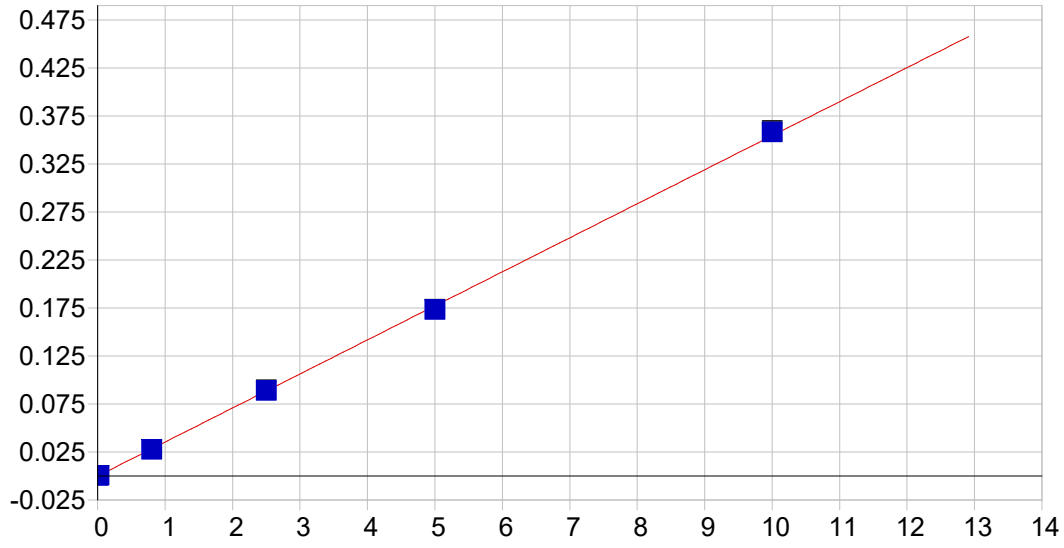
Reviewed By:jaswal
On:5/16/2025 2:34:16 PM
Inst Id :P4
LB :LB135794



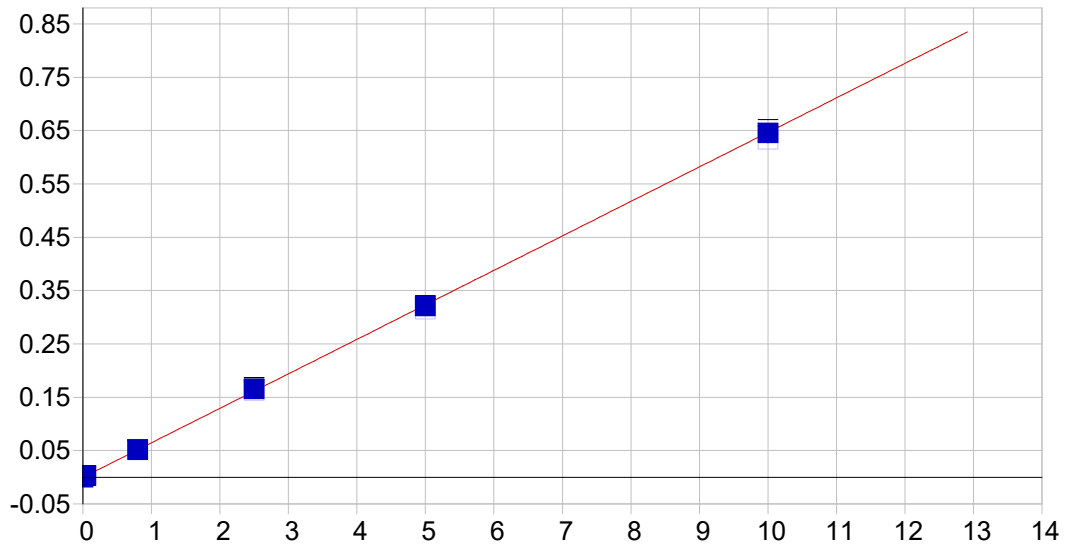
As 189.042 {479}

Date of Fit:	5/15/2025 14:18:46	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000103	Re-Slope:	1.000000
A1 (Gain):	0.035457	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999883	Status:	OK.
Std Error of Est:	0.000013		
Predicted MDL:	0.003862		
Predicted MQL:	0.012872		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00010	.000	1
S1	.02000	.02024	.000	1.21	.00061	.000	1
S3	2.5000	2.5163	.016	.652	.08902	.000	1
S4	5.0000	4.8906	-.109	-2.19	.17311	.000	1
S5	10.000	10.113	.113	1.13	.35808	.001	1
S2	.80000	.78013	-.020	-2.48	.02753	.000	1

Reviewed By:jaswal
On:5/16/2025 2:34:16 PM
Inst Id :P4
LB :LB135794



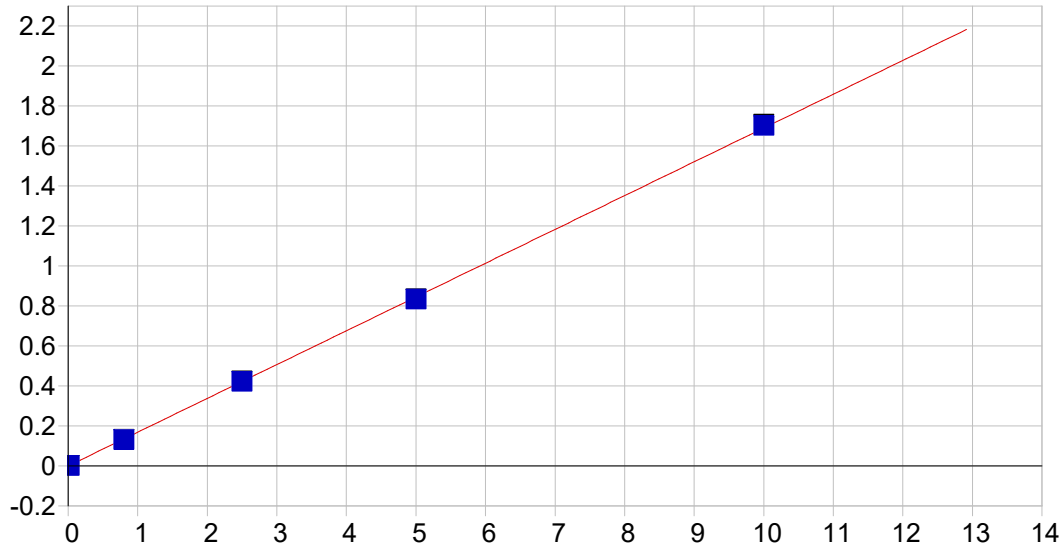
Tl 190.856 {477}

Date of Fit:	5/15/2025 14:18:46	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000149	Re-Slope:	1.000000
A1 (Gain):	0.064674	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999952	Status:	OK.
Std Error of Est:	0.000021		
Predicted MDL:	0.002078		
Predicted MQL:	0.006928		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00015	.000	1
S1	.04000	.04204	.002	5.09	.00240	.000	1
S3	2.5000	2.5565	.057	2.26	.16221	.003	1
S4	5.0000	4.9636	-.036	-.729	.31491	.001	1
S5	10.000	9.9789	-.021	-.211	.63332	.007	1
S2	.80000	.79908	-.001	-.115	.05058	.001	1

Reviewed By:jaswal
On:5/16/2025 2:34:16 PM
Inst Id :P4
LB :LB135794



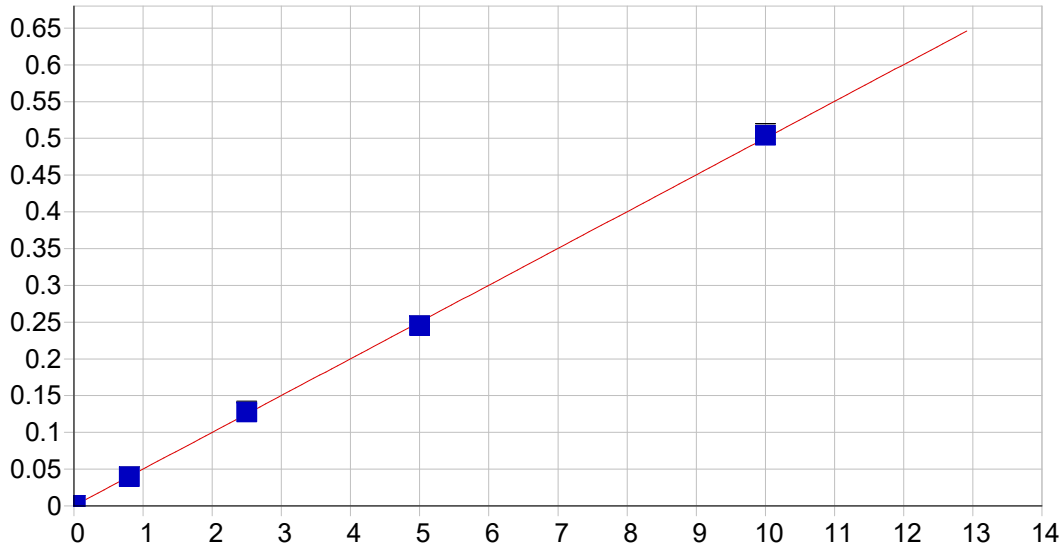
Pb 220.353 {453}

Date of Fit:	5/15/2025 14:18:46	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000231	Re-Slope:	1.000000
A1 (Gain):	0.169020	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999945	Status:	OK.
Std Error of Est:	0.000032		
Predicted MDL:	0.001828		
Predicted MQL:	0.006094		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00023	.000	1
S1	.01200	.01140	-.001	-5.03	.00166	.000	1
S3	2.5000	2.5021	.002	.086	.42225	.002	1
S4	5.0000	4.9361	-.064	-1.28	.83320	.001	1
S5	10.000	10.082	.082	.819	1.7021	.006	1
S2	.80000	.78051	-.019	-2.44	.13155	.001	1

Reviewed By:jaswal
On:5/16/2025 2:34:16 PM
Inst Id :P4
LB :LB135794



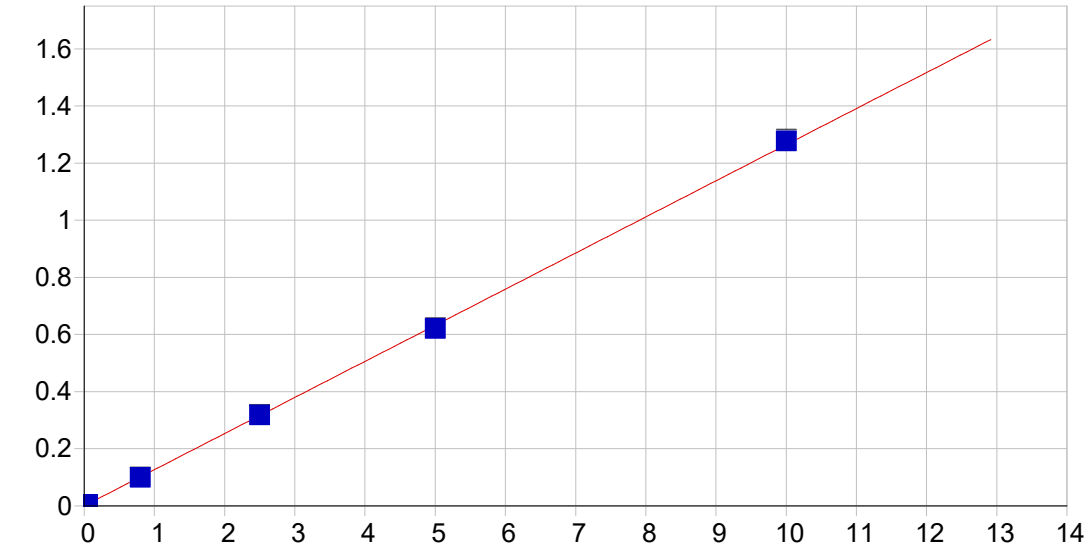
Se 196.090 {472}

Date of Fit:	5/15/2025 14:18:46	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000088	Re-Slope:	1.000000
A1 (Gain):	0.050024	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999898	Status:	OK.
Std Error of Est:	0.000017		
Predicted MDL:	0.003957		
Predicted MQL:	0.013191		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00009	.000	1
S1	.02000	.01947	-.001	-2.66	.00106	.000	1
S3	2.5000	2.5455	.045	1.82	.12738	.001	1
S4	5.0000	4.8955	-.105	-2.09	.24489	.001	1
S5	10.000	10.072	.072	.722	.50376	.003	1
S2	.80000	.78735	-.013	-1.58	.03946	.000	1

Reviewed By:jaswal
On:5/16/2025 2:34:16 PM
Inst Id :P4
LB :LB135794



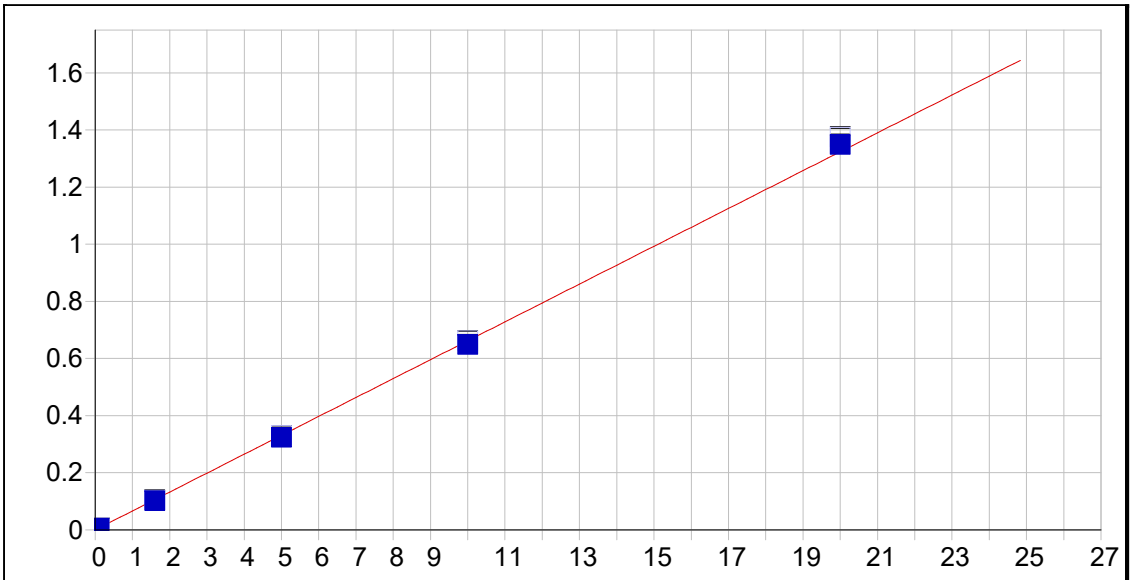
Sb 206.833 {463}

Date of Fit:	5/15/2025 14:18:46	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000376	Re-Slope:	1.000000
A1 (Gain):	0.126414	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999911	Status:	OK.
Std Error of Est:	0.000063		
Predicted MDL:	0.002192		
Predicted MQL:	0.007307		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00038	.000	1
S1	.05000	.05281	.003	5.62	.00707	.000	1
S3	2.5000	2.5112	.011	.446	.31868	.002	1
S4	5.0000	4.9068	-.093	-1.86	.62238	.001	1
S5	10.000	10.097	.097	.970	1.2802	.003	1
S2	.80000	.78222	-.018	-2.22	.09953	.001	1

Reviewed By:jaswal
On:5/16/2025 2:34:16 PM
Inst Id :P4
LB :LB135794



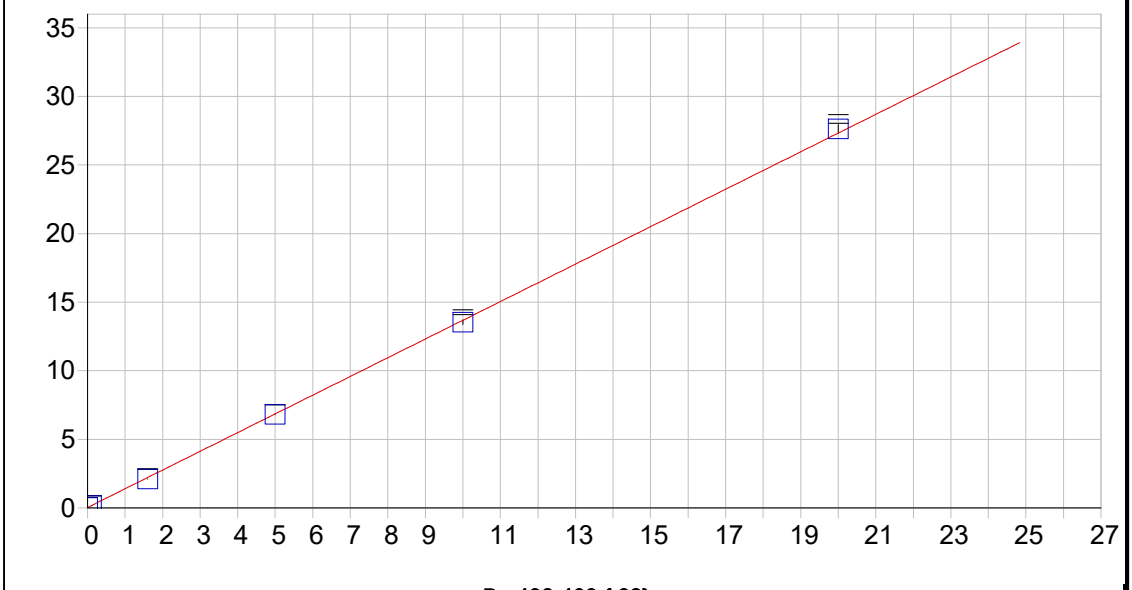
Al 396.152 { 85}

Date of Fit:	5/15/2025 14:18:46	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000248	Re-Slope:	1.000000
A1 (Gain):	0.066186	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999797	Status:	OK.
Std Error of Est:	0.000101		
Predicted MDL:	0.006433		
Predicted MQL:	0.021444		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00025	.000	1
S1	.10000	.09953	-.000	-.472	.00735	.000	1
S3	5.0000	4.8855	-.115	-2.29	.33002	.000	1
S4	10.000	9.7989	-.201	-2.01	.66164	.001	1
S5	20.000	20.371	.371	1.86	1.3742	.003	1
S2	1.6000	1.5447	-.055	-3.45	.10454	.000	1

Reviewed By:jaswal
On:5/16/2025 2:34:16 PM
Inst Id :P4
LB :LB135794



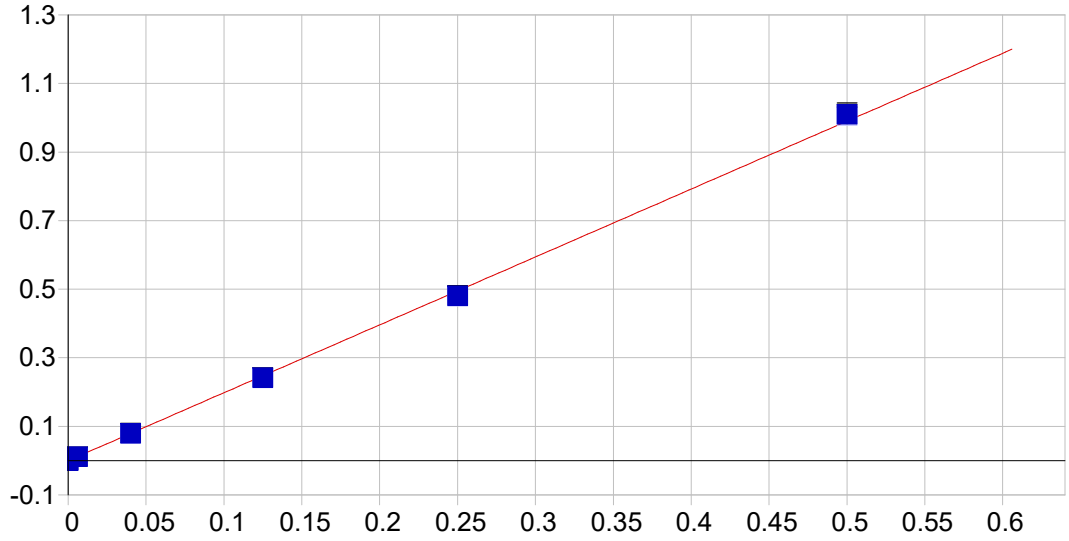
Ba 493.409 { 68}

Date of Fit:	5/15/2025 14:18:46	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.033783	Re-Slope:	1.000000
A1 (Gain):	1.364667	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999893	Status:	OK.
Std Error of Est:	0.001483		
Predicted MDL:	0.001074		
Predicted MQL:	0.003581		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.03379	.002	1
S1	.10000	.09797	-.002	-2.03	.16748	.000	1
S3	5.0000	4.9646	-.035	-.708	6.8088	.012	1
S4	10.000	9.8976	-.102	-1.02	13.541	.170	1
S5	20.000	20.221	.221	1.10	27.629	.316	1
S2	1.6000	1.5190	-.081	-5.06	2.1067	.007	1

Reviewed By:jaswal
On:5/16/2025 2:34:16 PM
Inst Id :P4
LB :LB135794



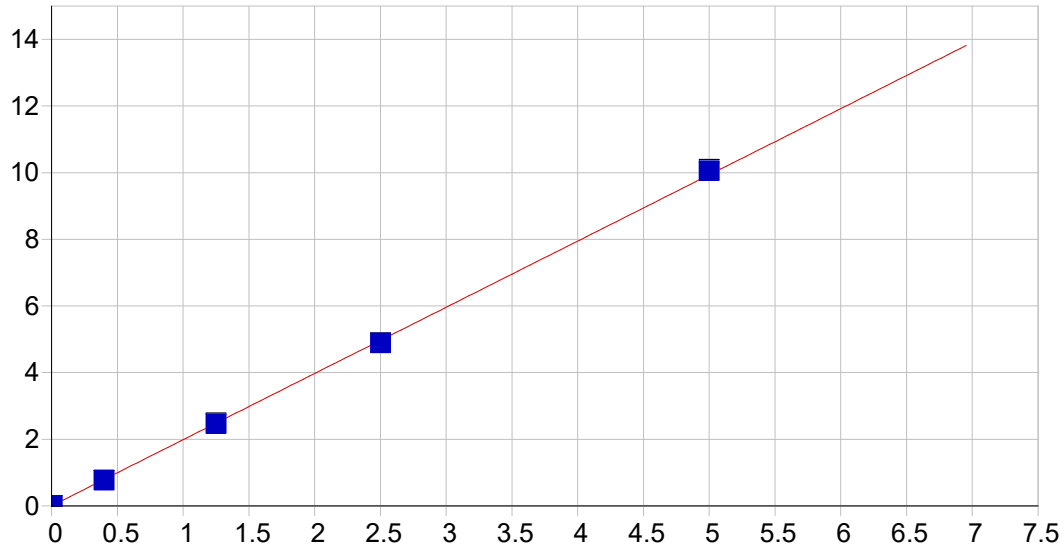
Be 234.861 {144}

Date of Fit:	5/15/2025 14:18:46	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000063	Re-Slope:	1.000000
A1 (Gain):	1.980191	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999734	Status:	OK.
Std Error of Est:	0.000131		
Predicted MDL:	0.000068		
Predicted MQL:	0.000228		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00006	.000	1
S1	.00600	.00580	-.000	-3.36	.01133	.000	1
S3	.12500	.12213	-.003	-2.30	.24066	.001	1
S4	.25000	.24279	-.007	-2.88	.47850	.001	1
S5	.50000	.51010	.010	2.02	1.0056	.005	1
S2	.04000	.04018	.000	.444	.07914	.000	1

