(v2806) 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	.0423719	3.253808	F 18.40142	7.203053	F 55.29131	.1680698
Stddev	.0008652	.004714	.07705	.029888	.12953	.0014155
%RSD	2.041947	.1448818	.4187181	.4149340	.2342682	.8421837
#1	.0413931	3.254518	18.33836	7.211804	55.34307	.1666120
#2	.0430345	3.248779	18.48731	7.227588	55.38696	.1694387
#3	.0426881	3.258127	18.37860	7.169766	55.14391	.1681585

Elem	Sr4077
Units	ppm
Avg	1.548391
Stddev	.007528
%RSD	.4861739
#1	1.545969
#2	1.556831
#3	1.542371

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3426.250	74900.53	15603.49	2196.010	3879.085
Stddev	8.005	181.41	47.35	9.732	10.430
%RSD	.2336384	.2421959	.3034707	.4431565	.2688665
#1	3435.122	74893.59	15607.79	2198.366	3888.499
#2	3419.566	74722.70	15648.55	2185.316	3867.874
#3	3424.062	75085.31	15554.14	2204.348	3880.881

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: CCV07 Acquired: 3/13/2025 18:12:58 Type: Unk
Method: NON EPA-6010-200.7(v2806) 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	**5.254388**	**5.221212**	**5.332944**	**5.179713**	**5.162615**	**10.18104**
Stddev	.048924	.044526	.041213	.040368	.050289	.06042
%RSD	.9311049	.8527958	.7727917	.7793568	.9740994	.5934582
#1	5.197991	5.177267	5.285666	5.134139	5.104596	10.11517
#2	5.279750	5.220071	5.351888	5.194026	5.189564	10.23388
#3	5.285424	5.266297	5.361279	5.210976	5.193687	10.19408

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**9.962327**	**.2672721**	**2.640300**	**25.76465**	**1.087808**	**2.615391**
Stddev	.060391	.0008855	.021218	.14461	.012822	.020552
%RSD	.6061921	.3312967	.8036072	.5612644	1.178697	.7857998
#1	10.00761	.2664202	2.615805	25.60074	1.073566	2.591745
#2	9.89376	.2672085	2.652100	25.87422	1.098434	2.625479
#3	9.98561	.2681877	2.652994	25.81898	1.091424	2.628950

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.306956**	**5.150240**	**2.544194**	**26.05334**	**2.617499**	**1.313131**
Stddev	.010507	.065874	.019611	.07392	.022838	.012119
%RSD	.8039464	1.279038	.7708143	.2837142	.8725118	.9228858
#1	1.294839	5.075627	2.521549	25.96955	2.591134	1.300059
#2	1.312469	5.200355	2.555535	26.08113	2.631178	1.323991
#3	1.313559	5.174737	2.555499	26.10933	2.630185	1.315344

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**24.66040**	**2.570958**	**2.595571**	**25.00401**	**5.246646**	**5.216289**
Stddev	.42158	.018422	.029200	.42589	.013967	.044314
%RSD	1.709558	.7165549	1.124992	1.703298	.2662081	.8495342
#1	24.19484	2.550475	2.564434	24.55443	5.234129	5.165403
#2	25.01635	2.576229	2.622342	25.40141	5.244098	5.237075
#3	24.77001	2.586170	2.599937	25.05618	5.261712	5.246389

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: CCV07 Acquired: 3/13/2025 18:12:58 Type: Unk
Method: NON EPA-6010-200.7(v2806) 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	5.313756	5.052778	F 5.519977	5.319648	5.136323	4.878473
Stddev	.047327	.033179	.068772	.041890	.048683	.045993
%RSD	.8906497	.6566519	1.245870	.7874668	.9478087	.9427808
#1	5.259250	5.014857	5.443314	5.271430	5.080244	4.826468
#2	5.344424	5.076470	5.576242	5.340427	5.161001	4.913803
#3	5.337594	5.067006	5.540376	5.347088	5.167724	4.895147

Elem	Sr4077
Units	ppm
Avg	5.119384
Stddev	.020533
%RSD	.4010807
#1	5.108787
#2	5.106315
#3	5.143051

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3272.996	71055.81	14168.57	2078.755	4369.971
Stddev	22.191	646.02	33.00	24.128	27.584
%RSD	.6779892	.9091739	.2328852	1.160690	.6312094
#1	3298.608	71761.75	14189.73	2102.833	4401.748
#2	3259.525	70494.09	14185.42	2054.577	4352.208
#3	3260.855	70911.59	14130.55	2078.856	4355.957

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: CCB07 Acquired: 3/13/2025 18:35:44 Type: Unk
Method: NON EPA-6010-200.7(v2807) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB07 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003443	.0003873	.0004767	.0010832	.0009277	.0350891
Stddev	.001522	.0010169	.0011112	.0006958	.0011556	.0040293
%RSD	44.18568	262.5499	233.0825	64.24095	124.5647	11.48295
#1	-.001789	-.000784	.0013632	.0016384	-.000085	.0397410
#2	-.004782	.000907	-.000770	.0013085	.000682	.0326926
#3	-.003760	.001039	.000837	.0003026	.002186	.0328338

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0009465	-.000005	-.000065	.0096253	.0004963	.0000982
Stddev	.0007017	.000044	.000039	.0041656	.0003809	.0002168
%RSD	74.13561	908.8259	59.75856	43.27812	76.74513	220.8872
#1	.0001611	-.000019	-.000047	.0075401	.0000592	.0002414
#2	.0011665	.000044	-.000109	.0069141	.0007567	.0002043
#3	.0015117	-.000040	-.000038	.0144218	.0006731	-.000151

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006039	.0456432	.0021504	.0204709	.0001640	.0002486
Stddev	.0000675	.0042720	.0002479	.0072105	.0001245	.0001780
%RSD	11.17303	9.359586	11.52942	35.22341	75.93418	71.61901
#1	.0006447	.0494763	.0024350	.0283610	.0001322	.0002498
#2	.0005260	.0464157	.0020348	.0188283	.0000585	.0000700
#3	.0006409	.0410377	.0019814	.0142233	.0003013	.0004261

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0744459	.0009945	.0003660	.0630431	-.002452	-.000039
Stddev	.0171228	.0016565	.0000626	.0349635	.001099	.000028
%RSD	23.00033	166.5562	17.09595	55.45966	44.80499	71.70239
#1	.0688591	.0024193	.0004345	.0341530	-.003379	-.000007
#2	.0608144	.0013873	.0003118	.0530655	-.001238	-.000059
#3	.0936644	-.000823	.0003516	.1019108	-.002739	-.000049

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: CCB07 Acquired: 3/13/2025 18:35:44 Type: Unk
Method: NON EPA-6010-200.7(v2807) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB07 Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001294	.0018077	.0196236	-.003213	F .0105764	.0008358
Stddev	.000539	.0002666	.0016630	.001477	.0008338	.0008751
%RSD	41.61524	14.74733	8.474342	45.97745	7.883200	104.7094
#1	-.001272	.0021123	.0214618	-.004825	.0099689	.0000585
#2	-.001844	.0016167	.0191852	-.001924	.0115269	.0006652
#3	-.000767	.0016941	.0182237	-.002890	.0102333	.0017837

Elem	Sr4077
Units	ppm
Avg	.0000199
Stddev	.0000249
%RSD	125.3220
#1	.0000242
#2	.0000424
#3	-.000007

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3465.809	74589.02	14297.03	2176.017	5038.206
Stddev	16.453	86.96	33.31	13.109	24.663
%RSD	.4747272	.1165853	.2329689	.6024396	.4895245
#1	3446.816	74593.82	14274.26	2169.146	5009.920
#2	3474.902	74673.49	14335.26	2191.134	5049.486
#3	3475.708	74499.77	14281.57	2167.772	5055.213

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: Q1488-13 Acquired: 3/13/2025 18:39:38 Type: Unk
Method: NON EPA-6010-200.7(v2770) 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	.3270694	-.033025	21.41415	-.263034	-.031657	781.4163
Stddev	.0031190	.007077	.05015	.002856	.001060	6.3263
%RSD	.9536128	21.42799	.2341727	1.085640	3.349443	.8095964
#1	.3276556	-.038157	21.47109	-.263092	-.032474	786.0940
#2	.3298537	-.035966	21.37656	-.265860	-.032037	783.9368
#3	.3236989	-.024952	21.39481	-.260150	-.030458	774.2183