Reviewed By:jaswal
On:5/16/2025 2:34:16 PM
Inst Id :P4
LB :LB135794



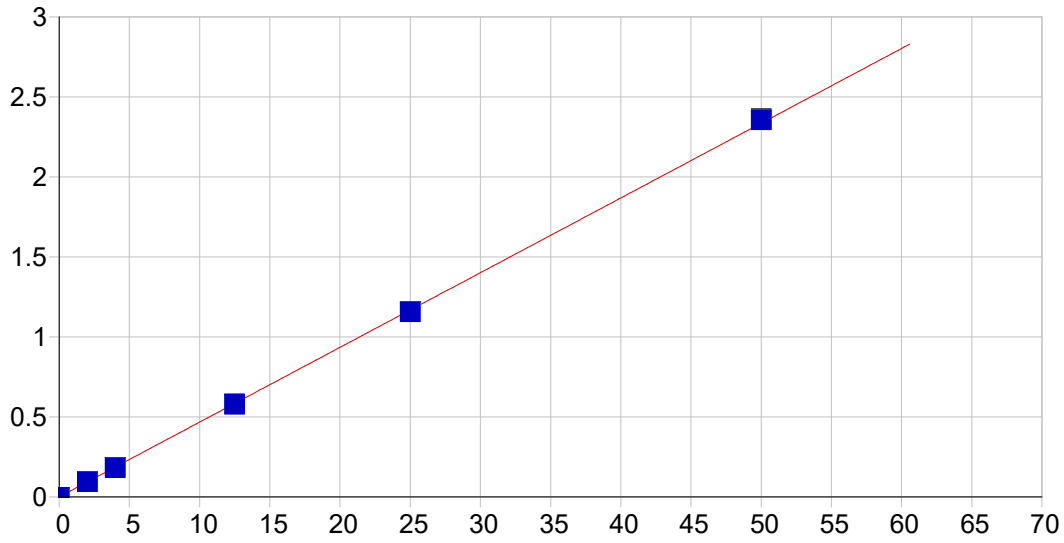
Cd 226.502 {449}

Date of Fit:	5/15/2025 14:18:46	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000086	Re-Slope:	1.000000
A1 (Gain):	1.987108	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999905	Status:	OK.
Std Error of Est:	0.000249		
Predicted MDL:	0.000106		
Predicted MQL:	0.000355		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00009	.000	1
S1	.00600	.00611	.000	1.81	.01229	.000	1
S3	1.2500	1.2444	-.006	-.451	2.4749	.011	1
S4	2.5000	2.4599	-.040	-1.60	4.8925	.004	1
S5	5.0000	5.0583	.058	1.17	10.060	.040	1
S2	.40000	.38738	-.013	-3.16	.77055	.002	1

Reviewed By:jaswal
On:5/16/2025 2:34:16 PM
Inst Id :P4
LB :LB135794



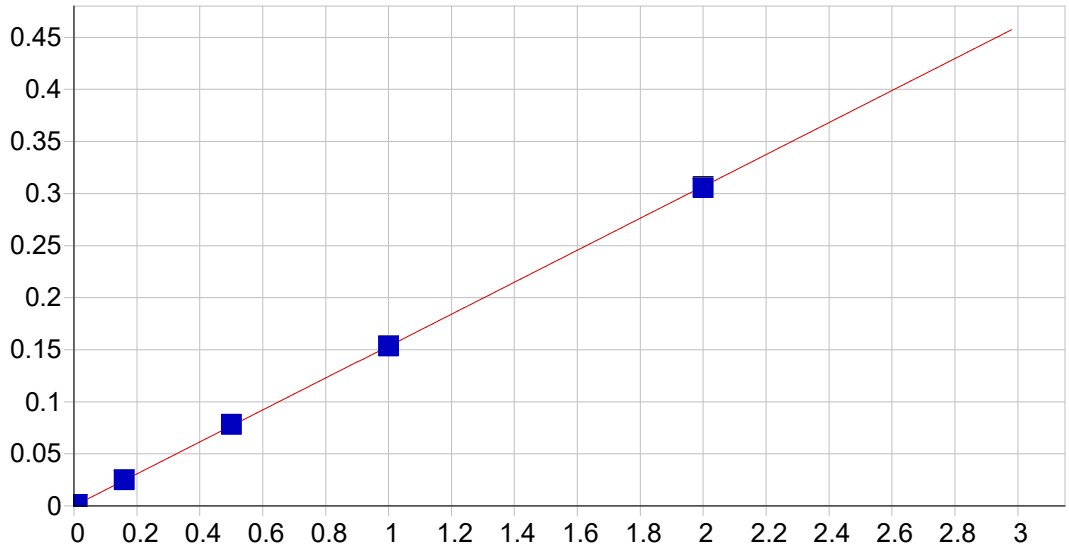
Ca 373.690 { 90}

Date of Fit:	5/15/2025 14:18:46	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000375	Re-Slope:	1.000000
A1 (Gain):	0.046708	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999946	Status:	OK.
Std Error of Est:	0.000257		
Predicted MDL:	0.008064		
Predicted MQL:	0.026881		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00006	.000	.000	.00038	.000	1
S2	4.0000	3.9026	-.097	-2.44	.18266	.001	1
S3	12.500	12.386	-.114	-.913	.57889	.000	1
S4	25.000	24.748	-.252	-1.01	1.1563	.002	1
S5	50.000	50.452	.452	.905	2.3569	.005	1
S1	2.0000	2.0109	.011	.547	.09430	.000	1

Reviewed By:jaswal
On:5/16/2025 2:34:16 PM
Inst Id :P4
LB :LB135794



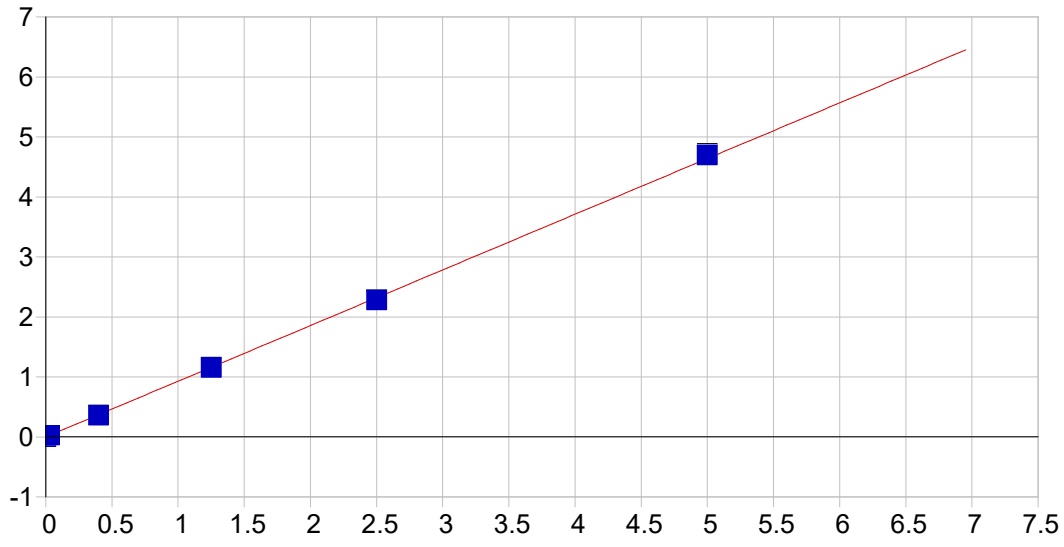
Cr 267.716 {126}

Date of Fit:	5/15/2025 14:18:46	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000102	Re-Slope:	1.000000
A1 (Gain):	0.153381	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999976	Status:	OK.
Std Error of Est:	0.000008		
Predicted MDL:	0.000452		
Predicted MQL:	0.001508		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00010	.000	1
S1	.01000	.00992	-.000	-.818	.00162	.000	1
S3	.50000	.50767	.008	1.53	.07799	.000	1
S4	1.0000	.99987	-.000	-.013	.15351	.000	1
S5	2.0000	1.9910	-.009	-.451	.30557	.001	1
S2	.16000	.16157	.002	.981	.02489	.000	1

Reviewed By:jaswal
On:5/16/2025 2:34:16 PM
Inst Id :P4
LB :LB135794



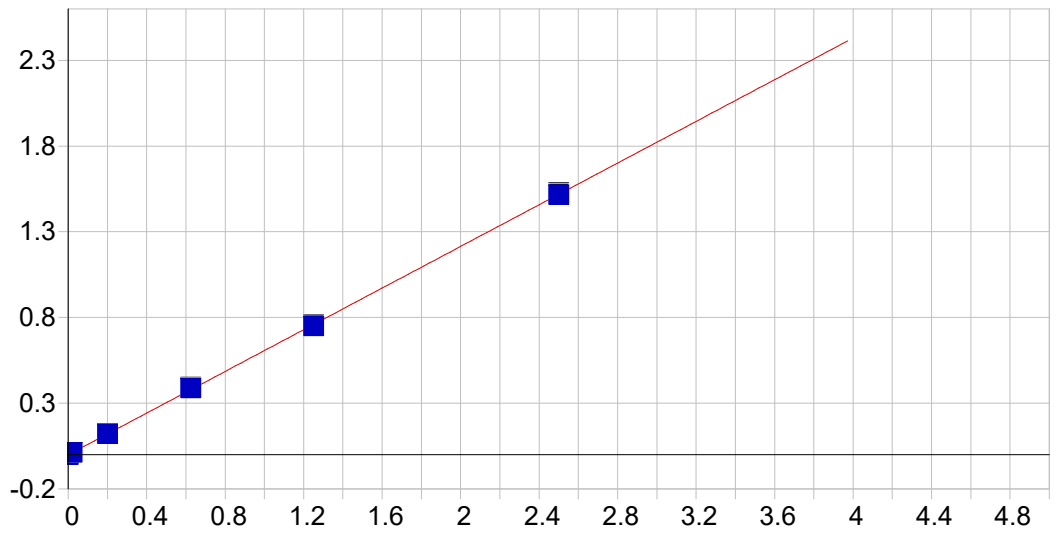
Co 228.616 {448}

Date of Fit:	5/15/2025 14:18:46	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000097	Re-Slope:	1.000000
A1 (Gain):	0.927777	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999896	Status:	OK.
Std Error of Est:	0.000273		
Predicted MDL:	0.000262		
Predicted MQL:	0.000873		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00010	.000	1
S1	.03000	.02936	-.001	-2.13	.02722	.000	1
S3	1.2500	1.2426	-.007	-.591	1.1549	.005	1
S4	2.5000	2.4601	-.040	-1.59	2.2865	.002	1
S5	5.0000	5.0616	.062	1.23	4.7040	.017	1
S2	.40000	.38625	-.014	-3.44	.35908	.001	1

Reviewed By:jaswal
On:5/16/2025 2:34:16 PM
Inst Id :P4
LB :LB135794



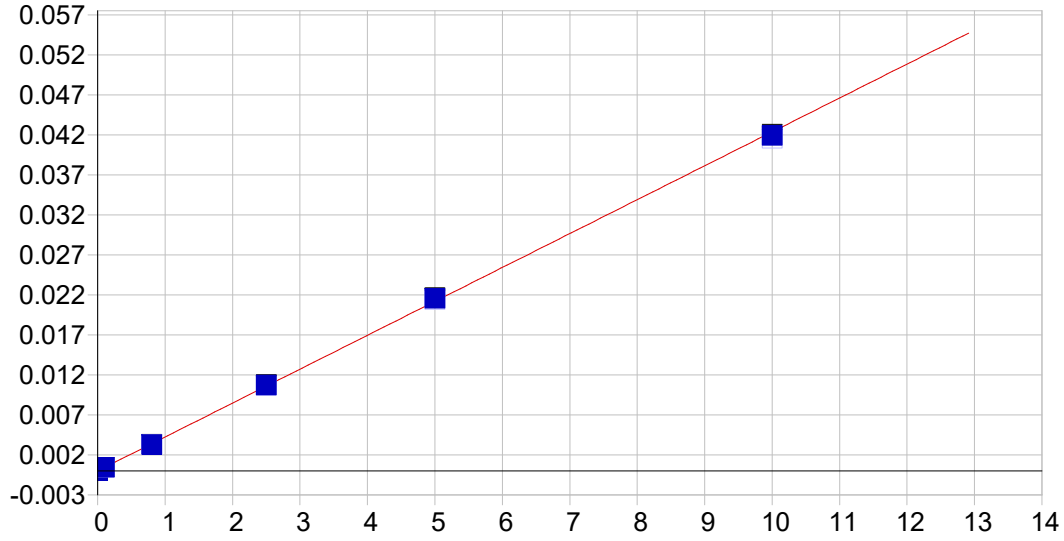
Cu 224.700 {450}

Date of Fit:	5/15/2025 14:18:46	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000820	Re-Slope:	1.000000
A1 (Gain):	0.607712	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999911	Status:	OK.
Std Error of Est:	0.000096		
Predicted MDL:	0.000503		
Predicted MQL:	0.001678		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00082	.000	1
S1	.02000	.02226	.002	11.3	.01283	.000	1
S3	.62500	.64071	.016	2.51	.39131	.002	1
S4	1.2500	1.2364	-.014	-1.09	.75609	.002	1
S5	2.5000	2.4937	-.006	-.250	1.5257	.002	1
S2	.20000	.20191	.002	.954	.12277	.001	1

Reviewed By:jaswal
On:5/16/2025 2:34:16 PM
Inst Id :P4
LB :LB135794



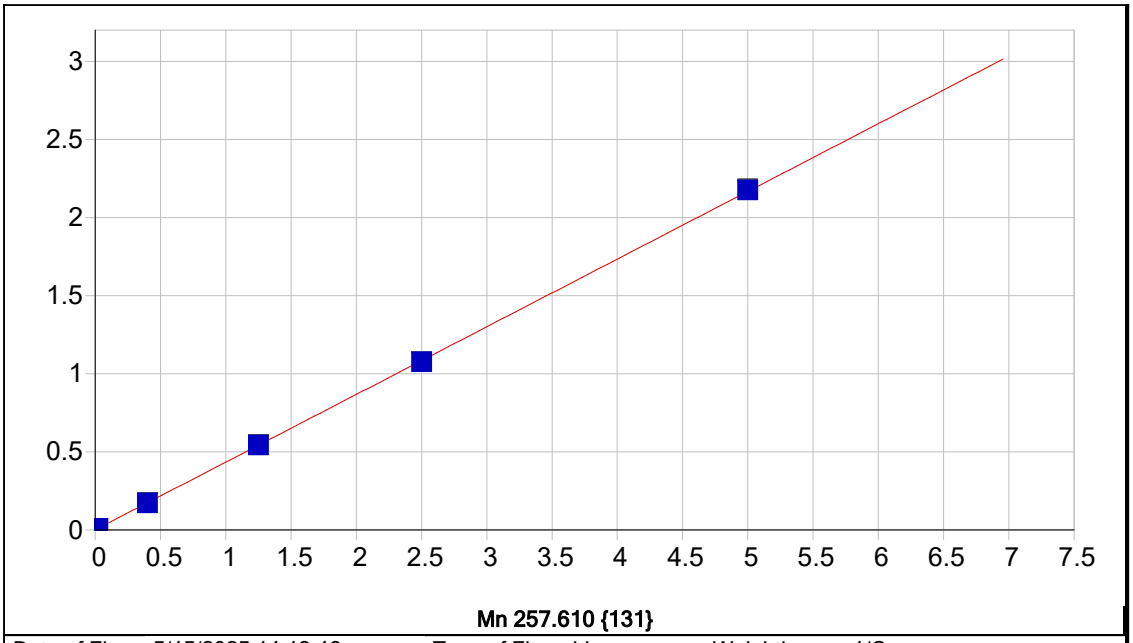
Fe 240.488 {140}

Date of Fit:	5/15/2025 14:18:46	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000001	Re-Slope:	1.000000
A1 (Gain):	0.004236	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999892	Status:	OK.
Std Error of Est:	0.000003		
Predicted MDL:	0.005547		
Predicted MQL:	0.018491		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00000	.000	1
S1	.10000	.10197	.002	1.97	.00043	.000	1
S3	2.5000	2.5339	.034	1.35	.01064	.000	1
S4	5.0000	5.0914	.091	1.83	.02139	.000	1
S5	10.000	9.8959	-.104	-1.04	.04156	.000	1
S2	.80000	.77684	-.023	-2.90	.00326	.000	1

Reviewed By:jaswal
On:5/16/2025 2:34:16 PM
Inst Id :P4
LB :LB135794



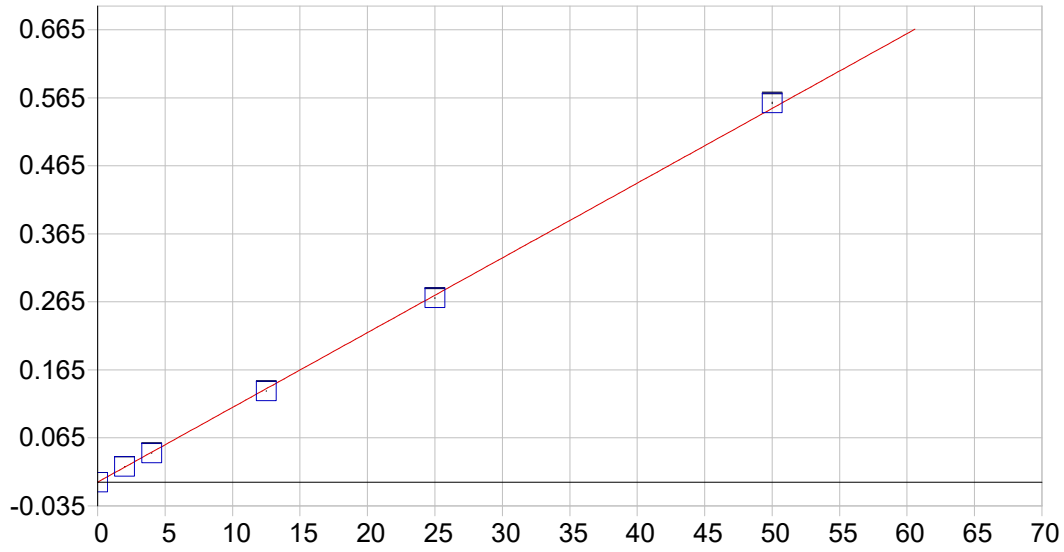
Mn 257.610 {131}

Date of Fit:	5/15/2025 14:18:46	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000574	Re-Slope:	1.000000
A1 (Gain):	0.433300	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999986	Status:	OK.
Std Error of Est:	0.000037		
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	.00057	.000	1
S1	.02000	.02053	.001	2.67	.00947	.000	1
S3	1.2500	1.2518	.002	.142	.54307	.001	1
S4	2.5000	2.4807	-.019	-.770	1.0757	.001	1
S5	5.0000	5.0190	.019	.380	2.1757	.006	1
S2	.40000	.39793	-.002	-.517	.17303	.001	1

Reviewed By:jaswal
On:5/16/2025 2:34:16 PM
Inst Id :P4
LB :LB135794



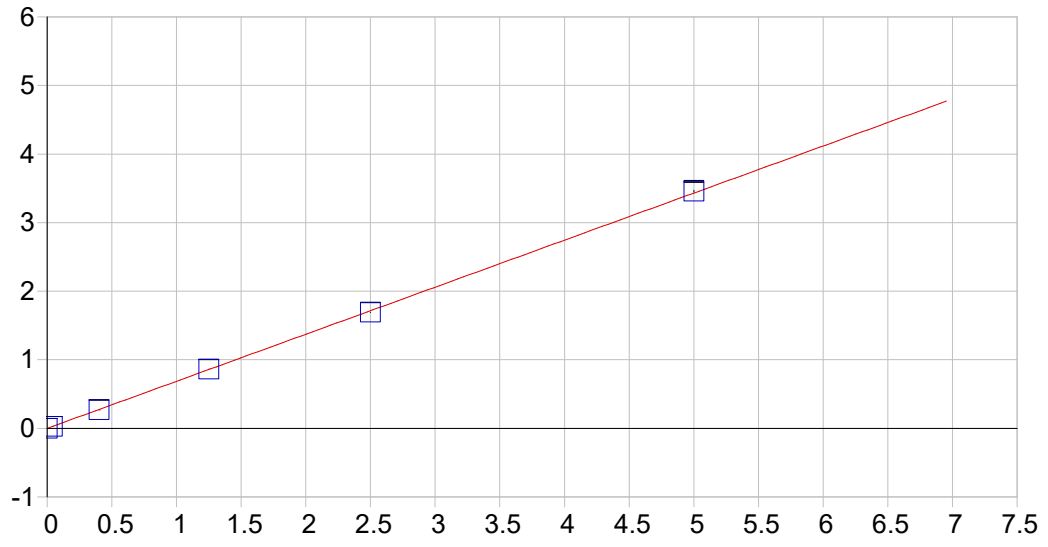
Mg 279.079 {121}

Date of Fit:	5/15/2025 14:18:46	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000002	Re-Slope:	1.000000
A1 (Gain):	0.010991	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999837	Status:	OK.
Std Error of Est:	0.000105		
Predicted MDL:	0.014267		
Predicted MQL:	0.047555		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00003	.000	.000	.00000	.000	1
S2	4.0000	3.8849	-.115	-2.88	.04270	.001	1
S3	12.500	12.182	-.318	-2.55	.13389	.000	1
S4	25.000	24.626	-.374	-1.50	.27068	.001	1
S5	50.000	50.733	.733	1.47	.55763	.001	1
S1	2.0000	2.0742	.074	3.71	.02280	.000	1