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.437383	.0594507	1.075739	145.9756	1.428332	2.923285
Stddev	.022814	.0002198	.002333	1.3147	.002996	.006093
%RSD	.6637140	.3696677	.2168600	.9006635	.2097587	.2084450
#1	3.429059	.0595922	1.078389	146.5083	1.426276	2.928243
#2	3.419900	.0595625	1.073998	146.9404	1.431770	2.916483
#3	3.463191	.0591975	1.074829	144.4781	1.426951	2.925129

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.88596	761.5116	29.60540	219.2043	5.885835	^ *****
Stddev	.01148	.6561	.02656	.7846	.016053	-----
%RSD	.0965639	.0861624	.0897297	.3579284	.2727395	-----
#1	11.89438	760.8596	29.58664	220.0967	5.902078	^ -----
#2	11.89061	762.1718	29.63580	218.6228	5.869979	^ -----
#3	11.87289	761.5036	29.59377	218.8934	5.885448	^ -----

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	81.02651	1.141432	8.949270	105.9974	^ *****	.0576410
Stddev	.34721	.000680	.034570	.4467	-----	.0004293
%RSD	.4285129	.0595390	.3862850	.4213820	-----	.7448334
#1	81.35046	1.141694	8.948039	106.0247	^ -----	.0576574
#2	81.06911	1.140661	8.915333	106.4298	^ -----	.0572037
#3	80.65997	1.141942	8.984439	105.5377	^ -----	.0580618

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: Q1488-13 Acquired: 3/13/2025 18:39:38 Type: Unk
Method: NON EPA-6010-200.7(v2770) 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	.1835505	3.277685	F 32.81593	F 145.4242	F 692.9766	1.624255
Stddev	.0048991	.004977	.13562	.4634	1.9244	.002916
%RSD	2.669069	.1518381	.4132840	.3186405	.2776968	.1795067
#1	.1779851	3.282186	32.68086	145.9374	695.0706	1.624150
#2	.1872110	3.272340	32.81481	145.2989	692.5735	1.627222
#3	.1854556	3.278529	32.95210	145.0364	691.2857	1.621393

Elem	Sr4077
Units	ppm
Avg	1.142834
Stddev	.002304
%RSD	.2015772
#1	1.145275
#2	1.142529
#3	1.140698

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	10888.31	250594.6	62969.35	6941.948	2862.922
Stddev	8.58	73.6	213.05	25.582	7.556
%RSD	.0787597	.0293809	.3383423	.3685131	.2639273
#1	10879.16	250627.5	62782.97	6917.985	2854.782
#2	10889.60	250510.3	62923.49	6968.889	2869.713
#3	10896.16	250646.1	63201.60	6938.970	2864.270

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: Q1514-07 Acquired: 3/13/2025 18:44:46 Type: Unk
Method: NON EPA-6010-200.7(v2770) 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	.5439785	-.083497	F 241.6701	-.272098	-.011694	607.5722
Stddev	.0033924	.004582	1.0146	.003927	.002788	7.1166
%RSD	.6236308	5.487869	.4198183	1.443187	23.83973	1.171312
#1	.5433965	-.085424	241.8076	-.269910	-.009418	615.2494
#2	.5476242	-.078266	240.5938	-.269752	-.014804	606.2716
#3	.5409147	-.086802	242.6089	-.276631	-.010861	601.1957

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.07703	.0475851	.4795052	F 2560.086	1.519981	1.313382
Stddev	.08283	.0001073	.0029304	14.691	.005200	.003976
%RSD	.5884360	.2253934	.6111251	.5738460	.3421333	.3027394
#1	14.00671	.0475380	.4808674	2563.716	1.515875	1.313734
#2	14.05605	.0475094	.4761417	2543.920	1.525829	1.309242
#3	14.16834	.0477078	.4815065	2572.621	1.518239	1.317171

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	22.66240	F 1115.970	23.67159	279.0531	3.951546	^ *****
Stddev	.03700	3.314	.21874	1.2945	.017125	-----
%RSD	.1632795	.2969617	.9240444	.4638946	.4333860	-----
#1	22.64464	1114.137	23.45971	279.2198	3.951784	^ -----
#2	22.63763	1119.795	23.89659	277.6832	3.934302	^ -----
#3	22.70494	1113.978	23.65845	280.2561	3.968551	^ -----