Reviewed By:jaswal
On:5/16/2025 2:34:16 PM
Inst Id :P4
LB :LB135794



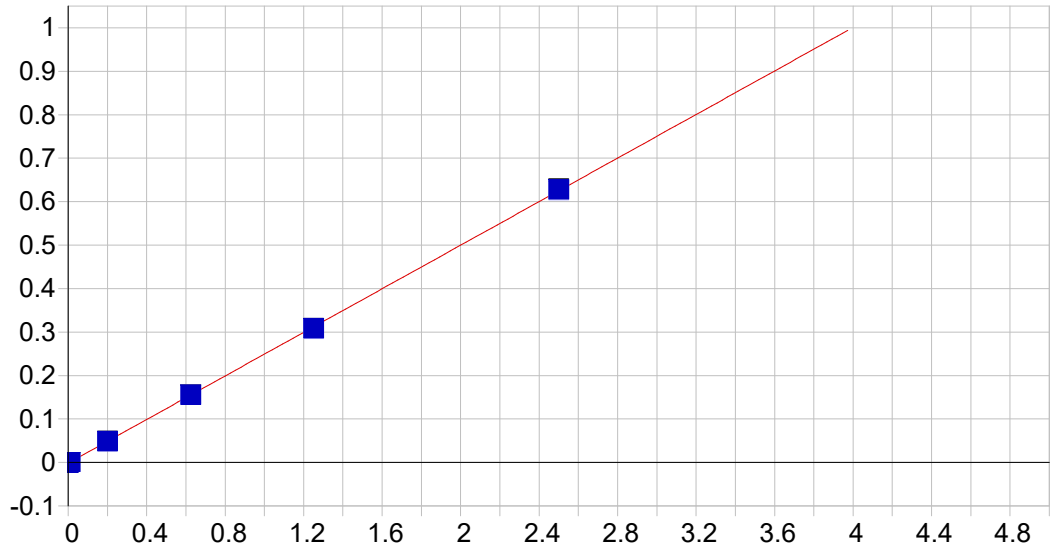
Ni 231.604 {446}

Date of Fit:	5/15/2025 14:18:46	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000145	Re-Slope:	1.000000
A1 (Gain):	0.686139	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999945	Status:	OK.
Std Error of Est:	0.000170		
Predicted MDL:	0.000340		
Predicted MQL:	0.001133		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00014	.000	1
S1	.04000	.03925	-.001	-1.89	.02678	.000	1
S3	1.2500	1.2538	.004	.307	.86016	.003	1
S4	2.5000	2.4665	-.034	-1.34	1.6922	.002	1
S5	5.0000	5.0399	.040	.799	3.4579	.015	1
S2	.40000	.39054	-.009	-2.37	.26782	.001	1

Reviewed By:jaswal
On:5/16/2025 2:34:16 PM
Inst Id :P4
LB :LB135794



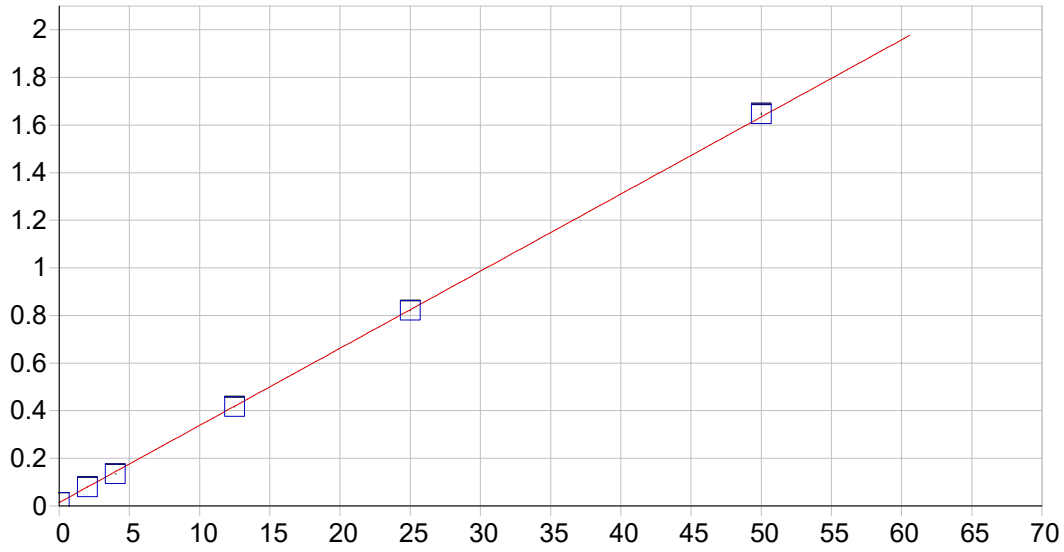
Ag 328.068 {103}

Date of Fit:	5/15/2025 14:18:46	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.001373	Re-Slope:	1.000000
A1 (Gain):	0.250581	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999973	Status:	OK.
Std Error of Est:	0.000015		
Predicted MDL:	0.000397		
Predicted MQL:	0.001324		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00137	.000	1
S1	.01000	.01011	.000	1.10	.00114	.000	1
S3	.62500	.62708	.002	.333	.15514	.000	1
S4	1.2500	1.2356	-.014	-1.15	.30700	.001	1
S5	2.5000	2.5128	.013	.513	.62581	.002	1
S2	.20000	.19937	-.001	-.315	.04839	.000	1

Reviewed By:jaswal
On:5/16/2025 2:34:16 PM
Inst Id :P4
LB :LB135794



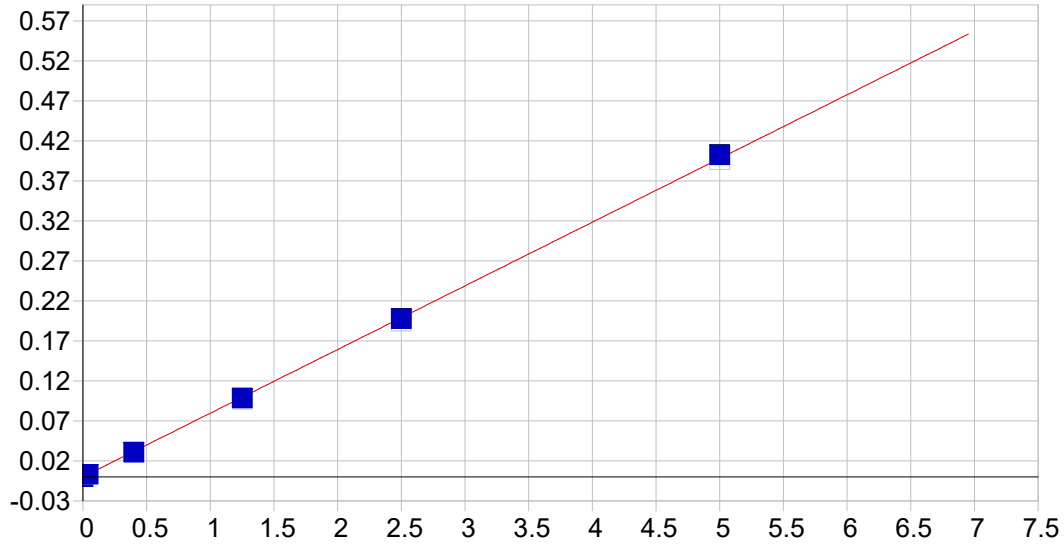
Na 589.592 { 57}

Date of Fit:	5/15/2025 14:18:46	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.014147	Re-Slope:	1.000000
A1 (Gain):	0.032399	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999862	Status:	OK.
Std Error of Est:	0.000285		
Predicted MDL:	0.007636		
Predicted MQL:	0.025452		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00012	.000	.000	.01415	.000	1
S2	4.0000	3.7072	-.293	-7.32	.13426	.000	1
S3	12.500	12.438	-.062	-.500	.41712	.002	1
S4	25.000	24.917	-.083	-.330	.82145	.001	1
S5	50.000	50.411	.411	.821	1.6474	.004	1
S1	2.0000	2.0271	.027	1.35	.07982	.000	1

Reviewed By:jaswal
On:5/16/2025 2:34:16 PM
Inst Id :P4
LB :LB135794



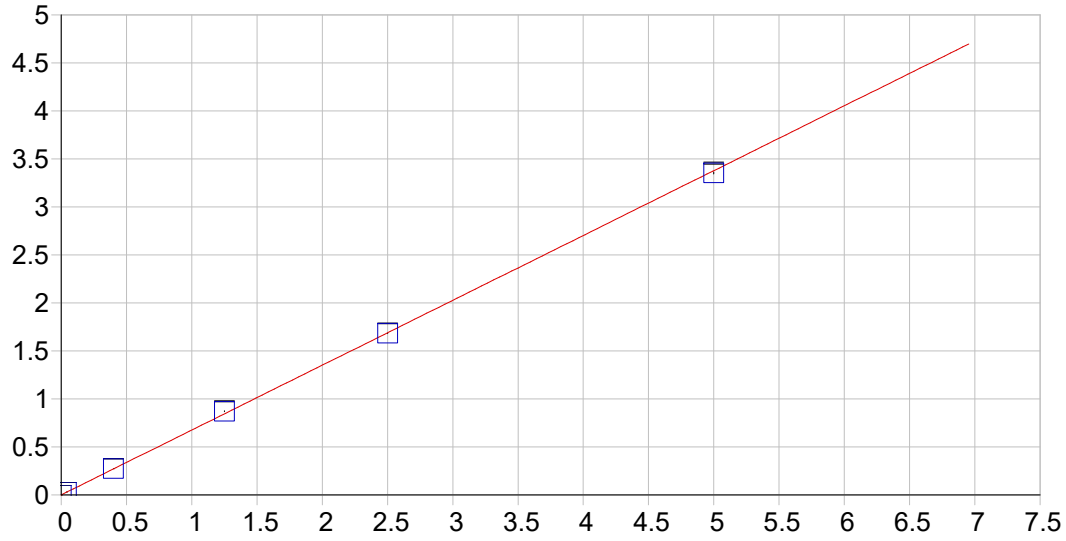
V 292.402 {115}

Date of Fit:	5/15/2025 14:18:46	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000036	Re-Slope:	1.000000
A1 (Gain):	0.079602	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999910	Status:	OK.
Std Error of Est:	0.000025		
Predicted MDL:	0.001847		
Predicted MQL:	0.006156		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00004	.000	1
S1	.04000	.03911	-.001	-2.22	.00303	.000	1
S3	1.2500	1.2334	-.017	-1.33	.09677	.000	1
S4	2.5000	2.4796	-.020	-.817	.19451	.001	1
S5	5.0000	5.0538	.054	1.08	.39652	.001	1
S2	.40000	.38415	-.016	-3.96	.03015	.000	1

Reviewed By:jaswal
On:5/16/2025 2:34:16 PM
Inst Id :P4
LB :LB135794



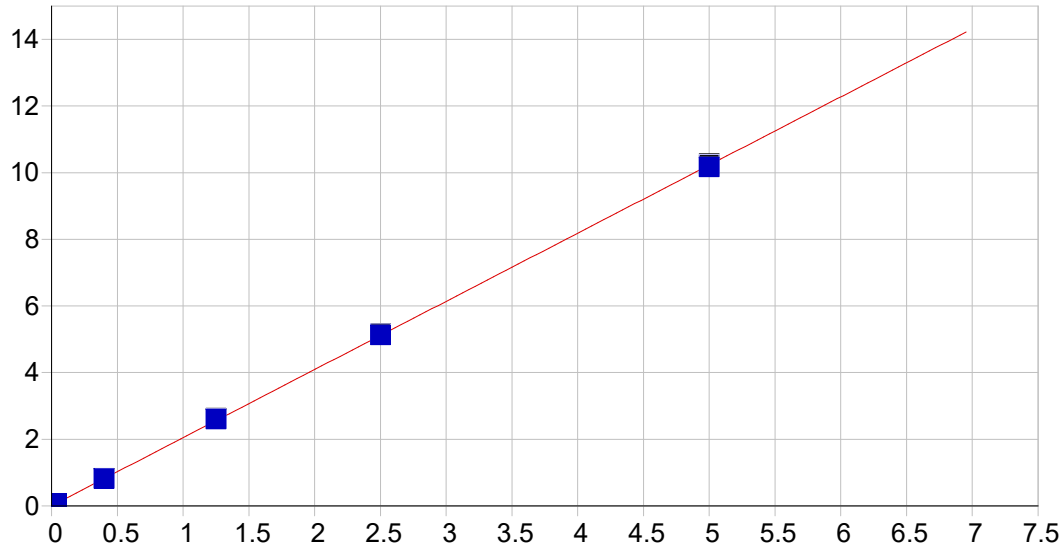
Zn 206.200 {464}

Date of Fit:	5/15/2025 14:18:46	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000200	Re-Slope:	1.000000
A1 (Gain):	0.675528	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999908	Status:	OK.
Std Error of Est:	0.000215		
Predicted MDL:	0.000267		
Predicted MQL:	0.000891		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00020	.000	1
S1	.04000	.04193	.002	4.82	.02852	.000	1
S3	1.2500	1.2895	.040	3.16	.87133	.005	1
S4	2.5000	2.4903	-.010	-.386	1.6825	.003	1
S5	5.0000	4.9636	-.036	-.727	3.3533	.011	1
S2	.40000	.40453	.005	1.13	.27347	.001	1

Reviewed By:jaswal
On:5/16/2025 2:34:16 PM
Inst Id :P4
LB :LB135794



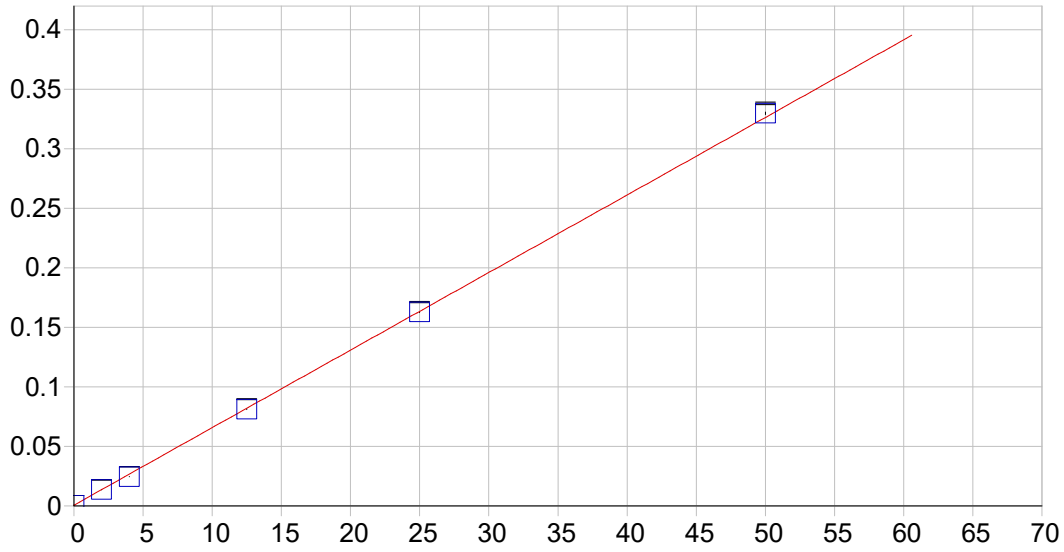
Zn 213.856 {158}

Date of Fit:	5/15/2025 14:18:46	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.002156	Re-Slope:	1.000000
A1 (Gain):	2.045475	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999965	Status:	OK.
Std Error of Est:	0.000402		
Predicted MDL:	0.000336		
Predicted MQL:	0.001119		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00215	.001	1
S1	.04000	.04174	.002	4.36	.08811	.000	1
S3	1.2500	1.2724	.022	1.79	2.6226	.010	1
S4	2.5000	2.5051	.005	.206	5.1619	.004	1
S5	5.0000	4.9731	-.027	-.539	10.246	.024	1
S2	.40000	.39767	-.002	-.583	.82127	.001	1

Reviewed By:jaswal
On:5/16/2025 2:34:16 PM
Inst Id :P4
LB :LB135794



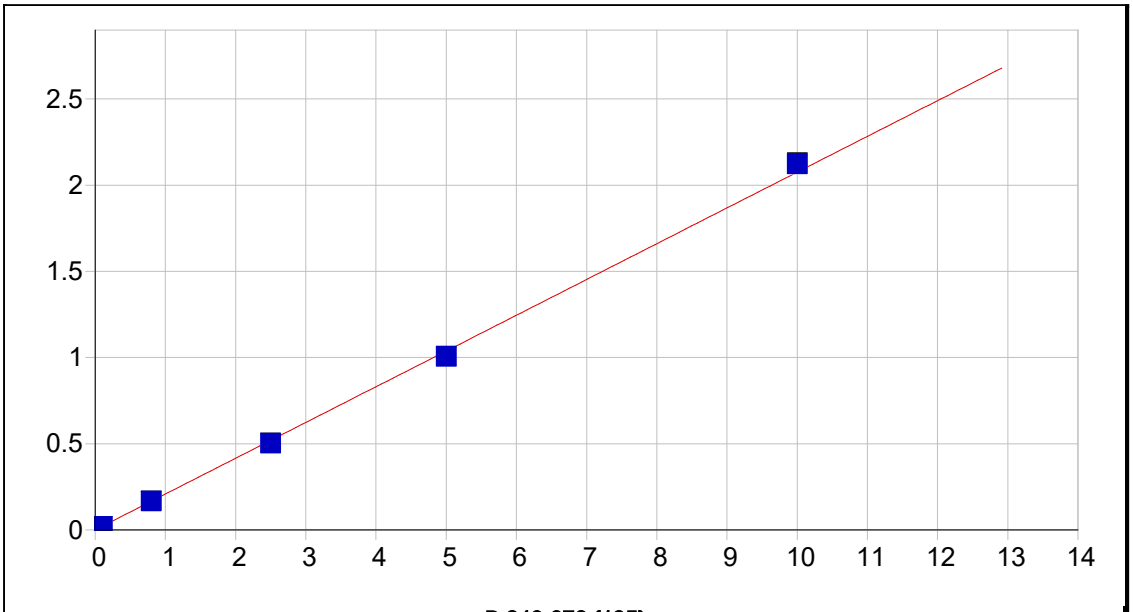
K 766.490 { 44}

Date of Fit:	5/15/2025 14:18:46	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000629	Re-Slope:	1.000000
A1 (Gain):	0.006516	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999820	Status:	OK.
Std Error of Est:	0.000065		
Predicted MDL:	0.034351		
Predicted MQL:	0.114505		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00017	.000	.000	.00063	.000	1
S2	4.0000	3.6739	-.326	-8.15	.02457	.000	1
S3	12.500	12.386	-.114	-.914	.08133	.000	1
S4	25.000	24.908	-.092	-.367	.16292	.000	1
S5	50.000	50.535	.535	1.07	.32989	.001	1
S1	2.0000	1.9972	-.003	-.142	.01364	.000	1

Reviewed By:jaswal
On:5/16/2025 2:34:16 PM
Inst Id :P4
LB :LB135794



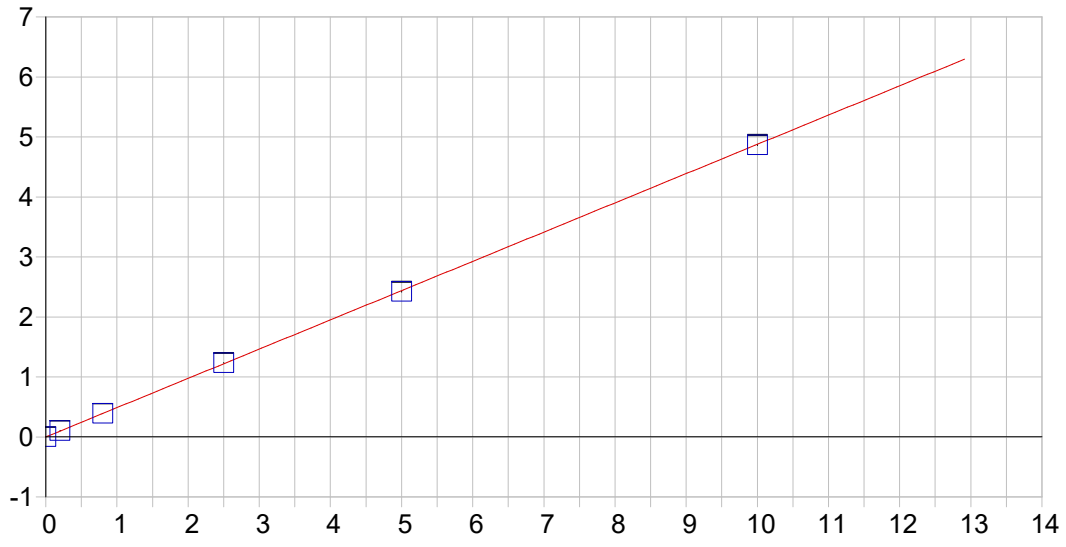
B 249.678 {135}

Date of Fit:	5/15/2025 14:18:46	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000669	Re-Slope:	1.000000
A1 (Gain):	0.207479	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999660	Status:	OK.
Std Error of Est:	0.000284		
Predicted MDL:	0.000839		
Predicted MQL:	0.002795		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00067	.000	1
S1	.10000	.10145	.001	1.45	.02163	.000	1
S3	2.5000	2.4209	-.079	-3.17	.50206	.001	1
S4	5.0000	4.8470	-.153	-3.06	1.0045	.002	1
S5	10.000	10.230	.230	2.30	2.1195	.007	1
S2	.80000	.80106	.001	.132	.16659	.001	1

Reviewed By:jaswal
On:5/16/2025 2:34:16 PM
Inst Id :P4
LB :LB135794



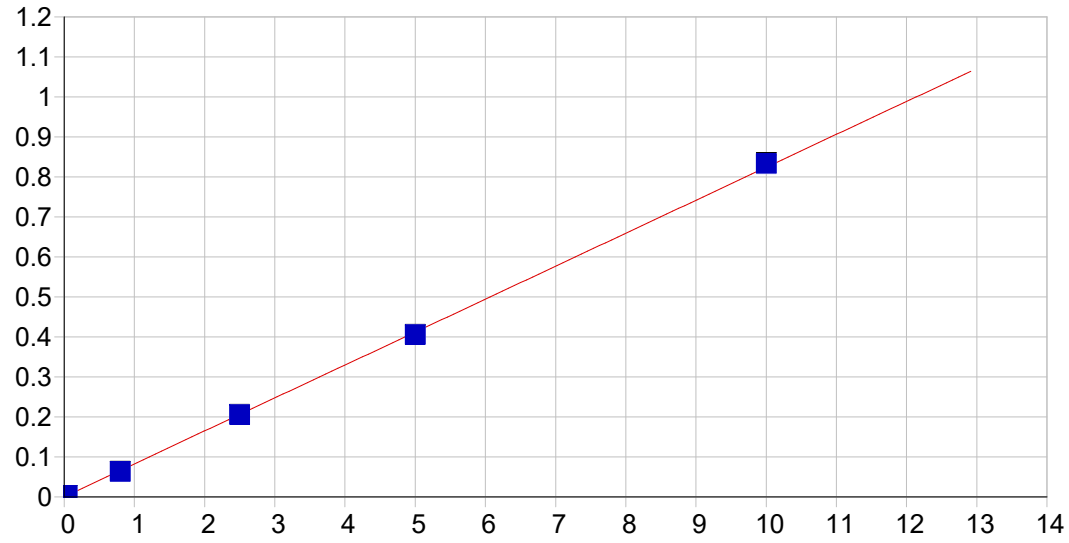
Mo 202.030 {467}

Date of Fit:	5/15/2025 14:18:46	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000040	Re-Slope:	1.000000
A1 (Gain):	0.487578	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999964	Status:	OK.
Std Error of Est:	0.000306		
Predicted MDL:	0.000381		
Predicted MQL:	0.001271		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00003	.000	1
S1	.20000	.21149	.011	5.75	.10316	.000	1
S3	2.5000	2.5331	.033	1.32	1.2351	.005	1
S4	5.0000	4.9701	-.030	-.598	2.4234	.008	1
S5	10.000	9.9828	-.017	-.172	4.8674	.012	1
S2	.80000	.80255	.003	.319	.39135	.002	1