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	100.2919	1.482029	18.26090	152.1861	^ *****	.0495992
Stddev	.4556	.012682	.09444	.3397	-----	.0003859
%RSD	.4542437	.8557162	.5171693	.2231854	-----	.7780140
#1	99.9145	1.478856	18.28238	151.8888	^ -----	.0496400
#2	100.1632	1.471235	18.34276	152.1132	^ -----	.0499631
#3	100.7980	1.495996	18.15758	152.5563	^ -----	.0491946

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: Q1514-07 Acquired: 3/13/2025 18:44:46 Type: Unk
Method: NON EPA-6010-200.7(v2770) 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	.3947380	F 17.11657	F 129.8402	F 72.75713	F 537.6080	1.053862
Stddev	.0065202	.10482	.3042	.38230	2.4824	.002753
%RSD	1.651776	.6123847	.2343038	.5254530	.4617491	.2612256
#1	.3965038	17.12576	129.4900	72.94785	538.7103	1.055109
#2	.3875168	17.00746	130.0392	72.31699	534.7654	1.050706
#3	.4001935	17.21649	129.9913	73.00656	539.3484	1.055770

Elem	Sr4077
Units	ppm
Avg	7.920092
Stddev	.053802
%RSD	.6793103
#1	7.952254
#2	7.857980
#3	7.950043

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4502.425	105300.4	24213.46	2887.906	2679.360
Stddev	2.312	309.2	79.50	27.123	4.527
%RSD	.0513474	.2936664	.3283201	.9392015	.1689594
#1	4502.928	105357.8	24154.76	2871.983	2678.231
#2	4499.903	104966.4	24303.93	2872.511	2684.345
#3	4504.443	105576.8	24181.69	2919.224	2675.505

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: Q1488-13REDLX10 Acquired: 3/13/2025 18:49:35 Type: Unk
Method: NON EPA-6010-200.7(v2770) 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	.0910011	.0243208	2.455129	-.048450	-.013600	281.8411
Stddev	.0029094	.0052299	.007811	.005036	.000662	3.9512
%RSD	3.197107	21.50400	.3181459	10.39479	4.866007	1.401922
#1	.0876463	.0187388	2.461332	-.042746	-.014132	285.1989
#2	.0925249	.0251159	2.457697	-.052283	-.012859	282.8373
#3	.0928322	.0291076	2.446357	-.050322	-.013810	277.4872

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4897239	.0211593	.0366803	55.95812	.5432403	.3299456
Stddev	.0019529	.0000052	.0008325	.05658	.0011444	.0000788
%RSD	.3987789	.0246773	2.269601	.1011191	.2106680	.0238820
#1	.4893227	.0211600	.0374780	55.97194	.5420008	.3299772
#2	.4880028	.0211641	.0367460	55.89591	.5442568	.3298559
#3	.4918463	.0211537	.0358169	56.00652	.5434633	.3300038

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.700574	341.3552	12.44633	84.40388	.7149709	-.003658
Stddev	.002195	4.1404	.01327	.10893	.0001152	.000912
%RSD	.0467014	1.212943	.1066349	.1290530	.0161086	24.93643
#1	4.703093	337.0467	12.45056	84.52846	.7148635	-.004204
#2	4.699071	341.7147	12.43145	84.35659	.7149566	-.004166
#3	4.699558	345.3041	12.45696	84.32659	.7150926	-.002605

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	21.19235	.4416939	7.774519	29.49669	-.345447	.0202737
Stddev	.17544	.0004058	.022168	.20451	.012334	.0002838
%RSD	.8278393	.0918782	.2851350	.6933219	3.570474	1.400085
#1	21.03078	.4414771	7.748985	29.29055	-.358421	.0200070
#2	21.16730	.4421620	7.785733	29.50001	-.344049	.0202422
#3	21.37896	.4414424	7.788839	29.69953	-.333872	.0205720

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: Q1488-13REDLX10 Acquired: 3/13/2025 18:49:35 Type: Unk
Method: NON EPA-6010-200.7(v2770) 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	.0204742	1.362363	F 13.91823	F 17.65106	F 83.41607	.5295140
Stddev	.0006040	.012881	.03254	.03115	.08489	.0015311
%RSD	2.950004	.9454809	.2337716	.1764757	.1017693	.2891590
#1	.0208700	1.371478	13.88272	17.61590	83.48390	.5277470
#2	.0207737	1.347627	13.92538	17.66210	83.32087	.5304499
#3	.0197790	1.367986	13.94660	17.67519	83.44345	.5303451

Elem	Sr4077
Units	ppm
Avg	.4004432
Stddev	.0003872
%RSD	.0966801
#1	.4000249
#2	.4005159
#3	.4007888

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4530.827	97787.56	20923.61	2933.071	4079.743
Stddev	3.755	255.20	87.74	3.529	5.723
%RSD	.0828867	.2609740	.4193242	.1203011	.1402858
#1	4528.800	98073.24	20841.78	2931.667	4079.150
#2	4528.522	97707.29	20912.79	2930.460	4074.339
#3	4535.161	97582.14	21016.25	2937.085	4085.740

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: CCV08 Acquired: 3/13/2025 18:53:53 Type: Unk
Method: NON EPA-6010-200.7(v2808) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV08 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.954074	4.916991	5.057677	4.843185	4.849242	9.616900	9.389481
Stddev	.005446	.030817	.015891	.008438	.009128	.378266	.558789
%RSD	.1099254	.6267541	.3142008	.1742241	.1882300	3.933348	5.951218
#1	4.947796	4.893757	5.046436	4.835093	4.847087	9.809377	9.764979
#2	4.957522	4.905266	5.050738	4.842531	4.841385	9.860219	9.656150
#3	4.956906	4.951950	5.075858	4.851931	4.859255	9.181103	8.747314

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2597565	2.507007	24.65310	1.035846	2.480738	1.238107	4.876480
Stddev	.0076569	.006508	.90381	.029099	.005469	.002187	.116487
%RSD	2.947728	.2595795	3.666118	2.809218	.2204486	.1766504	2.388759
#1	.2643742	2.502603	25.21471	1.003668	2.479861	1.235608	4.747152
#2	.2639772	2.503935	25.13408	1.043557	2.475760	1.239674	4.909127
#3	.2509180	2.514482	23.61051	1.060313	2.486592	1.239040	4.973160

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.443400	25.20963	2.482963	1.254840	23.37048	2.459015	2.327536
Stddev	.091551	.94905	.006634	.031296	.46693	.095101	.067771
%RSD	3.746861	3.764624	.2671692	2.494051	1.997954	3.867449	2.911719
#1	2.505717	25.77493	2.477579	1.220462	22.86496	2.519754	2.262294
#2	2.486193	25.74001	2.480938	1.262383	23.46090	2.507875	2.322733
#3	2.338289	24.11395	2.490374	1.281676	23.78559	2.349416	2.397581

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.36449	5.077001	4.940286	5.026643	4.818384	5.254650	5.042939
Stddev	.54936	.156356	.003051	.013875	.177036	.133039	.012145
%RSD	2.351244	3.079686	.0617500	.2760278	3.674182	2.531833	.2408260
#1	22.74597	5.161808	4.937139	5.012777	4.935085	5.104582	5.033176
#2	23.55182	5.172629	4.940487	5.026625	4.905387	5.301236	5.039102
#3	23.79568	4.896565	4.943231	5.040527	4.614681	5.358130	5.056538

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: CCV08 Acquired: 3/13/2025 18:53:53 Type: Unk
Method: NON EPA-6010-200.7(v2808) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV08 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.845904	4.525593	4.813273
Stddev	.013137	.160347	.222117
%RSD	.2710917	3.543121	4.614676
#1	4.831138	4.628318	4.991003
#2	4.850278	4.607636	4.884549
#3	4.856295	4.340826	4.564268

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3380.544	72762.71	14308.78	2132.631	4517.331
Stddev	4.190	1778.04	493.86	45.295	2.449
%RSD	.1239559	2.443608	3.451441	2.123893	.0542236
#1	3380.524	74751.26	14001.49	2180.402	4520.119
#2	3376.363	72210.78	14046.40	2127.186	4516.350
#3	3384.743	71326.10	14878.45	2090.305	4515.524

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: CCB08 Acquired: 3/13/2025 19:03:24 Type: Unk
Method: NON EPA-6010-200.7(v2770) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB08 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000092	.0004518	.0021339	.0055212	.0024447	-.005332
Stddev	.000978	.0016741	.0009572	.0018570	.0008563	.004412
%RSD	1063.679	370.5378	44.85525	33.63331	35.02470	82.73404
#1	-.000142	.0016338	.0011033	.0075650	.0032054	-.004695
#2	-.001044	.0011855	.0029950	.0050613	.0026113	-.001274
#3	.000910	-.001464	.0023036	.0039375	.0015174	-.010028