Reviewed By:jaswal
On:5/16/2025 2:34:16 PM
Inst Id :P4
LB :LB135794



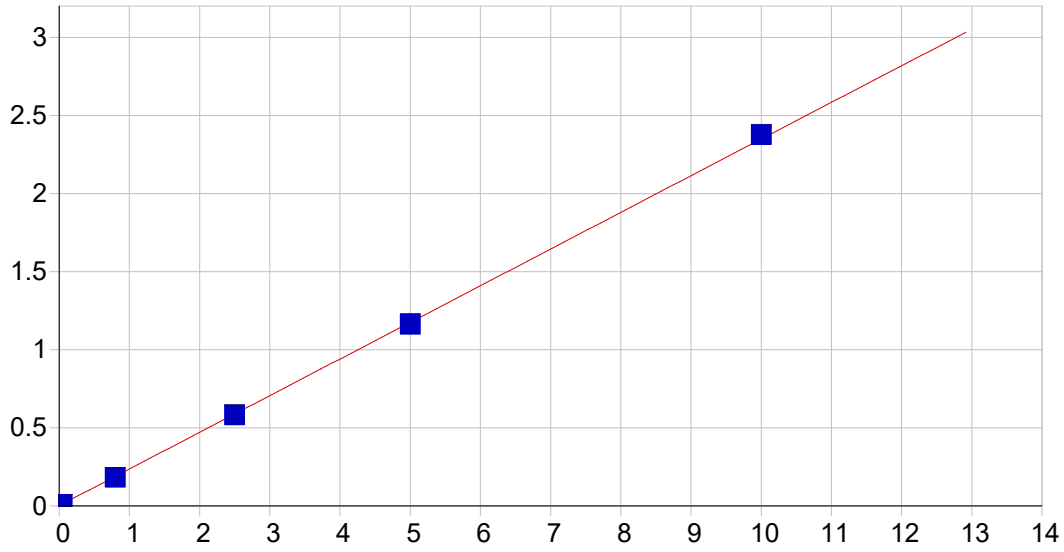
Sn 189.989 {478}

Date of Fit:	5/15/2025 14:18:46	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000243	Re-Slope:	1.000000
A1 (Gain):	0.082369	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999889	Status:	OK.
Std Error of Est:	0.000041		
Predicted MDL:	0.001150		
Predicted MQL:	0.003832		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00024	.000	1
S1	.04000	.04349	.003	8.72	.00382	.000	1
S3	2.5000	2.4923	-.008	-.308	.20532	.001	1
S4	5.0000	4.9236	-.076	-1.53	.40537	.001	1
S5	10.000	10.113	.113	1.13	.83239	.003	1
S2	.80000	.76769	-.032	-4.04	.06341	.000	1

Reviewed By:jaswal
On:5/16/2025 2:34:16 PM
Inst Id :P4
LB :LB135794



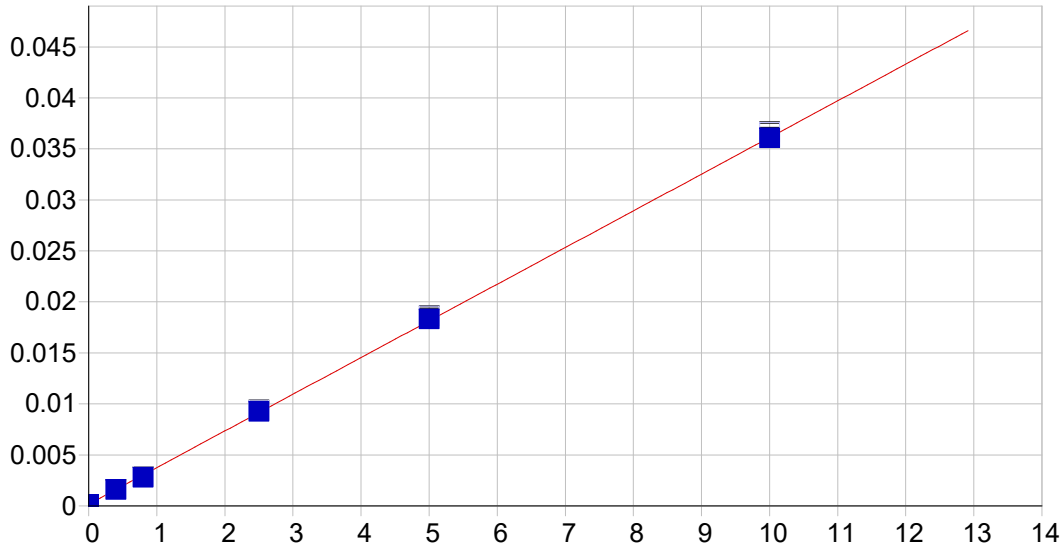
Ti 336.121 {100}

Date of Fit:	5/15/2025 14:18:46	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.001620	Re-Slope:	1.000000
A1 (Gain):	0.234680	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999907	Status:	OK.
Std Error of Est:	0.000106		
Predicted MDL:	0.000907		
Predicted MQL:	0.003023		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00162	.000	1
S1	.04000	.04062	.001	1.56	.01115	.000	1
S3	2.5000	2.4682	-.032	-1.27	.58063	.001	1
S4	5.0000	4.9417	-.058	-1.17	1.1609	.004	1
S5	10.000	10.117	.117	1.17	2.3750	.003	1
S2	.80000	.77266	-.027	-3.42	.18288	.000	1

Reviewed By:jaswal
On:5/16/2025 2:34:16 PM
Inst Id :P4
LB :LB135794



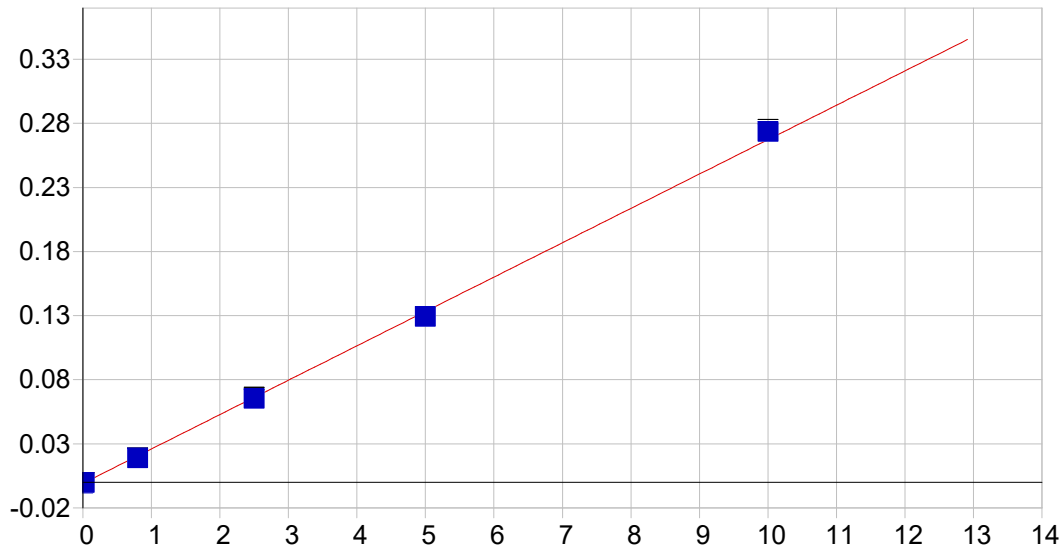
Si 288.158 {117}

Date of Fit:	5/15/2025 14:18:46	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000158	Re-Slope:	1.000000
A1 (Gain):	0.003596	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999843	Status:	OK.
Std Error of Est:	0.000007		
Predicted MDL:	0.011352		
Predicted MQL:	0.037841		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00003	.000	.000	.00016	.000	1
S1	.40000	.39800	-.002	-.500	.00159	.000	1
S3	2.5000	2.5256	.026	1.02	.00937	.000	1
S4	5.0000	5.0503	.050	1.01	.01859	.000	1
S5	10.000	9.9910	-.009	-.090	.03662	.000	1
S2	.80000	.73511	-.065	-8.11	.00284	.000	1

Reviewed By:jaswal
On:5/16/2025 2:34:16 PM
Inst Id :P4
LB :LB135794



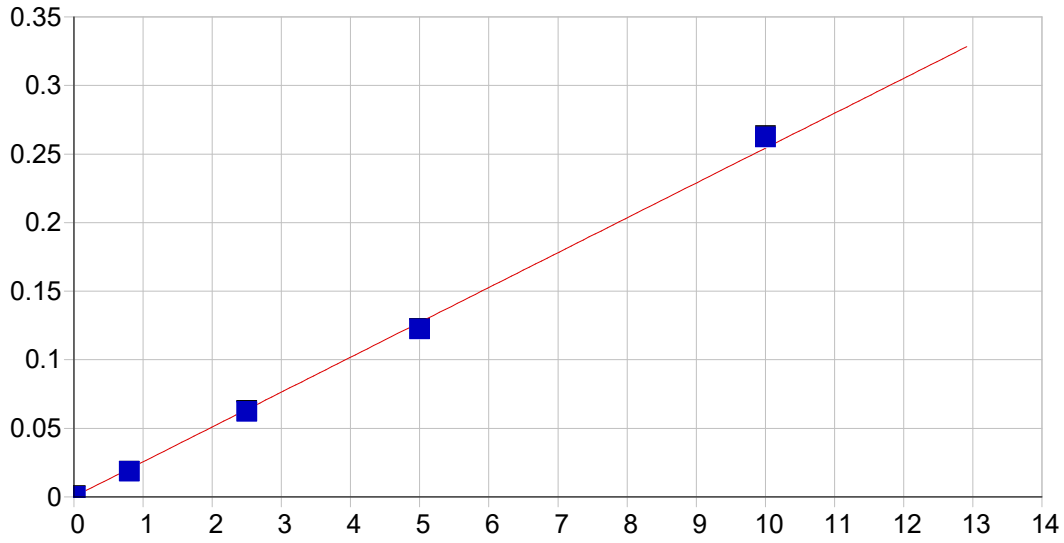
P 177.495 {490}

Date of Fit:	5/15/2025 14:18:46	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000814	Re-Slope:	1.000000
A1 (Gain):	0.026815	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999599	Status:	OK.
Std Error of Est:	0.000018		
Predicted MDL:	0.003787		
Predicted MQL:	0.012622		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00081	.000	1
S1	.02000	.01980	-.000	-1.01	-.00028	.000	1
S3	2.5000	2.4732	-.027	-1.07	.06549	.001	1
S4	5.0000	4.8500	-.150	-3.00	.12922	.000	1
S5	10.000	10.236	.236	2.36	.27362	.002	1
S2	.80000	.74115	-.059	-7.36	.01906	.000	1

Reviewed By:jaswal
On:5/16/2025 2:34:16 PM
Inst Id :P4
LB :LB135794



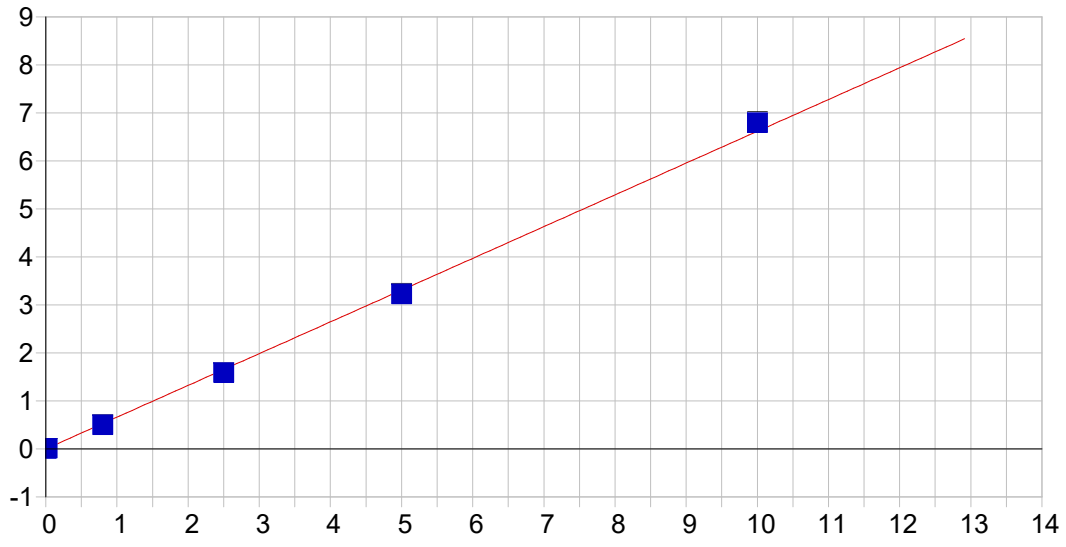
S 182.034 {485}

Date of Fit:	5/15/2025 14:18:46	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000181	Re-Slope:	1.000000
A1 (Gain):	0.025414	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999290	Status:	OK.
Std Error of Est:	0.000022		
Predicted MDL:	0.004018		
Predicted MQL:	0.013393		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00018	.000	1
S1	.02000	.02241	.002	12.0	.00073	.000	1
S3	2.5000	2.4452	-.055	-2.19	.06216	.001	1
S4	5.0000	4.8089	-.191	-3.82	.12206	.000	1
S5	10.000	10.318	.318	3.18	.26175	.001	1
S2	.80000	.72527	-.075	-9.34	.01856	.000	1

Reviewed By:jaswal
On:5/16/2025 2:34:16 PM
Inst Id :P4
LB :LB135794



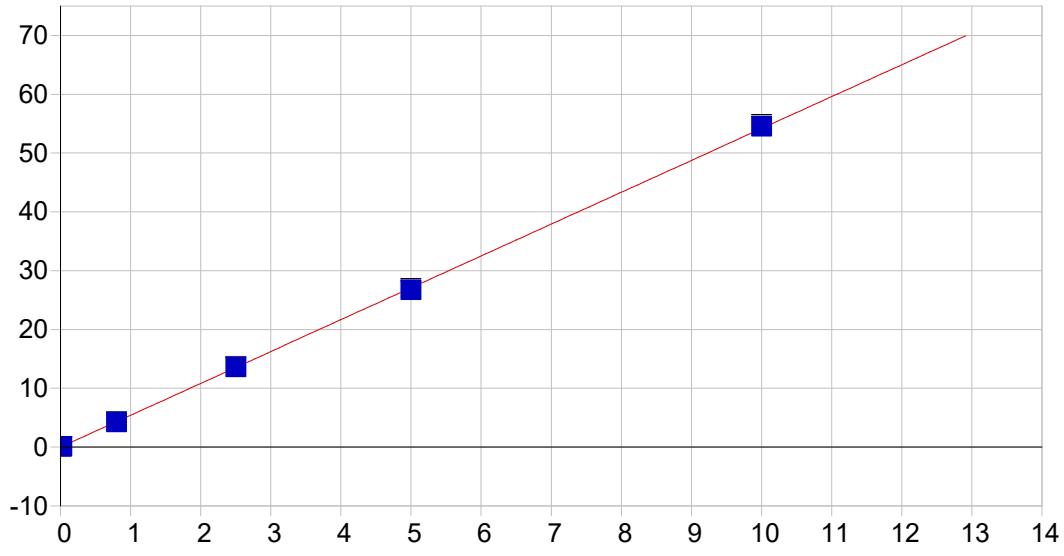
Li 670.784 { 50}

Date of Fit:	5/15/2025 14:18:46	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000341	Re-Slope:	1.000000
A1 (Gain):	0.661650	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999534	Status:	OK.
Std Error of Est:	0.000474		
Predicted MDL:	0.001219		
Predicted MQL:	0.004065		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00034	.000	1
S5	10.000	10.272	.272	2.72	6.7992	.012	1
S4	5.0000	4.8747	-.125	-2.51	3.2267	.015	1
S3	2.5000	2.3987	-.101	-4.05	1.5876	.004	1
S1	.02000	.01882	-.001	-5.88	.01233	.000	1
S2	.80000	.75608	-.044	-5.49	.50018	.002	1

Reviewed By:jaswal
On:5/16/2025 2:34:16 PM
Inst Id :P4
LB :LB135794



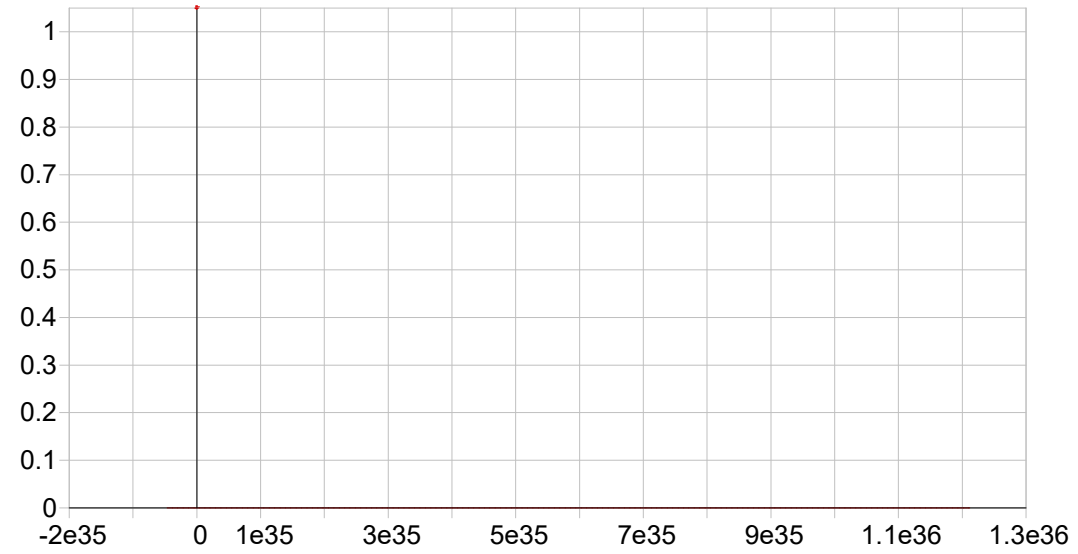
Sr 407.771 { 83}

Date of Fit:	5/15/2025 14:18:46	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000010	Re-Slope:	1.000000
A1 (Gain):	5.417486	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999957	Status:	OK.
Std Error of Est:	0.001183		
Predicted MDL:	0.000081		
Predicted MQL:	0.000271		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00001	.000	1
S1	.02000	.02024	.000	1.18	.11014	.001	1
S3	2.5000	2.5144	.014	.574	13.634	.104	1
S4	5.0000	4.9320	-.068	-1.36	26.745	.220	1
S5	10.000	10.065	.065	.648	54.578	.272	1
S2	.80000	.78866	-.011	-1.42	4.2767	.008	1

Reviewed By:jaswal
On:5/16/2025 2:34:16 PM
Inst Id :P4
LB :LB135794

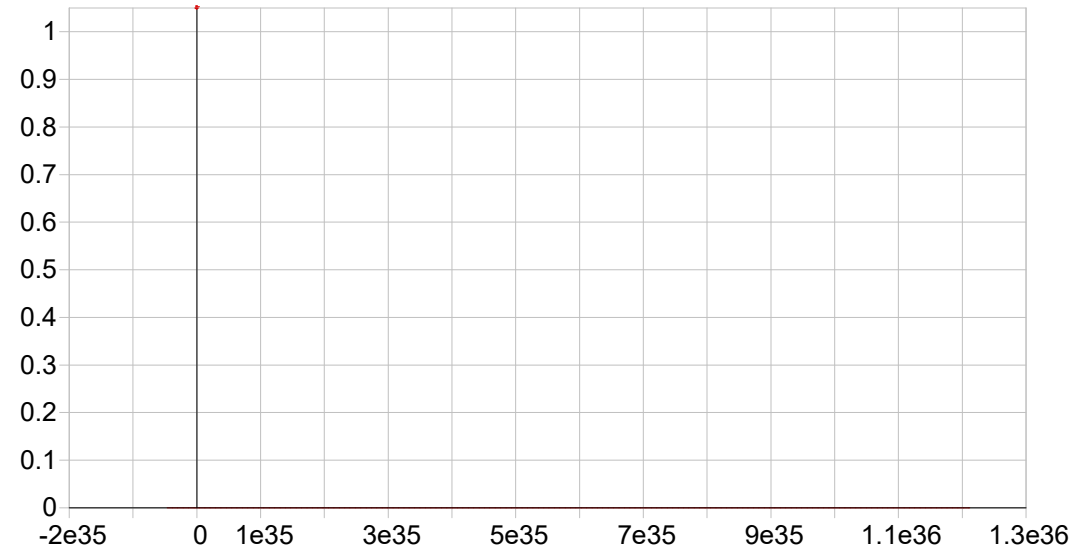


Y 224.306 {450}*

Date of Fit:	5/15/2025 14:18:46	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}*

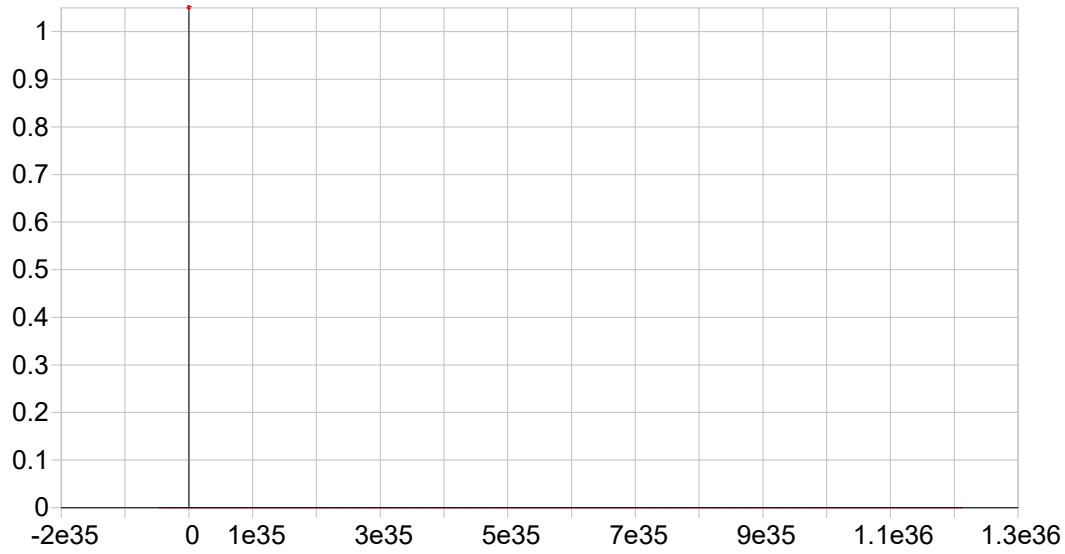
Date of Fit:	<not fit>	Type of Fit:	Linear	Weighting:	1/Conc