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000616	-.000028	.0000169	.0047773	-.000021	-.000043
Stddev	.000180	.000051	.0000522	.0036864	.000051	.000278
%RSD	29.16007	183.1298	309.6760	77.16311	249.3862	653.2721
#1	-.000418	-.000033	.0000157	.0081965	-.000063	-.000357
#2	-.000664	.000025	.0000697	.0052635	.000037	.000172
#3	-.000767	-.000076	-.000035	.0008720	-.000036	.000057

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001743	.0063023	-.000898	-.001574	-.000205	.0001877
Stddev	.0002296	.0050151	.000302	.007078	.000234	.0000923
%RSD	131.7554	79.57633	33.63786	449.8214	114.1147	49.18316
#1	-.000008	.0092443	-.001091	-.008569	-.000469	.0001796
#2	.000432	.0091510	-.001054	.005585	-.000022	.0000997
#3	.000099	.0005116	-.000550	-.001736	-.000125	.0002838

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1069850	-.000087	-.000578	.1927656	-.000845	.0000736
Stddev	.0230698	.000898	.000522	.0227838	.000674	.0000205
%RSD	21.56357	1029.417	90.21552	11.81944	79.71468	27.89145
#1	.1010210	-.000302	-.000998	.1666037	-.000227	.0000535
#2	.1324512	-.000859	-.000743	.2034441	-.001564	.0000728
#3	.0874828	.000899	.000006	.2082489	-.000745	.0000946

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: CCB08 Acquired: 3/13/2025 19:03:24 Type: Unk
Method: NON EPA-6010-200.7(v2770) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB08 Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000809	.0013233	.0093764	.0040326	F .0199398	.0003083
Stddev	.000663	.0005340	.0029482	.0035225	.0041594	.0007502
%RSD	81.86392	40.35716	31.44235	87.35107	20.85990	243.3383
#1	-.000995	.0007071	.0121327	.0008092	.0160688	.0010570
#2	-.001360	.0016526	.0062680	.0034959	.0194131	.0003114
#3	-.000074	.0016101	.0097285	.0077926	.0243374	-.000443

Elem	Sr4077
Units	ppm
Avg	-.000092
Stddev	.000009
%RSD	9.944679
#1	-.000102
#2	-.000084
#3	-.000089

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3451.527	75284.95	14610.90	2194.961	5005.988
Stddev	14.366	92.91	91.72	6.918	14.724
%RSD	.4162156	.1234103	.6277184	.3151545	.2941319
#1	3456.234	75183.33	14684.26	2202.842	5017.030
#2	3435.399	75365.56	14508.07	2189.891	4989.271
#3	3462.949	75305.95	14640.37	2192.151	5011.664

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: Q1528-02 Acquired: 3/13/2025 19:07:41 Type: Unk
Method: NON EPA-6010-200.7(v2770) 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	-.149073	-.212836	-.001437	1.829123	.2127742	6.325321
Stddev	.007335	.002431	.000862	.024347	.0060443	.030784
%RSD	4.920660	1.142335	60.01080	1.331059	2.840706	.4866857
#1	-.143146	-.210919	-.000490	1.816788	.2141834	6.340031
#2	-.146796	-.215571	-.002177	1.813413	.2061497	6.345990
#3	-.157277	-.212018	-.001644	1.857169	.2179893	6.289941

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0605189	.0011754	-.002940	7.176557	.0313404	.0156083
Stddev	.0004580	.0000411	.000152	.031892	.0006391	.0005532
%RSD	.7568369	3.500901	5.177498	.4443913	2.039174	3.544373
#1	.0610476	.0012014	-.003079	7.191043	.0320312	.0157029
#2	.0602410	.0011279	-.002964	7.198635	.0307702	.0150139
#3	.0602682	.0011968	-.002778	7.139993	.0312200	.0161082

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1922920	24.90155	.1591539	2.957000	.0030853	.0026033
Stddev	.0019201	.21664	.0006150	.010454	.0004637	.0003160
%RSD	.9985298	.8699757	.3864023	.3535494	15.03092	12.13994
#1	.1923703	24.90848	.1597549	2.955938	.0036207	.0029598
#2	.1903340	25.11465	.1591810	2.947117	.0028110	.0023575
#3	.1941718	24.68154	.1585258	2.967945	.0028241	.0024925

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	198.2282	.0217398	1.471160	656.2874	.0833257	.0193196
Stddev	1.4445	.0012293	.012797	8.3469	.0017111	.0001563
%RSD	.7287202	5.654535	.8698356	1.271841	2.053546	.8089418
#1	198.9959	.0213447	1.477972	655.2540	.0847567	.0194626
#2	199.1268	.0231181	1.479109	665.1029	.0814303	.0191528
#3	196.5619	.0207567	1.456398	648.5053	.0837901	.0193433

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: Q1528-02 Acquired: 3/13/2025 19:07:41 Type: Unk
Method: NON EPA-6010-200.7(v2770) 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	.5471702	.1688857	8.076958	F 188.3940	F 27.79000	.0198811
Stddev	.0051422	.0008874	.078806	1.0483	.25477	.0003607
%RSD	.9397879	.5254451	.9756874	.5564261	.9167545	1.814475
#1	.5435004	.1695123	8.069619	188.3437	27.71867	.0199011
#2	.5449627	.1692746	8.159176	187.3718	27.57849	.0195108
#3	.5530477	.1678703	8.002077	189.4666	28.07282	.0202314

Elem	Sr4077
Units	ppm
Avg	.0333481
Stddev	.0002641
%RSD	.7918538
#1	.0336344
#2	.0332959
#3	.0331141

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2399.727	54984.81	14582.72	1518.258	3668.966
Stddev	18.940	556.29	49.96	24.987	28.702
%RSD	.7892366	1.011724	.3425663	1.645772	.7823011
#1	2399.362	55045.92	14549.13	1527.152	3663.983
#2	2418.846	54400.49	14558.91	1490.041	3699.834
#3	2380.973	55508.03	14640.13	1537.582	3643.082

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: CCV09 Acquired: 3/13/2025 19:12:00 Type: Unk
Method: NON EPA-6010-200.7(v2770) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV09 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.277354	5.019484	5.119639	5.438692	5.059522	9.647873	9.619680
Stddev	.028525	.006230	.044330	.011969	.040010	.387342	.254727
%RSD	.5405197	.1241233	.8658805	.2200627	.7907949	4.014787	2.647982
#1	5.256605	5.012786	5.082075	5.441425	5.018895	9.270086	9.441037
#2	5.265575	5.025107	5.108307	5.425594	5.060785	9.629423	9.506637
#3	5.309883	5.020558	5.168535	5.449058	5.098885	10.04411	9.911365

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2577379	2.552172	24.59379	1.067064	2.552476	1.291463	5.234706
Stddev	.0084391	.018660	.89269	.003803	.020227	.010631	.056794
%RSD	3.274287	.7311418	3.629748	.3563788	.7924633	.8231370	1.084960
#1	.2498635	2.535158	23.76479	1.064172	2.533705	1.281891	5.175206
#2	.2567039	2.549231	24.47775	1.065648	2.549824	1.289593	5.240572
#3	.2666464	2.572128	25.53883	1.071371	2.573898	1.302904	5.288340

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.449761	24.84225	2.553448	1.293416	23.52524	2.463202	2.489869
Stddev	.094091	.96501	.021228	.008455	.25692	.082930	.011572
%RSD	3.840839	3.884535	.8313514	.6537306	1.092101	3.366737	.4647573
#1	2.357463	23.89653	2.532909	1.287263	23.28853	2.380216	2.476980
#2	2.446272	24.80477	2.552133	1.289927	23.48872	2.463316	2.493258
#3	2.545548	25.82545	2.575304	1.303057	23.79846	2.546075	2.499367

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.38927	5.039873	5.152723	5.073064	4.833675	5.307499	5.216465
Stddev	.22471	.165019	.032169	.031263	.179179	.067946	.051877
%RSD	.9213448	3.274267	.6243065	.6162635	3.706892	1.280187	.9944924
#1	24.15842	4.882036	5.123872	5.040821	4.655912	5.235978	5.163162
#2	24.40210	5.026341	5.146888	5.075127	4.830874	5.315326	5.219444
#3	24.60728	5.211241	5.187411	5.103246	5.014237	5.371192	5.266789