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

Reviewed By:jaswal
On:5/16/2025 2:34:16 PM
Inst Id :P4
LB :LB135794

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

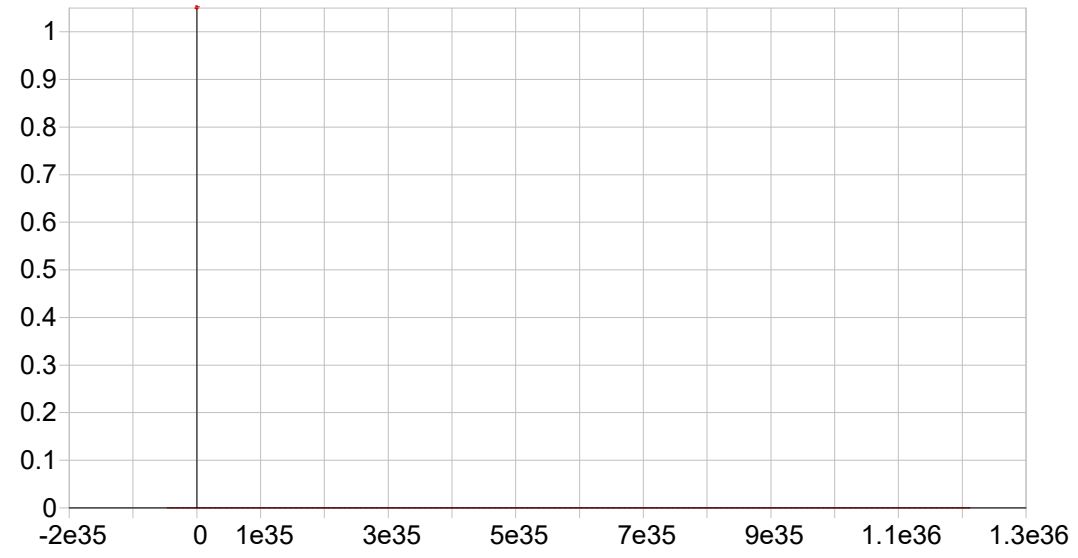


Y 371.030 { 91}*

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

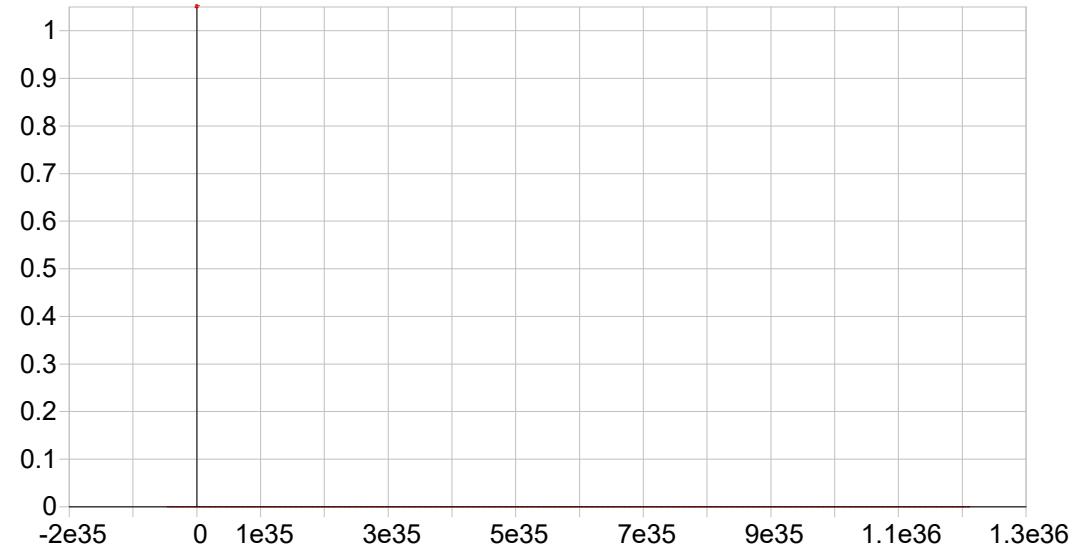
Reviewed By:jaswal
On:5/16/2025 2:34:16 PM
Inst Id :P4
LB :LB135794



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:jaswal
On:5/16/2025 2:34:16 PM
Inst Id :P4
LB :LB135794

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:jaswal
On:5/16/2025 2:34:16 PM
Inst Id :P4
LB :LB135794

Sample Name: S0 Acquired: 5/15/2025 13:12:07 Type: Cal
Method: NON EPA-6010-200.7 NEW LR(v46) 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	-.00010	-.00015	-.00023	.00009	.00038	.00025	.03379	-.00006
Stddev	.00007	.00003	.00023	.00008	.00015	.00020	.00151	.00014
%RSD	63.637	21.164	99.567	94.693	38.937	82.259	4.4789	227.93
#1	-.00014	-.00016	-.00050	.00018	.00021	.00007	.03554	.00008
#2	-.00014	-.00011	-.00011	.00002	.00047	.00021	.03293	-.00006
#3	-.00003	-.00017	-.00008	.00006	.00045	.00047	.03291	-.00021

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	.00009	.00038	.00010	.00010	-.00082	-.00000	.00057	.00000
Stddev	.00005	.00014	.00004	.00025	.00021	.00002	.00010	.00007
%RSD	61.498	37.656	34.417	250.81	25.392	2873.9	18.168	2321.9
#1	.00013	.00025	.00008	-.00004	-.00059	.00001	.00063	.00006
#2	.00003	.00053	.00014	-.00004	-.00087	-.00002	.00064	-.00007
#3	.00010	.00036	.00009	.00038	-.00100	.00001	.00045	.00001

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	-.00014	-.00137	.01415	.00004	.00215	.00063	.00067	.00003
Stddev	.00018	.00006	.00017	.00018	.00076	.00014	.00017	.00003
%RSD	125.36	4.4559	1.1729	495.41	35.367	22.771	25.935	104.79
#1	-.00004	-.00132	.01432	-.00017	.00180	.00048	.00067	.00007
#2	-.00035	-.00136	.01414	.00016	.00303	.00065	.00084	.00002
#3	-.00004	-.00144	.01399	.00012	.00163	.00076	.00049	.00000

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	.00024	.00162	.00016	-.00081	.00018	-.00034	-.00001
Stddev	.00005	.00027	.00001	.00005	.00013	.00047	.00040
%RSD	21.441	16.572	8.3161	6.4825	71.206	137.39	4110.8
#1	.00018	.00161	.00016	-.00075	.00012	-.00074	-.00015
#2	.00027	.00136	.00017	-.00085	.00009	-.00045	-.00032
#3	.00027	.00189	.00015	-.00084	.00033	.00017	.00044

Reviewed By:jaswal
On:5/16/2025 2:34:16 PM
Inst Id :P4
LB :LB135794

Sample Name: S0 Acquired: 5/15/2025 13:12:07 Type: Cal
Method: NON EPA-6010-200.7 NEW LR(v46) 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	2952.5	68649.	18967.	2668.5	4380.8
Stddev	12.0	259.	65.	1.3	17.7
%RSD	.40776	.37655	.34066	.05013	.40504
#1	2949.3	68395.	18954.	2668.9	4374.2
#2	2942.4	68640.	19037.	2669.5	4367.3
#3	2965.8	68912.	18910.	2667.0	4400.9

Reviewed By:jaswal
On:5/16/2025 2:34:16 PM
Inst Id :P4
LB :LB135794

Sample Name: S1 Acquired: 5/15/2025 13:16:29 Type: Cal
Method: NON EPA-6010-200.7 NEW LR(v46) 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	.00061	.00240	.00166	.00106	.00707	.00735	.16748	.01133
Stddev	.00002	.00012	.00023	.00016	.00007	.00024	.00035	.00021
%RSD	3.9515	4.9416	14.061	14.730	.96352	3.2028	.20728	1.8608
#1	.00059	.00235	.00170	.00124	.00699	.00708	.16775	.01111
#2	.00060	.00232	.00141	.00096	.00713	.00751	.16709	.01136
#3	.00064	.00254	.00187	.00098	.00707	.00745	.16759	.01153

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	.01229	.09430	.00162	.02722	.01283	.00043	.00947	.02280
Stddev	.00013	.00011	.00005	.00017	.00014	.00001	.00011	.00005
%RSD	1.0906	.12183	3.3311	.61351	1.1256	2.3799	1.1838	.21217
#1	.01228	.09443	.00157	.02718	.01279	.00042	.00935	.02280
#2	.01215	.09422	.00168	.02740	.01270	.00042	.00957	.02285
#3	.01242	.09425	.00163	.02708	.01298	.00044	.00950	.02275

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	.02678	.00114	.07982	.00303	.08811	.01364	.02163	.10316
Stddev	.00027	.00003	.00034	.00009	.00036	.00015	.00017	.00020
%RSD	1.0058	2.7004	.42791	3.0853	.41329	1.1093	.79322	.18916
#1	.02709	.00117	.07965	.00292	.08806	.01371	.02171	.10328
#2	.02668	.00111	.08022	.00308	.08850	.01375	.02144	.10326
#3	.02658	.00114	.07961	.00309	.08778	.01347	.02176	.10293

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	.00382	.01115	.00159	-.00028	.00073	.01233	.11014
Stddev	.00005	.00008	.00002	.00010	.00007	.00036	.00088
%RSD	1.3022	.75592	1.3587	33.769	10.255	2.8926	.80330
#1	.00381	.01119	.00158	-.00022	.00073	.01191	.10915
#2	.00378	.01105	.00162	-.00039	.00065	.01254	.11086
#3	.00388	.01120	.00158	-.00023	.00080	.01252	.11041

Reviewed By:jaswal
On:5/16/2025 2:34:16 PM
Inst Id :P4
LB :LB135794

Sample Name: S1 Acquired: 5/15/2025 13:16:29 Type: Cal
Method: NON EPA-6010-200.7 NEW LR(v46) 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	2928.9	66160.	18770.	2622.1	4280.9
Stddev	10.6	271.	40.	11.3	13.8
%RSD	.36067	.40922	.21346	.43059	.32207
#1	2919.1	65857.	18727.	2609.9	4266.3
#2	2940.1	66246.	18806.	2624.0	4293.6
#3	2927.5	66378.	18778.	2632.3	4282.9

Reviewed By:jaswal
On:5/16/2025 2:34:16 PM
Inst Id :P4
LB :LB135794

Sample Name: S2 Acquired: 5/15/2025 13:20:49 Type: Cal
Method: NON EPA-6010-200.7 NEW LR(v46) 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	.02753	.05058	.13155	.03946	.09953	.10454	2.1067	.07914
Stddev	.00017	.00064	.00065	.00042	.00080	.00043	.0073	.00027
%RSD	.60376	1.2623	.49614	1.0622	.79934	.40768	.34907	.33650
#1	.02762	.05075	.13219	.03978	.10019	.10410	2.1054	.07888
#2	.02763	.05111	.13159	.03962	.09977	.10458	2.1001	.07913
#3	.02734	.04987	.13088	.03898	.09865	.10495	2.1146	.07941

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	.77055	.18266	.02489	.35908	.12277	.00326	.17303	.04270
Stddev	.00189	.00050	.00006	.00118	.00058	.00001	.00098	.00054
%RSD	.24530	.27466	.24670	.32998	.47551	.32381	.56774	1.2701
#1	.77018	.18285	.02482	.35898	.12308	.00326	.17231	.04315
#2	.77260	.18209	.02491	.36032	.12313	.00327	.17264	.04210
#3	.76887	.18303	.02494	.35795	.12209	.00325	.17415	.04286

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	.26782	.04839	.13426	.03015	.82127	.02457	.16659	.39135
Stddev	.00075	.00012	.00037	.00028	.00110	.00018	.00102	.00204
%RSD	.28188	.25385	.27710	.94412	.13336	.74529	.61358	.52214
#1	.26767	.04825	.13438	.02984	.82106	.02476	.16551	.39131
#2	.26864	.04848	.13384	.03040	.82245	.02440	.16754	.39341
#3	.26715	.04844	.13456	.03021	.82029	.02454	.16671	.38932

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	.06341	.18288	.00284	.01906	.01856	.50018	4.2767
Stddev	.00029	.00032	.00002	.00004	.00012	.00156	.0083
%RSD	.45051	.17360	.79008	.22310	.63265	.31182	.19317
#1	.06350	.18255	.00282	.01906	.01848	.49876	4.2679
#2	.06363	.18289	.00284	.01910	.01869	.49994	4.2779
#3	.06309	.18319	.00287	.01901	.01851	.50185	4.2843

Reviewed By:jaswal
On:5/16/2025 2:34:16 PM
Inst Id :P4
LB :LB135794

Sample Name: S2 Acquired: 5/15/2025 13:20:49 Type: Cal
Method: NON EPA-6010-200.7 NEW LR(v46) 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	2955.9	66514.	17821.	2672.2	4251.2
Stddev	10.2	117.	59.	3.2	13.5
%RSD	.34655	.17593	.32988	.11817	.31749
#1	2950.8	66644.	17889.	2675.6	4241.0
#2	2949.1	66477.	17790.	2669.4	4246.1
#3	2967.6	66419.	17784.	2671.5	4266.5

Reviewed By:jaswal
On:5/16/2025 2:34:16 PM
Inst Id :P4
LB :LB135794

Sample Name: S3 Acquired: 5/15/2025 13:24:57 Type: Cal
Method: NON EPA-6010-200.7 NEW LR(v46) 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	.08902	.16221	.42225	.12738	.31868	.33002	6.8088	.24066
Stddev	.00047	.00302	.00150	.00131	.00177	.00045	.0116	.00107
%RSD	.53281	1.8595	.35597	1.0307	.55574	.13647	.16971	.44421
#1	.08849	.15874	.42063	.12641	.31697	.32951	6.8040	.24094
#2	.08918	.16371	.42249	.12684	.31857	.33036	6.8220	.23948
#3	.08939	.16419	.42361	.12887	.32051	.33019	6.8005	.24157

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	2.4749	.57889	.07799	1.1549	.39131	.01064	.54307	.13389
Stddev	.0108	.00031	.00032	.0048	.00199	.00003	.00145	.00045
%RSD	.43805	.05377	.40542	.41410	.50806	.29772	.26648	.33845
#1	2.4629	.57890	.07834	1.1494	.38924	.01068	.54271	.13391
#2	2.4838	.57857	.07773	1.1579	.39150	.01064	.54185	.13343
#3	2.4782	.57920	.07791	1.1575	.39320	.01062	.54467	.13434

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	.86016	.15514	.41712	.09677	2.6226	.08133	.50206	1.2351
Stddev	.00309	.00017	.00212	.00018	.0097	.00046	.00091	.0046
%RSD	.35924	.11245	.50709	.18758	.36887	.57132	.18035	.37662
#1	.85660	.15517	.41698	.09677	2.6280	.08138	.50132	1.2299
#2	.86205	.15495	.41929	.09694	2.6114	.08177	.50179	1.2366
#3	.86183	.15530	.41507	.09658	2.6282	.08084	.50307	1.2388

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	.20532	.58063	.00937	.06549	.06216	1.5876	13.634
Stddev	.00109	.00119	.00004	.00088	.00061	.0041	.104
%RSD	.52912	.20474	.40800	1.3495	.97619	.25877	.76522
#1	.20410	.58114	.00938	.06449	.06148	1.5855	13.568
#2	.20570	.58148	.00933	.06586	.06234	1.5923	13.580
#3	.20617	.57927	.00941	.06614	.06265	1.5850	13.755

Reviewed By:jaswal
On:5/16/2025 2:34:16 PM
Inst Id :P4
LB :LB135794

Sample Name: S3 Acquired: 5/15/2025 13:24:57 Type: Cal
Method: NON EPA-6010-200.7 NEW LR(v46) 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	2850.1	64806.	18392.	2596.4	4004.6
Stddev	8.2	118.	77.	4.4	16.8
%RSD	.28874	.18168	.41782	.17023	.41870
#1	2858.9	64671.	18374.	2598.6	4024.0
#2	2848.6	64864.	18476.	2599.3	3994.9
#3	2842.7	64884.	18326.	2591.3	3994.9

Reviewed By:jaswal
On:5/16/2025 2:34:16 PM
Inst Id :P4
LB :LB135794

Sample Name: S4 Acquired: 5/15/2025 13:29:07 Type: Cal
Method: NON EPA-6010-200.7 NEW LR(v46) 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	.17311	.31491	.83320	.24489	.62238	.66164	13.541	.47850
Stddev	.00033	.00141	.00129	.00064	.00147	.00130	.170	.00119
%RSD	.19261	.44924	.15478	.26150	.23669	.19595	1.2536	.24963
#1	.17336	.31643	.83336	.24541	.62402	.66313	13.402	.47941
#2	.17273	.31467	.83440	.24417	.62116	.66102	13.730	.47715
#3	.17324	.31363	.83183	.24508	.62196	.66077	13.489	.47894

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4.8925	1.1563	.15351	2.2865	.75609	.02139	1.0757	.27068
Stddev	.0042	.0022	.00031	.0018	.00235	.00007	.0015	.00061
%RSD	.08636	.19366	.20175	.07636	.31079	.31440	.13648	.22453
#1	4.8911	1.1589	.15387	2.2882	.75831	.02131	1.0755	.27081
#2	4.8973	1.1554	.15332	2.2865	.75363	.02142	1.0772	.27120
#3	4.8892	1.1547	.15334	2.2848	.75632	.02143	1.0743	.27001

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	1.6922	.30700	.82145	.19451	5.1619	.16292	1.0045	2.4234
Stddev	.0019	.00052	.00103	.00052	.0039	.00048	.0018	.0076
%RSD	.10959	.16873	.12571	.26585	.07468	.29744	.18204	.31456
#1	1.6931	.30663	.82229	.19503	5.1580	.16340	1.0052	2.4309
#2	1.6934	.30679	.82030	.19451	5.1657	.16244	1.0025	2.4156
#3	1.6901	.30760	.82178	.19400	5.1621	.16293	1.0059	2.4236

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	.40537	1.1609	.01859	.12922	.12206	3.2267	26.745
Stddev	.00086	.0036	.00005	.00019	.00038	.0150	.220
%RSD	.21327	.31153	.25199	.15029	.31147	.46336	.82074
#1	.40613	1.1651	.01863	.12932	.12250	3.2412	26.985
#2	.40555	1.1585	.01859	.12933	.12178	3.2113	26.555
#3	.40443	1.1591	.01854	.12899	.12191	3.2275	26.694

Reviewed By:jaswal
On:5/16/2025 2:34:16 PM
Inst Id :P4
LB :LB135794

Sample Name: S4 Acquired: 5/15/2025 13:29:07 Type: Cal
Method: NON EPA-6010-200.7 NEW LR(v46) 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	2880.9	64014.	18055.	2550.6	3987.7
Stddev	13.1	28.	22.	3.1	8.8
%RSD	.45308	.04353	.12428	.12055	.22042
#1	2867.7	64039.	18029.	2551.3	3977.7
#2	2893.8	64018.	18071.	2547.2	3991.8
#3	2881.2	63984.	18065.	2553.3	3993.8

Reviewed By:jaswal
On:5/16/2025 2:34:16 PM
Inst Id :P4
LB :LB135794

Sample Name: S5 Acquired: 5/15/2025 13:33:20 Type: Cal
Method: NON EPA-6010-200.7 NEW LR(v46) 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	.35808	.63332	1.7021	.50376	1.2802	1.3742	27.629	1.0056
Stddev	.00118	.00668	.0062	.00269	.0032	.0029	.316	.0047
%RSD	.33057	1.0547	.36126	.53445	.25061	.21292	1.1434	.46855
#1	.35781	.63461	1.7056	.50413	1.2814	1.3752	27.954	1.0032
#2	.35705	.62609	1.6950	.50090	1.2766	1.3766	27.607	1.0110
#3	.35937	.63926	1.7056	.50625	1.2827	1.3710	27.324	1.0025

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	10.060	2.3569	.30557	4.7040	1.5257	.04156	2.1757	.55763
Stddev	.040	.0054	.00084	.0166	.0023	.00013	.0061	.00121
%RSD	.39718	.22733	.27518	.35304	.15170	.30905	.28169	.21785
#1	10.057	2.3590	.30546	4.7074	1.5255	.04169	2.1708	.55801
#2	10.022	2.3609	.30646	4.6860	1.5235	.04144	2.1826	.55861
#3	10.102	2.3508	.30479	4.7187	1.5281	.04155	2.1738	.55627

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	3.4579	.62581	1.6474	.39652	10.246	.32989	2.1195	4.8674
Stddev	.0147	.00164	.0039	.00061	.024	.00107	.0072	.0118
%RSD	.42397	.26142	.23344	.15382	.23137	.32473	.34148	.24196
#1	3.4587	.62574	1.6518	.39655	10.238	.33098	2.1199	4.8722
#2	3.4429	.62748	1.6447	.39712	10.272	.32884	2.1266	4.8540
#3	3.4722	.62421	1.6458	.39590	10.227	.32986	2.1121	4.8761

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	.83239	2.3750	.03662	.27362	.26175	6.7992	54.578
Stddev	.00297	.0031	.00006	.00183	.00109	.0125	.272
%RSD	.35632	.12964	.16555	.66916	.41489	.18352	.49785
#1	.83262	2.3786	.03656	.27408	.26132	6.8136	54.743
#2	.82932	2.3732	.03662	.27160	.26094	6.7914	54.726
#3	.83524	2.3732	.03668	.27518	.26298	6.7927	54.264

Reviewed By:jaswal
On:5/16/2025 2:34:16 PM
Inst Id :P4
LB :LB135794

Sample Name: S5 Acquired: 5/15/2025 13:33:20 Type: Cal
Method: NON EPA-6010-200.7 NEW LR(v46) 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	2767.4	62969.	17062.	2493.2	3741.7
Stddev	1.5	117.	71.	2.8	9.1
%RSD	.05441	.18635	.41838	.11311	.24300
#1	2766.7	63087.	17122.	2496.2	3740.2
#2	2769.2	62853.	16983.	2492.7	3751.5
#3	2766.4	62966.	17079.	2490.6	3733.5

Reviewed By:jaswal
On:5/16/2025 2:34:16 PM
Inst Id :P4
LB :LB135794

Sample Name: ICV01 Acquired: 5/15/2025 13:37:41 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v46) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9971889	1.032316	.9890815	1.020727	.9908780	2.431232
Stddev	.0060121	.010475	.0031859	.004494	.0007468	.001087
%RSD	.6029012	1.014745	.3221048	.4402504	.0753664	.0446952
#1	.9996470	1.020521	.9877196	1.017708	.9907922	2.431728
#2	.9903373	1.035889	.9927220	1.018582	.9901778	2.431982
#3	1.001583	1.040537	.9868030	1.025892	.9916640	2.429986

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5154770	.4800815	.5003861	9.527015	.5057412	.4920410
Stddev	.0015282	.0046172	.0010816	.021818	.0021344	.0011622
%RSD	.2964570	.9617642	.2161574	.2290125	.4220316	.2361926
#1	.5171205	.4749139	.4992702	9.508585	.5032845	.4911191
#2	.5152117	.4815292	.5004584	9.551105	.5067989	.4916575
#3	.5140989	.4838014	.5014298	9.521355	.5071402	.4933465