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: CCV09 Acquired: 3/13/2025 19:12:00 Type: Unk
Method: NON EPA-6010-200.7(v2770) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV09 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.927785	4.583289	4.915298
Stddev	.043159	.173413	.186731
%RSD	.8758266	3.783599	3.798984
#1	4.892803	4.410050	4.779622
#2	4.914538	4.582939	4.838006
#3	4.976015	4.756876	5.128266

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3334.826	73172.46	14875.50	2134.969	4533.725
Stddev	19.649	286.21	458.88	8.804	33.867
%RSD	.5892079	.3911468	3.084788	.4123839	.7470094
#1	3349.146	73483.19	15336.01	2144.785	4562.775
#2	3342.906	73114.59	14872.23	2132.352	4541.873
#3	3312.425	72919.61	14418.27	2127.771	4496.527

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: CCB09 Acquired: 3/13/2025 19:21:09 Type: Unk
Method: NON EPA-6010-200.7(v2770) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB09 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000211	-.000102	.0004086	.0092890	.0022882	.0141567
Stddev	.002386	.001481	.0010641	.0007723	.0001131	.0051102
%RSD	1132.794	1447.735	260.4396	8.314341	4.942737	36.09744
#1	.001578	-.001740	-.000108	.0086848	.0023073	.0094493
#2	.000710	.001142	.001632	.0101591	.0021667	.0195918
#3	-.002919	.000291	-.000299	.0090229	.0023905	.0134292

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001001	-.000014	-.000021	.0337569	.0002439	.0001522
Stddev	.0008696	.000070	.000071	.0067598	.0002404	.0000409
%RSD	868.4215	488.7948	343.5976	20.02502	98.55969	26.89824
#1	.0009640	.000019	-.000098	.0288925	.0004973	.0001784
#2	.0001115	-.000095	.000041	.0414757	.0002153	.0001733
#3	-.000775	.000033	-.000004	.0309024	.0000191	.0001051

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005259	.0314241	.0003584	-.001485	-.000011	.0004342
Stddev	.0003546	.0061432	.0004377	.010847	.000180	.0001149
%RSD	67.44348	19.54937	122.1284	730.5206	1650.631	26.46754
#1	.0005772	.0244279	.0000481	-.002963	.000175	.0004275
#2	.0008520	.0339078	.0001680	.010026	-.000184	.0003228
#3	.0001483	.0359367	.0008590	-.011517	-.000023	.0005524

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0783474	-.000159	.0000169	.2243706	-.003286	.0001405
Stddev	.0194811	.001106	.0004765	.0225061	.000646	.0003429
%RSD	24.86505	696.7578	2822.615	10.03078	19.65175	244.1028
#1	.0771106	.000952	.0005384	.2085100	-.003525	.0005361
#2	.0595141	-.001260	-.000092	.2144725	-.002554	-.000043
#3	.0984174	-.000168	-.000396	.2501295	-.003777	-.000072

Reviewed By:Mohan
On:3/14/2025 1:33:41 PM
Inst Id :P4
LB :LB135035

Sample Name: CCB09 Acquired: 3/13/2025 19:21:09 Type: Unk
Method: NON EPA-6010-200.7(v2770) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB09 Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000920	.0014434	.0002299	.0003815	F .0136055	.0002976
Stddev	.000368	.0000582	.0039826	.0013234	.0051740	.0006638
%RSD	40.00882	4.033772	1732.572	346.8650	38.02909	223.0916
#1	-.001261	.0013784	.0044663	-.000682	.0140165	.0008751
#2	-.000969	.0014906	-.000339	-.000037	.0185618	.0004451
#3	-.000530	.0014613	-.003438	.001864	.0082382	-.000428

Elem	Sr4077
Units	ppm
Avg	.0001082
Stddev	.0000159
%RSD	14.69152
#1	.0001140
#2	.0001203
#3	.0000902

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3510.154	80343.25	13971.40	2334.027	5082.514
Stddev	8.454	4480.16	10.88	130.205	17.022
%RSD	.2408523	5.576278	.0778409	5.578544	.3349208
#1	3519.368	76212.75	13980.73	2212.705	5101.818
#2	3502.754	85105.92	13959.45	2471.591	5069.657
#3	3508.338	79711.08	13974.00	2317.785	5076.066