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5081491	9.531655	.4915034	5.580950	.4941152	.2366688
Stddev	.0006513	.041641	.0016477	.033699	.0006566	.0014554
%RSD	.1281675	.4368749	.3352397	.6038280	.1328769	.6149485
#1	.5086067	9.553706	.4907669	5.564076	.4933873	.2349885
#2	.5074035	9.557633	.4903525	5.559021	.4946628	.2375350
#3	.5084372	9.483625	.4933909	5.619753	.4942954	.2374828

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.882084	.4743860	1.002250	9.271963	2.392812	2.497662
Stddev	.047991	.0005260	.004636	.069517	.026386	.005642
%RSD	.4856359	.1108749	.4625108	.7497516	1.102702	.2259070
#1	9.928109	.4746672	.997829	9.346376	2.364960	2.496482
#2	9.885798	.4737792	1.001848	9.208688	2.396043	2.492703
#3	9.832343	.4747116	1.007074	9.260825	2.417434	2.503801

Reviewed By:jaswal
On:5/16/2025 2:34:16 PM
Inst Id :P4
LB :LB135794

Sample Name: ICV01 Acquired: 5/15/2025 13:37:41 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v46) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICV01 Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.396248	2.407189	F 2.230760	F .0067973	F .0039944	F .0015718
Stddev	.008455	.006253	.009199	.0034662	.0024331	.0001562
%RSD	.3528337	.2597586	.4123633	50.99396	60.91168	9.936508
#1	2.386504	2.411508	2.241381	.0066495	.0017380	.0017521
#2	2.400594	2.400019	2.225453	.0034074	.0065722	.0014802
#3	2.401646	2.410040	2.225444	.0103351	.0036731	.0014830

Elem	Sr4077
Units	ppm
Avg	F -.007314
Stddev	.000009
%RSD	.1163000
#1	-.007307
#2	-.007324
#3	-.007312

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2927.726	65843.51	18262.25	2611.726	4200.614
Stddev	9.349	98.69	57.69	3.787	11.030
%RSD	.3193394	.1498808	.3158875	.1450103	.2625786
#1	2916.975	65729.76	18294.46	2611.596	4187.997
#2	2933.952	65894.58	18296.64	2615.576	4205.419
#3	2932.250	65906.21	18195.65	2608.005	4208.426

Reviewed By:jaswal
On:5/16/2025 2:34:16 PM
Inst Id :P4
LB :LB135794

Sample Name: LLICV01 Acquired: 5/15/2025 13:42:42 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v46) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LLICV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0231548	.0425708	.0122279	.0200541	.0536969	.1039232	.0957261
Stddev	.0016829	.0008327	.0007783	.0033994	.0008044	.0035653	.0008367
%RSD	7.268214	1.956034	6.364905	16.95126	1.498037	3.430701	.8740689
#1	.0247978	.0416100	.0124802	.0238764	.0542252	.1079399	.0959619
#2	.0232320	.0430832	.0128488	.0189166	.0540943	.1026968	.0947968
#3	.0214346	.0430192	.0113548	.0173692	.0527712	.1011330	.0964197

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0059830	.0060805	2.010184	.0096592	.0291602	.0226107	.0984862
Stddev	.0000333	.0000422	.001891	.0005202	.0002651	.0000941	.0039778
%RSD	.5567319	.6949028	.0940812	5.385262	.9090774	.4162520	4.038954
#1	.0059572	.0060591	2.012146	.0091819	.0288705	.0226104	.0980597
#2	.0059712	.0060532	2.008373	.0095819	.0293908	.0227050	.0947388
#3	.0060206	.0061291	2.010031	.0102136	.0292192	.0225167	.1026601

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0205518	2.067498	.0395659	.0101898	1.886169	.0383506	.0428197
Stddev	.0001242	.020819	.0002571	.0004032	.012067	.0016407	.0003607
%RSD	.6044044	1.006973	.6499351	3.956480	.6397572	4.278207	.8424529
#1	.0204555	2.045011	.0398608	.0103747	1.872853	.0394010	.0429066
#2	.0206920	2.086102	.0394486	.0097274	1.889273	.0391908	.0431291
#3	.0205079	2.071381	.0393884	.0104674	1.896381	.0364599	.0424235

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.960116	.1183229	.2119717	.0441889	.0402979	.3880392	.0198568
Stddev	.010797	.0009551	.0005724	.0005588	.0003737	.0031913	.0023324
%RSD	.5508324	.8071782	.2700515	1.264510	.9274163	.8224091	11.74626
#1	1.958380	.1194227	.2113795	.0448306	.0399667	.3916221	.0181610
#2	1.971675	.1177021	.2120135	.0438100	.0402240	.3855018	.0225167
#3	1.950292	.1178439	.2125221	.0439261	.0407031	.3869938	.0188927

Reviewed By:jaswal
On:5/16/2025 2:34:16 PM
Inst Id :P4
LB :LB135794

Sample Name: LLICV01 Acquired: 5/15/2025 13:42:42 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v46) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LLICV01 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0196009	.0177889	.0203556
Stddev	.0035383	.0005379	.0000601
%RSD	18.05174	3.023630	.2953202
#1	.0178793	.0184044	.0203795
#2	.0172529	.0174093	.0204002
#3	.0236706	.0175529	.0202873

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2917.655	66508.14	18369.88	2651.269	4258.852
Stddev	3.422	129.76	68.04	3.122	7.477
%RSD	.1172690	.1951027	.3703746	.1177628	.1755750
#1	2916.218	66648.88	18371.45	2653.186	4258.336
#2	2921.560	66482.28	18437.13	2647.667	4266.574
#3	2915.186	66393.26	18301.08	2652.956	4251.646

Reviewed By:jaswal
On:5/16/2025 2:34:16 PM
Inst Id :P4
LB :LB135794

Sample Name: ICB01 Acquired: 5/15/2025 13:47:01 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v46) 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	-.000922	.0006148	.0004247	.0018563	.0009790	.0086115	-.000429
Stddev	.002537	.0013679	.0007660	.0031445	.0004250	.0020672	.000524
%RSD	275.0495	222.5044	180.3575	169.3920	43.41190	24.00489	122.0320
#1	.000723	-.000950	.0013049	.0044903	.0005189	.0066705	.000037
#2	-.003844	.001208	.0000598	.0027037	.0013569	.0107852	-.000329
#3	.000354	.001586	-.000091	-.001625	.0010613	.0083790	-.000996

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000986	.0000872	.0052000	-.000149	.0000785	-.000082	.0085952
Stddev	.0000404	.0001127	.0064989	.000245	.0002386	.000639	.0025617
%RSD	40.92692	129.2739	124.9783	163.9179	303.9460	776.1995	29.80385
#1	.0001101	.0000522	.0102428	.000092	.0003526	-.000501	.0088773
#2	.0000538	-.000004	-.002134	-.000143	-.000082	-.000399	.0059042
#3	.0001321	.000213	.007491	-.000398	-.000035	.000654	.0110042

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002595	.0043364	.0000628	.0000059	-.138890	-.000596	.0009787
Stddev	.0000822	.0097815	.0003337	.0006043	.005080	.001325	.0001559
%RSD	31.66008	225.5695	531.1960	10281.96	3.657288	222.3527	15.92763
#1	.0002816	.0146838	.0001329	-.000686	-.144368	-.002037	.0008055
#2	.0001686	-.004759	.0003559	.000433	-.134335	.000570	.0011078
#3	.0003285	.003084	-.000300	.000270	-.137968	-.000320	.0010227

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.011577	.0056284	.0004057	-.000868	.0001049	-.011669	-.003634
Stddev	.019106	.0000752	.0001014	.000724	.0008392	.009088	.001627
%RSD	165.0298	1.336200	24.98970	83.31113	799.6850	77.88280	44.77946
#1	.007906	.0055940	.0004765	-.000630	.0003855	-.003811	-.005072
#2	-.012356	.0055766	.0002895	-.000294	.0007679	-.009574	-.001868
#3	-.030281	.0057146	.0004510	-.001681	-.000839	-.021622	-.003961

Reviewed By:jaswal
On:5/16/2025 2:34:16 PM
Inst Id :P4
LB :LB135794

Sample Name: ICB01 Acquired: 5/15/2025 13:47:01 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v46) 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	.0018419	-.001331	.0000840
Stddev	.0030814	.000527	.0000834
%RSD	167.2966	39.55940	99.31073
#1	.0053791	-.001229	.0000795
#2	.0004060	-.000863	.0001696
#3	-.000260	-.001901	.0000029

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2951.157	67646.29	18634.89	2689.889	4355.110
Stddev	6.183	216.72	47.84	8.595	14.419
%RSD	.2095205	.3203724	.2567279	.3195253	.3310860
#1	2955.874	67821.42	18582.57	2699.435	4368.328
#2	2953.440	67713.53	18645.70	2687.469	4357.269
#3	2944.157	67403.92	18676.40	2682.764	4339.733

Reviewed By:jaswal
On:5/16/2025 2:34:16 PM
Inst Id :P4
LB :LB135794

Sample Name: CRI01 Acquired: 5/15/2025 13:51:20 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v46) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CRI01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0214498	.0424735	.0122566	.0224102	.0527695	.1023677	.0943298
Stddev	.0024816	.0006003	.0016141	.0040755	.0022609	.0035057	.0001484
%RSD	11.56950	1.413271	13.16945	18.18590	4.284405	3.424591	.1572912
#1	.0242843	.0421014	.0118781	.0270341	.0547199	.1028977	.0944755
#2	.0196684	.0421532	.0140263	.0208557	.0502915	.0986271	.0941789
#3	.0203965	.0431660	.0108653	.0193407	.0532970	.1055781	.0943350

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0058114	.0060460	2.007636	.0097839	.0292037	.0222087	.1035126
Stddev	.0000771	.0000692	.013679	.0004462	.0002360	.0002821	.0013034
%RSD	1.325948	1.144667	.6813731	4.560233	.8079775	1.270127	1.259118
#1	.0058772	.0061245	2.020089	.0101656	.0291982	.0218849	.1032621
#2	.0058304	.0060194	1.992994	.0098927	.0294424	.0223404	.1049231
#3	.0057267	.0059940	2.009824	.0092934	.0289706	.0224009	.1023528

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0204318	2.058639	.0390676	.0101074	1.875909	.0381500	.0425005
Stddev	.0002603	.016026	.0003374	.0001333	.009335	.0003953	.0003230
%RSD	1.273785	.7784700	.8636075	1.318880	.4976400	1.036136	.7599006
#1	.0201590	2.073897	.0389641	.0101788	1.871510	.0382035	.0426793
#2	.0206773	2.041942	.0394446	.0101897	1.869587	.0385158	.0421277
#3	.0204590	2.060079	.0387941	.0099536	1.886632	.0377306	.0426946

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.924445	.1046046	.2104345	.0450343	.0395191	.3906956	.0196209
Stddev	.030334	.0003855	.0001014	.0007780	.0008829	.0118317	.0020309
%RSD	1.576250	.3685532	.0481610	1.727490	2.234224	3.028366	10.35054
#1	1.890022	.1048336	.2103262	.0447185	.0405325	.3815137	.0174770
#2	1.936049	.1041595	.2105271	.0459205	.0391090	.3865252	.0198699
#3	1.947264	.1048208	.2104502	.0444640	.0389158	.4040477	.0215158

Reviewed By:jaswal
On:5/16/2025 2:34:16 PM
Inst Id :P4
LB :LB135794

Sample Name: CRI01 Acquired: 5/15/2025 13:51:20 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v46) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CRI01 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0193690	.0190596	.0200341
Stddev	.0031635	.0008692	.0000733
%RSD	16.33260	4.560459	.3660606
#1	.0192961	.0193255	.0201163
#2	.0162426	.0180885	.0200110
#3	.0225683	.0197647	.0199752

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2928.197	66570.27	18814.66	2660.539	4279.540
Stddev	4.107	193.26	87.70	13.129	9.274
%RSD	.1402561	.2903069	.4661461	.4934565	.2167086
#1	2923.797	66391.21	18739.47	2654.540	4272.751
#2	2928.866	66775.13	18793.51	2675.595	4275.761
#3	2931.929	66544.48	18911.01	2651.482	4290.106

Reviewed By:jaswal
On:5/16/2025 2:34:16 PM
Inst Id :P4
LB :LB135794

Sample Name: ICSA01 Acquired: 5/15/2025 14:01:31 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v46) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICSA01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0055955	.0063954	.0012989	-.005775	-.002733	232.1862	.0027114
Stddev	.0009209	.0018615	.0013299	.002044	.001310	.8824	.0008514
%RSD	16.45716	29.10617	102.3818	35.39635	47.93507	.3800471	31.40162
#1	.0065122	.0085300	-.000050	-.006884	-.003960	231.6059	.0018077
#2	.0046705	.0051094	.001338	-.003416	-.001353	233.2016	.0028282
#3	.0056038	.0055469	.002609	-.007026	-.002887	231.7509	.0034985

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0013039	-.003021	219.6478	.0522663	.0012348	-.002098	93.29191
Stddev	.0000475	.000485	1.0183	.0005001	.0001242	.000683	1.15461
%RSD	3.646487	16.05705	.4636012	.9568337	10.05577	32.56833	1.237629
#1	.0013536	-.002984	219.5432	.0528427	.0013319	-.001574	93.79916
#2	.0012588	-.003523	220.7144	.0520084	.0012776	-.002870	94.10607
#3	.0012992	-.002555	218.6859	.0519478	.0010949	-.001848	91.97051

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0073851	230.6050	.0013131	-.000091	-.005990	.0014905	.0033340
Stddev	.0003617	.8625	.0006912	.000090	.007289	.0001940	.0001901
%RSD	4.897369	.3740139	52.63649	98.92378	121.7019	13.01598	5.700451
#1	.0071304	230.0987	.0006505	.000007	-.006930	.0016877	.0032064
#2	.0072258	231.6009	.0020297	-.000170	.001725	.0014840	.0032432
#3	.0077991	230.1155	.0012592	-.000111	-.012763	.0012998	.0035524

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0036519	.0291658	.0003796	-.006021	-.001717	.0167349	.0001885
Stddev	.0060217	.0018261	.0008593	.002105	.001432	.0041542	.0039264
%RSD	164.8919	6.261039	226.3715	34.96146	83.42516	24.82350	2083.132
#1	.0102370	.0303233	.0005606	-.008403	-.003050	.0207013	.0016128
#2	.0022930	.0301134	-.000556	-.004412	-.000202	.0170880	.0032039
#3	-.001574	.0270607	.001134	-.005248	-.001899	.0124155	-.004251

Reviewed By:jaswal
On:5/16/2025 2:34:16 PM
Inst Id :P4
LB :LB135794

Sample Name: ICSA01 Acquired: 5/15/2025 14:01:31 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v46) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICSA01 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.010795	.0028680	.0043472
Stddev	.005290	.0003406	.0009957
%RSD	49.00872	11.87547	22.90345
#1	-.012422	.0032219	.0036688
#2	-.015081	.0025425	.0038825
#3	-.004882	.0028397	.0054902

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2701.663	60389.86	18348.31	2422.648	3588.356
Stddev	6.671	488.26	35.63	15.414	10.147
%RSD	.2469176	.8085081	.1941647	.6362646	.2827699
#1	2695.744	60232.52	18387.04	2420.034	3576.938
#2	2700.352	59999.68	18316.94	2408.707	3591.789
#3	2708.892	60937.39	18340.96	2439.202	3596.342

Reviewed By:jaswal
On:5/16/2025 2:34:16 PM
Inst Id :P4
LB :LB135794

Sample Name: ICSAB01 Acquired: 5/15/2025 14:05:48 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v46) 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	.1067879	.1039933	.0454062	.0375690	.5743353	231.4854
Stddev	.0033226	.0012389	.0030710	.0048332	.0017150	.7793
%RSD	3.111441	1.191286	6.763472	12.86499	.2986121	.3366565
#1	.1103886	.1052799	.0453223	.0349214	.5723816	231.7885
#2	.1038404	.1038915	.0423779	.0431476	.5750318	232.0676
#3	.1061346	.1028085	.0485183	.0346381	.5755925	230.6001

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4489496	.4482907	.9505305	219.5954	.5245347	.4696641
Stddev	.0020015	.0005267	.0010301	.4695	.0008411	.0008495
%RSD	.4458105	.1174885	.1083757	.2137862	.1603468	.1808835
#1	.4511994	.4488138	.9501458	220.0985	.5250984	.4687452
#2	.4482825	.4477605	.9497481	219.5186	.5249378	.4698263
#3	.4473668	.4482980	.9516976	219.1691	.5235680	.4704209

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4528685	93.79372	.4538676	230.5298	.9243391	.2135671
Stddev	.0006042	.27623	.0022249	.9012	.0007693	.0010086
%RSD	.1334132	.2945038	.4902150	.3909222	.0832277	.4722562
#1	.4535522	94.01868	.4561520	231.5655	.9240668	.2140254
#2	.4526473	93.87705	.4537432	230.0996	.9252075	.2142651
#3	.4524062	93.48542	.4517074	229.9244	.9237430	.2124107

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.057944	.4422710	.9650436	-.015496	.9093648	.9674462
Stddev	.007837	.0031343	.0021761	.012576	.0012019	.0001985
%RSD	13.52582	.7086773	.2254870	81.15681	.1321733	.0205209
#1	-.066969	.4436808	.9630730	-.000978	.9105089	.9676418
#2	-.052855	.4444528	.9673790	-.022459	.9081123	.9674518
#3	-.054008	.4386794	.9646787	-.023051	.9094732	.9672449

Reviewed By:jaswal
On:5/16/2025 2:34:16 PM
Inst Id :P4
LB :LB135794

Sample Name: ICSAB01 Acquired: 5/15/2025 14:05:48 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v46) 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	.9648708	.9251911	.9199577	F .0012057	F -.015063	F .0027472
Stddev	.0026083	.0023101	.0125277	.0029985	.002899	.0005593
%RSD	.2703303	.2496936	1.361773	248.7035	19.24433	20.35745
#1	.9618676	.9262999	.9118268	-.000907	-.014456	.0032740
#2	.9665700	.9267378	.9136616	.004638	-.012516	.0028074
#3	.9661749	.9225356	.9343847	-.000113	-.018218	.0021603

Elem	Sr4077
Units	ppm
Avg	F .0037968
Stddev	.0002251
%RSD	5.928189
#1	.0038028
#2	.0040188
#3	.0035687

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2694.414	59912.23	18307.66	2409.702	3597.166
Stddev	8.109	356.99	91.14	6.906	8.244
%RSD	.3009402	.5958506	.4978236	.2866074	.2291740
#1	2685.445	59583.98	18210.52	2405.570	3587.961
#2	2696.573	59860.40	18321.17	2405.860	3603.869
#3	2701.225	60292.29	18391.30	2417.675	3599.669

Reviewed By:jaswal
On:5/16/2025 2:34:16 PM
Inst Id :P4
LB :LB135794

Sample Name: ICSADLX20 Acquired: 5/15/2025 14:09:52 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v46) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICSA01DLX20 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000696	.0019307	-.000131	.0059290	.0009135	11.47077	-.001177
Stddev	.004521	.0022688	.001401	.0013244	.0032334	.03220	.000455
%RSD	649.0819	117.5160	1069.195	22.33674	353.9516	.2807108	38.62011
#1	.000574	.0044892	.001335	.0074410	-.000701	11.43570	-.001214
#2	.003053	.0011393	-.000270	.0049750	-.001195	11.49900	-.000705
#3	-.005717	.0001635	-.001458	.0053710	.004636	11.47760	-.001613

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002145	-.000135	11.20448	.0021774	.0000078	-.000199	4.302369
Stddev	.0000452	.000049	.04709	.0005838	.0000817	.000156	.020822
%RSD	21.07705	36.17227	.4202512	26.81108	1052.570	78.07024	.4839606
#1	.0002666	-.000152	11.19872	.0028274	.0000205	-.000261	4.280950
#2	.0001867	-.000173	11.16054	.0016977	-.000080	-.000022	4.303618
#3	.0001901	-.000080	11.25419	.0020072	.000082	-.000315	4.322537

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001984	11.32072	.0000762	.0000109	-.153966	-.000738	.0007874
Stddev	.0001428	.03880	.0001340	.0003380	.007390	.001663	.0001361
%RSD	71.94859	.3427733	175.7816	3107.264	4.800054	225.2206	17.28681
#1	.0000637	11.31831	.0002208	-.000304	-.161065	-.002400	.0007829
#2	.0001835	11.28317	-.000044	.000368	-.146315	-.000741	.0009257
#3	.0003480	11.36067	.000052	-.000031	-.154518	.000926	.0006536

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.027484	.0029604	.0001204	.0011138	.0005271	-.008352	-.005062
Stddev	.030646	.0005732	.0002366	.0014636	.0007002	.011192	.002421
%RSD	111.5034	19.36112	196.4746	131.4065	132.8303	134.0014	47.82746
#1	-.016279	.0023443	.0001712	-.000570	.0006353	.004369	-.003101
#2	-.004018	.0030592	-.000137	.001832	.0011669	-.012742	-.004317
#3	-.062155	.0034778	.000328	.002080	-.000221	-.016684	-.007769

Reviewed By:jaswal
On:5/16/2025 2:34:16 PM
Inst Id :P4
LB :LB135794

Sample Name: ICSADLX20 Acquired: 5/15/2025 14:09:52 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v46) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICSA01DLX20 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001503	-.001215	.0006483
Stddev	.001519	.001143	.0000290
%RSD	101.0633	94.12741	4.475026
#1	-.003022	-.001976	.0006150
#2	-.001506	-.001768	.0006621
#3	.000017	.000100	.0006679

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2932.647	66556.97	17845.24	2659.598	4233.494
Stddev	14.019	311.94	13.89	10.917	11.901
%RSD	.4780466	.4686778	.0778624	.4104699	.2811183
#1	2919.849	66868.59	17856.89	2671.702	4221.824
#2	2930.460	66244.72	17829.86	2650.497	4233.043
#3	2947.631	66557.60	17848.96	2656.594	4245.614

Reviewed By:jaswal
On:5/16/2025 2:34:16 PM
Inst Id :P4
LB :LB135794

Sample Name: ICSABDLX20 Acquired: 5/15/2025 14:14:08 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v46) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICSAB01DLX20 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0040435	.0048410	.0032607	.0028741	.0296033	11.51133	.0210950
Stddev	.0014451	.0021823	.0015690	.0011477	.0018937	.02708	.0008030
%RSD	35.73825	45.07961	48.11732	39.93221	6.396801	.2352585	3.806628
#1	.0057112	.0023795	.0046270	.0016117	.0279961	11.52490	.0202452
#2	.0031623	.0065388	.0015472	.0038546	.0316909	11.52895	.0218412
#3	.0032570	.0056047	.0036080	.0031559	.0291230	11.48015	.0211985

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0242724	.0466083	11.21934	.0260815	.0231527	.0235624	4.265337
Stddev	.0001298	.0000637	.01386	.0003985	.0001879	.0006810	.038361
%RSD	.5347861	.1366421	.1235527	1.527973	.8116170	2.890265	.8993568
#1	.0241921	.0465380	11.21964	.0256668	.0233254	.0239714	4.261784
#2	.0244222	.0466247	11.23306	.0261162	.0229526	.0227763	4.228876
#3	.0242031	.0466622	11.20534	.0264616	.0231802	.0239396	4.305350

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0234937	11.31869	.0455295	.0102628	-.163890	.0216467	.0485129
Stddev	.0001777	.04611	.0002676	.0003013	.002216	.0009930	.0002165
%RSD	.7564845	.4073601	.5876919	2.935550	1.352184	4.587439	.4462311
#1	.0235007	11.27591	.0454057	.0099176	-.165141	.0211593	.0483348
#2	.0236679	11.36753	.0458366	.0104728	-.161332	.0227892	.0484502
#3	.0233126	11.31263	.0453463	.0103980	-.165198	.0209915	.0487539

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.030792	.0491060	.0484791	.0478812	.0462372	.0335264	-.002929
Stddev	.017437	.0008425	.0002996	.0007363	.0003186	.0031019	.002693
%RSD	56.62631	1.715749	.6179484	1.537865	.6891461	9.252031	91.92527
#1	-.018953	.0495919	.0481352	.0481810	.0458693	.0332756	-.005865
#2	-.050815	.0495931	.0486185	.0470422	.0464140	.0305575	-.002349
#3	-.022609	.0481331	.0486836	.0484203	.0464281	.0367460	-.000574

Reviewed By:jaswal
On:5/16/2025 2:34:16 PM
Inst Id :P4
LB :LB135794

Sample Name: ICSABDLX20 Acquired: 5/15/2025 14:14:08 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v46) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICSAB01DLX20 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001920	-.000981	.0006998
Stddev	.004599	.000109	.0000283
%RSD	239.5967	11.06706	4.047981
#1	.000271	-.000908	.0007325
#2	-.007205	-.001106	.0006825
#3	.001175	-.000929	.0006844

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2924.708	66591.02	17658.49	2665.792	4224.920
Stddev	.971	318.01	124.18	6.900	7.662
%RSD	.0331921	.4775627	.7032378	.2588474	.1813588
#1	2924.175	66291.04	17645.31	2660.964	4216.444
#2	2925.829	66924.43	17541.43	2673.695	4231.355
#3	2924.121	66557.61	17788.74	2662.717	4226.962

Reviewed By:jaswal
On:5/16/2025 2:34:16 PM
Inst Id :P4
LB :LB135794

Sample Name: CCV01 Acquired: 5/15/2025 14:18:23 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v46) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.987951	4.968034	4.989322	4.937494	4.916915	9.925802	9.621466
Stddev	.012697	.004119	.013399	.012222	.012290	.040509	.057072
%RSD	.2545616	.0829134	.2685496	.2475325	.2499454	.4081172	.5931772
#1	4.989744	4.971377	4.988809	4.941815	4.911053	9.940497	9.588953
#2	4.974453	4.969293	4.976186	4.923699	4.908653	9.956913	9.588080
#3	4.999657	4.963432	5.002969	4.946969	4.931038	9.879997	9.687366

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2517522	2.467423	24.68403	1.006647	2.487124	1.249480	4.868137
Stddev	.0005931	.004297	.08856	.000742	.006505	.002023	.016205
%RSD	.2355902	.1741672	.3587561	.0736927	.2615275	.1619155	.3328807
#1	.2517323	2.465848	24.72657	1.007137	2.487167	1.247363	4.878063
#2	.2523550	2.464134	24.74329	1.007010	2.480597	1.249684	4.876911
#3	.2511693	2.472285	24.58223	1.005793	2.493606	1.251394	4.849437

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.445343	24.14362	2.467511	1.243772	24.32072	2.433769	2.533907
Stddev	.012706	.09205	.005313	.002233	.09506	.008162	.003901
%RSD	.5196016	.3812582	.2153223	.1795084	.3908523	.3353503	.1539568
#1	2.449034	24.18168	2.467145	1.243457	24.35128	2.435681	2.537933
#2	2.455795	24.21053	2.462390	1.246146	24.39674	2.440805	2.533643
#3	2.431200	24.03864	2.472997	1.241714	24.21414	2.424821	2.530144

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.16579	4.984502	5.001366	4.963936	4.868480	4.854201	4.979119
Stddev	.11989	.012872	.004497	.012323	.019554	.019025	.014298
%RSD	.4961097	.2582340	.0899217	.2482589	.4016380	.3919338	.2871691
#1	24.22921	4.985722	4.996186	4.959587	4.874686	4.837203	4.967528
#2	24.24064	4.996720	5.004264	4.954376	4.884177	4.874752	4.974732
#3	24.02751	4.971064	5.003649	4.977844	4.846576	4.850647	4.995097

Reviewed By:jaswal
On:5/16/2025 2:34:16 PM
Inst Id :P4
LB :LB135794

Sample Name: CCV01 Acquired: 5/15/2025 14:18:23 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v46) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV01 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.944078	4.901662	4.955687
Stddev	.007265	.016105	.023515
%RSD	.1469506	.3285547	.4744996
#1	4.942004	4.909967	4.950107
#2	4.938076	4.911919	4.981489
#3	4.952155	4.883100	4.935464

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2842.567	64049.52	17642.78	2563.394	3953.400
Stddev	8.947	74.84	25.73	5.013	11.831
%RSD	.3147370	.1168433	.1458255	.1955559	.2992679
#1	2852.883	63983.86	17618.97	2564.870	3965.540
#2	2837.888	64033.70	17639.31	2557.809	3952.755
#3	2836.930	64131.01	17670.07	2567.503	3941.904

Reviewed By:jaswal
On:5/16/2025 2:34:16 PM
Inst Id :P4
LB :LB135794

Sample Name: CCB01 Acquired: 5/15/2025 14:22:35 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v46) 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	-.001903	.0011260	-.000038	.0007811	.0024539	.0065823	-.000283
Stddev	.002554	.0022525	.001049	.0034776	.0018578	.0006453	.000855
%RSD	134.1935	200.0373	2731.810	445.2214	75.70537	9.803807	301.7781
#1	-.000481	.0019757	-.001111	-.002703	.0005909	.0063676	.000445
#2	-.000377	-.001428	.000009	.004252	.0024646	.0073075	-.001224
#3	-.004852	.002830	.000987	.000794	.0043064	.0060716	-.000071

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001273	-.000021	.0122921	-.000170	.0000116	.0001853	.0007898
Stddev	.0001003	.000048	.0000786	.000389	.0001029	.0003166	.0029244
%RSD	78.77597	234.0127	.6393124	228.2237	887.4815	170.8390	370.2530
#1	.0002110	.000024	.0123206	-.000604	.0000054	.0005190	.0041499
#2	.0001549	-.000013	.0122032	.000148	.0001174	.0001477	-.000599
#3	.0000161	-.000073	.0123524	-.000056	-.000088	-.000111	-.001181

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001660	-.018024	-.000109	.0002586	-.167215	-.000421	.0012676
Stddev	.0002285	.008252	.000169	.0002339	.008643	.000690	.0001638
%RSD	137.6447	45.78586	154.7408	90.44749	5.168899	163.7983	12.91905
#1	-.000044	-.022462	-.000157	.0005244	-.171720	.000209	.0013313
#2	.000409	-.008502	-.000248	.0000845	-.157250	-.000314	.0013900
#3	.000132	-.023107	.000079	.0001668	-.172674	-.001159	.0010816

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.035452	.0119157	.0005524	.0032794	-.000137	-.011422	-.003803
Stddev	.014866	.0008949	.0001864	.0001047	.000308	.009636	.001053
%RSD	41.93155	7.510396	33.75070	3.193959	225.5243	84.36424	27.69850
#1	-.024106	.0127529	.0007456	.0032481	.000028	-.012426	-.002642
#2	-.029971	.0120216	.0005380	.0031939	.000054	-.020517	-.004068
#3	-.052281	.0109725	.0003736	.0033962	-.000493	-.001323	-.004699

Reviewed By:jaswal
On:5/16/2025 2:34:16 PM
Inst Id :P4
LB :LB135794

Sample Name: CCB01 Acquired: 5/15/2025 14:22:35 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v46) 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	.0027766	-.002194	.0001466
Stddev	.0015728	.001311	.0000410
%RSD	56.64289	59.74595	28.00191
#1	.0045694	-.002566	.0001891
#2	.0021314	-.003279	.0001434
#3	.0016291	-.000737	.0001072

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2919.775	67496.59	18148.69	2701.103	4292.685
Stddev	16.886	387.75	39.37	20.383	18.434
%RSD	.5783356	.5744710	.2169245	.7546110	.4294277
#1	2904.598	67931.28	18136.86	2723.876	4276.822
#2	2937.965	67186.34	18192.62	2684.568	4312.908
#3	2916.761	67372.16	18116.60	2694.865	4288.325

Reviewed By:jaswal
On:5/16/2025 2:34:16 PM
Inst Id :P4
LB :LB135794

Sample Name: Q2004-01 Acquired: 5/15/2025 14:26:54 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v46) 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	.0463713	.0050399	.0955451	-.008285	-.002691	110.9910	.1476463
Stddev	.0061368	.0033577	.0008916	.001616	.003369	.0895	.0006113
%RSD	13.23412	66.62204	.9331836	19.51015	125.1816	.0806294	.4140169
#1	.0526527	.0088829	.0952739	-.008301	-.004245	111.0521	.1470381
#2	.0403900	.0035638	.0965408	-.006661	.001174	110.8883	.1476400
#3	.0460714	.0026732	.0948205	-.009894	-.005002	111.0326	.1482606

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0034875	-.004766	65.82923	.1852757	.0108562	.0622933	133.3157
Stddev	.0001601	.000061	.07461	.0002455	.0000985	.0005695	.3897
%RSD	4.590791	1.279396	.1133441	.1325126	.9073201	.9141902	.2923432
#1	.0036222	-.004764	65.83626	.1850191	.0107521	.0622302	132.8664
#2	.0033105	-.004827	65.75134	.1855084	.0109479	.0628917	133.5187
#3	.0035298	-.004705	65.90007	.1852995	.0108688	.0617580	133.5621

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2537862	38.37407	.0386842	.0012750	-.086593	.3091519	.0733307
Stddev	.0014516	.16652	.0006990	.0002370	.001788	.0016437	.0003754
%RSD	.5719779	.4339450	1.806934	18.58639	2.065305	.5316897	.5119529
#1	.2547108	38.31137	.0391783	.0012568	-.086736	.3100101	.0735785
#2	.2521131	38.24800	.0389898	.0015205	-.084737	.3101889	.0728987
#3	.2545347	38.56284	.0378844	.0010476	-.088305	.3072567	.0735148

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.856827	.0364499	.0060515	.0002776	.8801701	8.193414	1.281194
Stddev	.021055	.0010532	.0002140	.0013000	.0009440	.028742	.007253
%RSD	1.133943	2.889428	3.536496	468.3392	.1072572	.3507922	.5661350
#1	1.843409	.0355444	.0062346	-.000987	.8811971	8.173704	1.273842
#2	1.881094	.0376057	.0058162	.000209	.8793401	8.180145	1.281395
#3	1.845978	.0361995	.0061036	.001610	.8799732	8.226393	1.288344

Reviewed By:jaswal
On:5/16/2025 2:34:16 PM
Inst Id :P4
LB :LB135794

Sample Name: Q2004-01 Acquired: 5/15/2025 14:26:54 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v46) 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	1.452152	.0669588	-.100689
Stddev	.002056	.0006228	.000406
%RSD	.1415822	.9301163	.4028991
#1	1.453324	.0674246	-.100222
#2	1.453354	.0672004	-.100882
#3	1.449778	.0662514	-.100961

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3004.476	68721.06	19669.13	2750.920	3928.818
Stddev	6.089	171.31	47.33	7.749	8.555
%RSD	.2026774	.2492855	.2406261	.2816694	.2177611
#1	3011.078	68879.86	19650.66	2752.458	3938.484
#2	3003.272	68743.80	19722.91	2757.784	3925.751
#3	2999.079	68539.51	19633.82	2742.518	3922.219

Reviewed By:jaswal
On:5/16/2025 2:34:16 PM
Inst Id :P4
LB :LB135794

Sample Name: Q2004-03 Acquired: 5/15/2025 14:31:07 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v46) 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	.0488721	.0032965	.0940619	-.012633	-.004088	103.3727	.1434114
Stddev	.0011286	.0020816	.0010651	.003186	.001513	.0745	.0007835
%RSD	2.309227	63.14460	1.132378	25.21999	37.00947	.0720563	.5463349
#1	.0493306	.0026285	.0939025	-.008957	-.002689	103.2932	.1429556
#2	.0475864	.0016309	.0930854	-.014587	-.005693	103.4409	.1443162
#3	.0496993	.0056300	.0951977	-.014356	-.003881	103.3840	.1429626

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0034051	-.004424	44.71567	.1786922	.0100878	.0528853	129.9839
Stddev	.0000652	.000140	.06649	.0012513	.0000605	.0001872	.2429
%RSD	1.915510	3.168219	.1487028	.7002793	.5999955	.3540565	.1868536
#1	.0034281	-.004575	44.70554	.1781970	.0101323	.0529291	129.7297
#2	.0033315	-.004396	44.78665	.1801153	.0100189	.0526800	130.2137
#3	.0034557	-.004299	44.65483	.1777642	.0101122	.0530468	130.0082

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2106571	25.83997	.0364697	.0013390	-.142306	.2995294	.0503753
Stddev	.0001005	.04856	.0004302	.0001423	.005305	.0035874	.0011058
%RSD	.0476833	.1879223	1.179523	10.62426	3.728162	1.197687	2.195172
#1	.2107598	25.84122	.0360824	.0014041	-.136199	.2973770	.0514777
#2	.2105591	25.88789	.0369327	.0014370	-.145776	.3036707	.0492661
#3	.2106525	25.79080	.0363940	.0011758	-.144943	.2975404	.0503822

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.688257	.0310139	.0067503	.0006564	.8714612	4.640988	1.205133
Stddev	.035869	.0006634	.0002512	.0012720	.0014121	.006100	.007483
%RSD	2.124621	2.139171	3.721598	193.7792	.1620379	.1314339	.6209261
#1	1.683596	.0302479	.0069162	.0006222	.8701774	4.637120	1.208539
#2	1.726228	.0313891	.0064613	-.000598	.8712325	4.637823	1.196553
#3	1.654946	.0314048	.0068734	.001945	.8729737	4.648020	1.210307

Reviewed By:jaswal
On:5/16/2025 2:34:16 PM
Inst Id :P4
LB :LB135794

Sample Name: Q2004-03 Acquired: 5/15/2025 14:31:07 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v46) 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	1.216023	.0641477	-.105763
Stddev	.009697	.0007889	.000150
%RSD	.7974167	1.229742	.1419498
#1	1.205308	.0632408	-.105605
#2	1.218566	.0646742	-.105904
#3	1.224194	.0645283	-.105781

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2995.398	70125.05	19970.73	2789.686	3943.746
Stddev	9.069	45.30	8.72	11.937	6.816
%RSD	.3027584	.0646044	.0436485	.4279054	.1728280
#1	2987.045	70165.55	19975.88	2778.992	3940.892
#2	3005.044	70133.46	19960.67	2802.565	3951.525
#3	2994.105	70076.13	19975.65	2787.502	3938.820

Reviewed By:jaswal
On:5/16/2025 2:34:16 PM
Inst Id :P4
LB :LB135794

Sample Name: Q2004-05 Acquired: 5/15/2025 14:35:20 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v46) 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	.0410943	.0044197	.0875031	-.008467	-.000835	100.7672	.1394297
Stddev	.0011848	.0029295	.0016914	.006312	.000796	.1852	.0004244
%RSD	2.883206	66.28222	1.932904	74.55285	95.28369	.1837585	.3043688
#1	.0397382	.0047345	.0871403	-.015501	-.001677	100.6435	.1395733
#2	.0416158	.0071790	.0893464	-.006604	-.000733	100.9801	.1397636
#3	.0419290	.0013455	.0860226	-.003295	-.000095	100.6781	.1389521

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0031340	-.004633	69.93471	.1787925	.0113909	.0573282	123.7680
Stddev	.0001402	.000186	.16522	.0003381	.0003884	.0003912	.9813
%RSD	4.474530	4.016063	.2362525	.1891066	3.409937	.6823250	.7928466
#1	.0031405	-.004596	69.93136	.1785298	.0118144	.0569170	123.4479
#2	.0029906	-.004468	70.10159	.1786737	.0113073	.0576956	122.9868
#3	.0032708	-.004835	69.77119	.1791740	.0110512	.0573720	124.8694

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3453993	40.08739	.0377418	.0014392	-.073774	.2797977	.0698873
Stddev	.0006361	.15276	.0000484	.0000223	.002102	.0016184	.0005771
%RSD	.1841632	.3810770	.1282169	1.550543	2.848907	.5784029	.8258142
#1	.3447263	40.00945	.0377746	.0014486	-.072427	.2779411	.0692359
#2	.3454812	40.26341	.0377647	.0014137	-.076195	.2809101	.0703349
#3	.3459906	39.98933	.0376862	.0014552	-.072699	.2805418	.0700909

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.932620	.0328614	.0065264	.0001340	.8754462	5.662532	1.220278
Stddev	.024237	.0017145	.0003545	.0016423	.0015586	.070399	.010951
%RSD	1.254075	5.217325	5.431278	1226.075	.1780360	1.243244	.8974065
#1	1.924588	.0323966	.0068858	-.001154	.8769290	5.620522	1.221197
#2	1.913420	.0314272	.0061771	.001983	.8755882	5.623268	1.208896
#3	1.959853	.0347603	.0065162	-.000428	.8738215	5.743807	1.230740

Reviewed By:jaswal
On:5/16/2025 2:34:16 PM
Inst Id :P4
LB :LB135794

Sample Name: Q2004-05 Acquired: 5/15/2025 14:35:20 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v46) 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	2.367091	.0597719	-.079172
Stddev	.003517	.0012728	.001002
%RSD	.1485948	2.129460	1.265904
#1	2.364676	.0608814	-.078888
#2	2.365470	.0583824	-.078342
#3	2.371126	.0600518	-.080285

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2990.836	69421.34	20053.54	2762.943	3941.261
Stddev	4.360	314.75	108.12	8.928	4.344
%RSD	.1457743	.4533980	.5391779	.3231334	.1102200
#1	2986.520	69592.93	20029.31	2773.244	3937.587
#2	2995.238	69613.01	19959.59	2757.431	3940.141
#3	2990.749	69058.07	20171.72	2758.155	3946.055

Reviewed By:jaswal
On:5/16/2025 2:34:16 PM
Inst Id :P4
LB :LB135794

Sample Name: Q2004-07 Acquired: 5/15/2025 14:39:34 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v46) 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	.0441820	.0071617	.0923614	-.011105	-.001269	111.1250	.1434756
Stddev	.0018237	.0013303	.0018487	.002048	.001844	.0507	.0008142
%RSD	4.127782	18.57571	2.001584	18.43832	145.3025	.0456481	.5675031
#1	.0459328	.0067688	.0904261	-.012655	-.003008	111.1750	.1444137
#2	.0443202	.0060721	.0925490	-.008784	.000665	111.1265	.1430596
#3	.0422931	.0086442	.0941092	-.011877	-.001465	111.0736	.1429533

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0032971	-.005206	38.22989	.1882375	.0096831	.0558711	130.4996
Stddev	.0001083	.000061	.05246	.0007937	.0001692	.0006360	.7427
%RSD	3.285905	1.169393	.1372236	.4216772	1.747438	1.138395	.5691077
#1	.0031858	-.005277	38.24261	.1885486	.0095142	.0561284	131.2896
#2	.0034022	-.005171	38.27483	.1888286	.0096824	.0551467	130.3937
#3	.0033033	-.005171	38.17224	.1873353	.0098526	.0563381	129.8156

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1896080	22.44552	.0370634	.0013630	-.139524	.2977706	.0520810
Stddev	.0007133	.07071	.0006305	.0002654	.004229	.0009433	.0002154
%RSD	.3762159	.3150408	1.701021	19.47359	3.030724	.3167741	.4135207
#1	.1900564	22.52691	.0363908	.0016385	-.137772	.2984903	.0522135
#2	.1899822	22.39922	.0376409	.0013416	-.136452	.2967028	.0518325
#3	.1887854	22.41043	.0371586	.0011090	-.144347	.2981189	.0521970

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.809808	.0335319	.0054905	-.000583	.9359936	9.323297	1.197742
Stddev	.023795	.0012046	.0003990	.001737	.0008757	.053326	.002636
%RSD	1.314797	3.592481	7.267635	298.1185	.0935572	.5719694	.2200831
#1	1.808824	.0336345	.0058604	.001182	.9369163	9.383246	1.194882
#2	1.786521	.0346820	.0050677	-.002290	.9358904	9.305499	1.200074
#3	1.834081	.0322793	.0055434	-.000640	.9351741	9.281146	1.198270

Reviewed By:jaswal
On:5/16/2025 2:34:16 PM
Inst Id :P4
LB :LB135794

Sample Name: Q2004-07 Acquired: 5/15/2025 14:39:34 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v46) 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	1.221602	.0682502	-.108656
Stddev	.002638	.0001380	.000804
%RSD	.2159274	.2022638	.7397017
#1	1.219184	.0682534	-.109475
#2	1.221208	.0683866	-.108623
#3	1.224415	.0681106	-.107868

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3001.507	67726.82	19706.88	2729.332	3973.819
Stddev	10.331	209.62	34.89	8.689	5.323
%RSD	.3441926	.3095135	.1770490	.3183610	.1339463
#1	2989.638	67509.88	19732.11	2719.332	3968.867
#2	3006.407	67742.29	19667.07	2735.034	3973.143
#3	3008.477	67928.27	19721.47	2733.631	3979.448

Reviewed By:jaswal
On:5/16/2025 2:34:16 PM
Inst Id :P4
LB :LB135794

Sample Name: Q2004-09 Acquired: 5/15/2025 14:43:47 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v46) 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	.0444962	.0058039	.0878886	-.009258	-.002759	87.12764	.1413171
Stddev	.0007984	.0004729	.0011468	.000903	.001843	.07951	.0008942
%RSD	1.794390	8.148421	1.304817	9.756109	66.77808	.0912536	.6327630
#1	.0438317	.0057938	.0890590	-.008296	-.001537	87.20234	.1408094
#2	.0453819	.0053362	.0867670	-.009389	-.001862	87.13649	.1423496
#3	.0442750	.0062819	.0878399	-.010088	-.004879	87.04407	.1407923

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0035592	-.004169	39.49306	.1640645	.0141948	.0736560	123.9896
Stddev	.0000958	.000122	.11893	.0005459	.0001118	.0002245	.6112
%RSD	2.691415	2.931528	.3011344	.3327091	.7875466	.3047500	.4929285
#1	.0036642	-.004291	39.63018	.1638871	.0142830	.0736690	123.7539
#2	.0034766	-.004046	39.43097	.1636294	.0140691	.0734253	123.5313
#3	.0035368	-.004170	39.41803	.1646770	.0142324	.0738736	124.6835

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6434239	23.71889	.0352315	.0006263	1.830394	.2761851	.1260248
Stddev	.0004848	.09116	.0004080	.0002679	.012563	.0027188	.0000815
%RSD	.0753475	.3843493	1.157989	42.77568	.6863745	.9844000	.0647004
#1	.6430132	23.75913	.0347680	.0009207	1.822221	.2792385	.1260943
#2	.6432999	23.78301	.0355365	.0003970	1.824101	.2740265	.1260452
#3	.6439587	23.61453	.0353899	.0005610	1.844861	.2752903	.1259350

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.407802	.0278739	.0064310	.0003838	.9209344	6.567484	1.281786
Stddev	.035386	.0020688	.0004706	.0002183	.0041117	.049634	.006282
%RSD	1.038393	7.422072	7.317527	56.89155	.4464709	.7557524	.4901047
#1	3.370687	.0259144	.0068109	.0006195	.9248352	6.534377	1.283793
#2	3.411560	.0276704	.0065775	.0001886	.9213278	6.543522	1.274745
#3	3.441160	.0300370	.0059046	.0003432	.9166401	6.624552	1.286819

Reviewed By:jaswal
On:5/16/2025 2:34:16 PM
Inst Id :P4
LB :LB135794

Sample Name: Q2004-09 Acquired: 5/15/2025 14:43:47 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v46) 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	2.018982	.0760508	-.036940
Stddev	.005003	.0002496	.000737
%RSD	.2478156	.3282129	1.995794
#1	2.013246	.0759897	-.036545
#2	2.021251	.0758374	-.036484
#3	2.022448	.0763252	-.037791

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3010.594	68100.36	19193.68	2735.965	3985.083
Stddev	3.479	299.46	71.42	2.822	8.147
%RSD	.1155717	.4397300	.3721000	.1031293	.2044440
#1	3007.419	68409.18	19153.08	2738.837	3978.727
#2	3014.313	68080.67	19151.81	2735.859	3994.268
#3	3010.051	67811.24	19276.14	2733.197	3982.255

Reviewed By:jaswal
On:5/16/2025 2:34:16 PM
Inst Id :P4
LB :LB135794

Sample Name: Q2004-11 Acquired: 5/15/2025 14:48:00 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v46) 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	.0081700	.0008023	.0087733	.0000434	-.002939	148.4485	.1341870
Stddev	.0062802	.0004055	.0018257	.0026528	.002040	.2916	.0011765
%RSD	76.86900	50.54760	20.80984	6110.411	69.40089	.1964386	.8767867
#1	.0099380	.0004457	.0076636	.0022292	-.005283	148.7776	.1349025
#2	.0011953	.0012434	.0108805	-.002908	-.001975	148.3459	.1348294
#3	.0133767	.0007177	.0077758	.000809	-.001561	148.2221	.1328292

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0018127	-.002661	95.46958	.1356323	.0654639	1.083099	80.09944
Stddev	.0001214	.000072	.26243	.0006194	.0002633	.001252	.23653
%RSD	6.696260	2.704042	.2748857	.4566741	.4021827	.1155635	.2952917
#1	.0019423	-.002580	95.76311	.1349562	.0656388	1.082569	79.89134
#2	.0017941	-.002717	95.25760	.1357685	.0651611	1.082199	80.05030
#3	.0017017	-.002685	95.38805	.1361723	.0655918	1.084528	80.35668

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6525819	40.50170	.1584234	.0011609	20.16771	.2103104	.1205406
Stddev	.0015388	.08307	.0008385	.0002916	.03770	.0010850	.0003379
%RSD	.2357948	.2051073	.5292929	25.11409	.1869556	.5159213	.2803502
#1	.6525867	40.59737	.1585643	.0009793	20.13076	.2092746	.1201543
#2	.6541182	40.45992	.1575233	.0014972	20.16626	.2114387	.1207817
#3	.6510407	40.44782	.1591825	.0010063	20.20613	.2102179	.1206858

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.25284	.0359873	.0020174	-.005934	2.405437	2.536993	6.921086
Stddev	.02367	.0004580	.0003565	.001685	.007307	.007037	.015508
%RSD	.2103672	1.272817	17.67303	28.39137	.3037906	.2773870	.2240715
#1	11.23120	.0358822	.0023923	-.003997	2.411150	2.543907	6.937432
#2	11.27812	.0355910	.0019774	-.007061	2.397203	2.537234	6.906580
#3	11.24920	.0364888	.0016826	-.006745	2.407958	2.529838	6.919246

Reviewed By:jaswal
On:5/16/2025 2:34:16 PM
Inst Id :P4
LB :LB135794

Sample Name: Q2004-11 Acquired: 5/15/2025 14:48:00 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v46) 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	1.232287	.0539115	.2370683
Stddev	.001020	.0010620	.0008448
%RSD	.0827680	1.969943	.3563349
#1	1.233042	.0551026	.2373056
#2	1.231127	.0530632	.2377691
#3	1.232692	.0535686	.2361303

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2874.579	64162.88	18680.46	2590.825	3855.800
Stddev	4.070	57.33	65.33	15.821	6.012
%RSD	.1415939	.0893559	.3497131	.6106401	.1559143
#1	2869.915	64190.80	18605.73	2607.270	3852.884
#2	2876.406	64200.90	18708.97	2589.490	3862.714
#3	2877.415	64096.93	18726.69	2575.714	3851.802

Reviewed By:jaswal
On:5/16/2025 2:34:16 PM
Inst Id :P4
LB :LB135794

Sample Name: Q2004-02 Acquired: 5/15/2025 14:52:11 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v46) 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	-.002265	-.002862	.0039360	.0032890	.0001208	.3638676	.2118594
Stddev	.003087	.002197	.0023078	.0019685	.0006787	.0051410	.0001498
%RSD	136.3108	76.76488	58.63335	59.85019	561.8489	1.412888	.0707221
#1	-.005042	-.003914	.0033465	.0011486	.0007076	.3686633	.2119804
#2	-.002812	-.004335	.0064813	.0036966	-.000622	.3644998	.2119059
#3	.001059	-.000337	.0019801	.0050217	.000277	.3584397	.2116918

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000015	.0000309	65.57591	-.000489	.0004936	.0051287	.3015476
Stddev	.000017	.0000646	.10588	.000214	.0002216	.0004383	.0033670
%RSD	112.2462	208.6741	.1614612	43.70229	44.88980	8.545893	1.116580
#1	.000003	-.000039	65.47645	-.000689	.0005491	.0047880	.3053671
#2	-.000030	.000045	65.56407	-.000264	.0002495	.0049750	.2990093
#3	-.000018	.000088	65.68721	-.000514	.0006821	.0056232	.3002663

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1698728	36.92115	.0022764	-.000045	392.4633	.0006674	.0551519
Stddev	.0007078	.11784	.0001196	.000052	1.2092	.0013461	.0008017
%RSD	.4166508	.3191572	5.254830	114.6599	.3080942	201.7031	1.453626
#1	.1690965	36.78956	.0021575	-.000047	393.4675	.0016480	.0551382
#2	.1704822	37.01691	.0022752	.000008	392.8013	.0012215	.0559604
#3	.1700399	36.95698	.0023967	-.000096	391.1211	-.000867	.0543572

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6293182	.0280146	.0005144	-.005431	.0047631	1.201683	.0078005
Stddev	.0039196	.0004739	.0003715	.000667	.0008704	.011452	.0014917
%RSD	.6228349	1.691674	72.22581	12.28325	18.27290	.9529850	19.12358
#1	.6265418	.0284201	.0008409	-.005595	.0052668	1.200187	.0070036
#2	.6276108	.0274936	.0001101	-.006002	.0052645	1.191053	.0068765
#3	.6338019	.0281302	.0005923	-.004698	.0037581	1.213809	.0095215

Reviewed By:jaswal
On:5/16/2025 2:34:16 PM
Inst Id :P4
LB :LB135794

Sample Name: Q2004-02 Acquired: 5/15/2025 14:52:11 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v46) 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	1.400506	-.012798	.0309650
Stddev	.009634	.000294	.0001044
%RSD	.6878948	2.296575	.3370333
#1	1.402235	-.012558	.0310180
#2	1.390124	-.013126	.0308448
#3	1.409158	-.012711	.0310322

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2727.392	60387.44	18215.07	2426.091	3693.520
Stddev	3.414	110.61	64.05	5.186	5.216
%RSD	.1251802	.1831607	.3516480	.2137680	.1412164
#1	2726.229	60504.20	18283.77	2431.147	3687.572
#2	2731.235	60373.90	18204.45	2420.784	3695.673
#3	2724.711	60284.24	18157.00	2426.342	3697.314

Reviewed By:jaswal
On:5/16/2025 2:34:16 PM
Inst Id :P4
LB :LB135794

Sample Name: Q2004-04 Acquired: 5/15/2025 14:56:36 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v46) 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	-.003148	-.003116	.0031185	.0037364	.0002644	.3558662	.1711720
Stddev	.005090	.000546	.0006140	.0012636	.0012176	.0043410	.0011355
%RSD	161.6946	17.53367	19.68716	33.81865	460.4991	1.219829	.6633965
#1	-.001984	-.003630	.0036106	.0045730	-.000413	.3592415	.1712689
#2	.001259	-.002542	.0033144	.0043534	.001670	.3509692	.1699912
#3	-.008719	-.003176	.0024305	.0022829	-.000464	.3573878	.1722561

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000014	-.000078	37.62555	-.000272	.0000463	.0037874	.2289363
Stddev	.000061	.000065	.05979	.000380	.0000757	.0004226	.0055773
%RSD	448.0543	84.28671	.1588991	139.5316	163.4181	11.15785	2.436196
#1	.000035	-.000035	37.65150	-.000094	.0000651	.0039243	.2228565
#2	.000006	-.000045	37.55717	-.000708	.0001108	.0041246	.2338156
#3	-.000082	-.000153	37.66798	-.000014	-.000037	.0033134	.2301369

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0691197	21.07122	.0014743	.0000806	317.5666	-.000491	.0469580
Stddev	.0003745	.05690	.0003595	.0001926	2.3934	.000145	.0008030
%RSD	.5418648	.2700399	24.38748	238.9225	.7536816	29.56295	1.709956
#1	.0691567	21.13692	.0011107	-.000059	315.4391	-.000480	.0460785
#2	.0687280	21.03785	.0018297	.000300	320.1581	-.000351	.0471433
#3	.0694743	21.03889	.0014826	.000000	317.1028	-.000641	.0476520

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4440092	.0269574	.0004853	-.004813	.0040709	1.029173	.0061604
Stddev	.0155063	.0013731	.0001466	.000994	.0010849	.005037	.0037627
%RSD	3.492339	5.093712	30.20262	20.65620	26.65093	.4893887	61.07895
#1	.4577216	.0271051	.0004689	-.005687	.0051401	1.028559	.0019866
#2	.4271819	.0282506	.0003477	-.003731	.0041018	1.034489	.0072020
#3	.4471242	.0255163	.0006394	-.005021	.0029709	1.024472	.0092927

Reviewed By:jaswal
On:5/16/2025 2:34:16 PM
Inst Id :P4
LB :LB135794

Sample Name: Q2004-04 Acquired: 5/15/2025 14:56:36 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v46) 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	1.044714	-.008747	.0157293
Stddev	.003171	.000837	.0000677
%RSD	.3034822	9.563630	.4307276
#1	1.042301	-.007826	.0157181
#2	1.048305	-.008956	.0156678
#3	1.043537	-.009459	.0158019

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2784.151	63531.49	18876.18	2534.814	3779.900
Stddev	.976	96.42	74.43	16.580	1.687
%RSD	.0350611	.1517750	.3943109	.6540862	.0446370
#1	2783.024	63448.05	18849.72	2536.699	3781.848
#2	2784.727	63509.37	18960.23	2550.371	3778.965
#3	2784.702	63637.05	18818.60	2517.373	3778.888

Reviewed By:jaswal
On:5/16/2025 2:34:16 PM
Inst Id :P4
LB :LB135794

Sample Name: Q2004-06 Acquired: 5/15/2025 15:01:00 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v46) 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	.0000130	-.003162	.0005240	.0006874	-.000242	.1532667	.1439103
Stddev	.0042470	.002144	.0028081	.0053019	.002442	.0041461	.0025429
%RSD	32676.46	67.80762	535.8728	771.2985	1007.425	2.705169	1.767017
#1	-.001337	-.005131	.0006843	.0021615	-.002761	.1497604	.1417741
#2	-.003395	-.003477	.0032486	-.005196	.002115	.1578429	.1432338
#3	.004771	-.000878	-.002361	.005096	-.000081	.1521967	.1467231

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000050	-.000057	80.37461	-.000139	-.000183	.0085651	.1144502
Stddev	.000028	.000131	.51984	.000136	.000255	.0004605	.0051158
%RSD	56.39915	228.7833	.6467667	97.90635	138.8028	5.376841	4.469922
#1	-.000060	.000059	79.87613	-.000013	-.000143	.0086644	.1156549
#2	-.000072	-.000032	80.33424	-.000121	.000049	.0089678	.1188561
#3	-.000018	-.000199	80.91345	-.000283	-.000456	.0080630	.1088395

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1841679	45.37756	.0017567	.0002548	349.6372	.0003838	.0308633
Stddev	.0008623	.36503	.0002818	.0001318	3.4147	.0010421	.0001392
%RSD	.4682302	.8044338	16.04362	51.70800	.9766492	271.5120	.4511149
#1	.1833309	44.96483	.0014362	.0002479	347.0995	.0001390	.0307358
#2	.1850535	45.50983	.0019656	.0003899	353.5195	-.000514	.0308424
#3	.1841192	45.65801	.0018684	.0001266	348.2925	.001526	.0310119

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4621662	.0110184	.0004364	-.004421	.0014072	.9360800	.0055931
Stddev	.0463836	.0008978	.0001640	.000812	.0006434	.0072727	.0028006
%RSD	10.03612	8.148534	37.56851	18.37543	45.72361	.7769283	50.07291
#1	.4180328	.0100520	.0002657	-.003504	.0021153	.9443922	.0035456
#2	.4579533	.0118267	.0005927	-.004707	.0008585	.9308884	.0087846
#3	.5105124	.0111763	.0004509	-.005052	.0012477	.9329594	.0044491

Reviewed By:jaswal
On:5/16/2025 2:34:16 PM
Inst Id :P4
LB :LB135794

Sample Name: Q2004-06 Acquired: 5/15/2025 15:01:00 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v46) 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	1.728276	-.015315	.0308169
Stddev	.007130	.000693	.0001184
%RSD	.4125545	4.523083	.3840358
#1	1.720433	-.014767	.0306848
#2	1.730026	-.015083	.0309133
#3	1.734367	-.016093	.0308526

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2678.206	61308.58	18130.37	2438.289	3677.837
Stddev	7.825	222.47	158.61	4.073	16.436
%RSD	.2921913	.3628636	.8748079	.1670415	.4468943
#1	2680.098	61512.44	18309.71	2442.411	3689.081
#2	2684.912	61342.02	18072.87	2438.189	3685.457
#3	2669.608	61071.29	18008.54	2434.267	3658.974

Reviewed By:jaswal
On:5/16/2025 2:34:16 PM
Inst Id :P4
LB :LB135794

Sample Name: CCV02 Acquired: 5/15/2025 15:05:24 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v46) 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	5.048857	4.977648	5.026835	4.981062	4.951802	9.962937	9.614080
Stddev	.019983	.037023	.014931	.021176	.029931	.025985	.082907
%RSD	.3957981	.7437801	.2970237	.4251279	.6044527	.2608212	.8623471
#1	5.043207	5.020391	5.013087	4.964074	4.931545	9.954600	9.593242
#2	5.032307	4.955568	5.024699	4.974324	4.937680	9.942143	9.543579
#3	5.071057	4.956986	5.042719	5.004786	4.986182	9.992068	9.705417

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2492248	2.484143	24.81215	1.013651	2.509394	1.261104	5.010086
Stddev	.0003684	.010369	.10716	.002835	.008692	.007274	.029484
%RSD	.1478161	.4174135	.4318727	.2797081	.3463616	.5768120	.5884955
#1	.2488746	2.475394	24.71587	1.015372	2.501408	1.254689	5.041130
#2	.2491908	2.481439	24.79299	1.010379	2.508123	1.259616	4.982460
#3	.2496091	2.495597	24.92760	1.015203	2.518651	1.269007	5.006666

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.452325	24.18744	2.484903	1.250478	25.04139	2.450846	2.532143
Stddev	.010980	.13534	.011280	.004029	.12865	.006148	.018111
%RSD	.4477367	.5595336	.4539421	.3221989	.5137419	.2508338	.7152553
#1	2.443628	24.04038	2.474937	1.253102	25.17381	2.444173	2.543145
#2	2.448685	24.21518	2.482624	1.245839	24.91687	2.452086	2.511239
#3	2.464663	24.30675	2.497149	1.252492	25.03349	2.456279	2.542043

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.73331	4.892720	5.031472	4.991600	4.886407	4.946215	5.058085
Stddev	.07158	.010532	.023858	.016715	.007986	.000571	.016486
%RSD	.2893906	.2152635	.4741805	.3348589	.1634303	.0115455	.3259386
#1	24.81152	4.881545	5.014310	4.975657	4.877411	4.946155	5.050148
#2	24.67106	4.894153	5.021389	4.990152	4.892661	4.946814	5.047069
#3	24.71735	4.902463	5.058716	5.008992	4.889148	4.945676	5.077039

Reviewed By:jaswal
On:5/16/2025 2:34:16 PM
Inst Id :P4
LB :LB135794

Sample Name: CCV02 Acquired: 5/15/2025 15:05:24 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v46) 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	5.013194	4.898395	4.980594
Stddev	.023378	.002157	.037621
%RSD	.4663239	.0440253	.7553527
#1	4.993659	4.896751	5.004340
#2	5.006829	4.897597	4.937218
#3	5.039096	4.900836	5.000223

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2792.079	63071.40	17756.52	2535.679	3888.151
Stddev	18.165	241.82	46.42	9.773	19.644
%RSD	.6505813	.3834064	.2614116	.3854385	.5052312
#1	2805.649	62856.83	17808.94	2525.300	3904.708
#2	2799.145	63333.43	17739.97	2544.707	3893.299
#3	2771.443	63023.92	17720.64	2537.031	3866.445

Reviewed By:jaswal
On:5/16/2025 2:34:16 PM
Inst Id :P4
LB :LB135794

Sample Name: CCB02 Acquired: 5/15/2025 15:09:36 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v46) 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	-.000822	.0010328	.0004652	.0047279	-.001071	.0130104	.0012878
Stddev	.002136	.0017726	.0017174	.0020696	.001479	.0048533	.0006621
%RSD	259.9625	171.6333	369.1497	43.77531	138.0476	37.30352	51.41264
#1	.001373	.0009548	-.001413	.0036092	-.002778	.0111758	.0012019
#2	-.000945	.0028431	.001955	.0034583	-.000218	.0185136	.0019887
#3	-.002893	-.000700	.000854	.0071161	-.000216	.0093418	.0006729

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001148	-.000027	.0016154	-.000161	.0000705	.0002011	-.000538
Stddev	.0001032	.000073	.0032882	.000154	.0001773	.0004552	.006230
%RSD	89.87515	271.9605	203.5600	96.01002	251.3687	226.4107	1157.780
#1	.0000137	.000024	.0025087	.000003	.0002075	.0002997	.002146
#2	.0001109	-.000110	.0043646	-.000303	.0001338	.0005988	.003900
#3	.0002200	.000006	-.002027	-.000182	-.000130	-.000295	-.007660

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000637	-.021519	-.000225	.0003335	-.048849	-.000194	.0057976
Stddev	.0002420	.006588	.000204	.0003292	.006010	.000375	.0003588
%RSD	379.9882	30.61307	90.38461	98.70742	12.30338	193.8997	6.189001
#1	.0000264	-.024266	-.000054	.0003421	-.044717	-.000163	.0058132
#2	-.000157	-.014003	-.000450	.0006583	-.046087	.000165	.0054312
#3	.000322	-.026289	-.000171	.0000001	-.055744	-.000583	.0061483

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001535	.0105799	.0007683	.0043790	.0009917	.0045059	-.001840
Stddev	.030498	.0001099	.0000530	.0007633	.0002955	.0062720	.002966
%RSD	1987.281	1.038712	6.894962	17.42964	29.80078	139.1942	161.2027
#1	-.027122	.0105956	.0008285	.0035240	.0009008	-.001185	-.001941
#2	.032214	.0106811	.0007285	.0049915	.0007524	.003472	-.004754
#3	-.009696	.0104630	.0007480	.0046216	.0013221	.011231	.001175

Reviewed By:jaswal
On:5/16/2025 2:34:16 PM
Inst Id :P4
LB :LB135794

Sample Name: CCB02 Acquired: 5/15/2025 15:09:36 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v46) 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	.0007687	-.000270	.0001301
Stddev	.0052065	.000527	.0000098
%RSD	677.3456	194.9612	7.516521
#1	-.004066	.000280	.0001414
#2	.006281	-.000320	.0001241
#3	.000092	-.000770	.0001249

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2890.318	63428.48	17573.63	2591.143	4266.456
Stddev	6.646	39.43	119.78	7.612	5.676
%RSD	.2299280	.0621633	.6816066	.2937683	.1330320
#1	2897.976	63398.58	17607.53	2583.730	4270.444
#2	2886.062	63473.16	17440.55	2590.760	4268.966
#3	2886.915	63413.69	17672.81	2598.939	4259.958

Reviewed By:jaswal
On:5/16/2025 2:34:16 PM
Inst Id :P4
LB :LB135794

Sample Name: Q2004-08 Acquired: 5/15/2025 15:13:55 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v46) 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	-.001500	-.000333	.0040716	.0045044	.0007818	.1039980	.1962841
Stddev	.001450	.003196	.0015755	.0012851	.0020614	.0054726	.0010043
%RSD	96.63590	960.3831	38.69528	28.52974	263.6653	5.262258	.5116487
#1	-.000698	.003135	.0053889	.0057182	-.001373	.1094625	.1969437
#2	-.000629	-.003158	.0044997	.0031583	.000983	.0985173	.1951283
#3	-.003174	-.000975	.0023263	.0046368	.002735	.1040141	.1967803

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000223	-.000041	34.75033	-.000698	.0001116	.0146289	.0426467
Stddev	.0000377	.000024	.05422	.000738	.0001686	.0008810	.0037621
%RSD	168.7199	57.92368	.1560172	105.7875	151.0983	6.022652	8.821574
#1	.0000410	-.000048	34.69200	-.001549	.0001938	.0149119	.0462196
#2	.0000470	-.000061	34.79918	-.000297	-.000082	.0153336	.0430000
#3	-.000021	-.000015	34.75982	-.000246	.000223	.0136411	.0387203

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0689481	19.47285	.0021836	-.000024	365.8561	-.001162	.0555614
Stddev	.0006691	.03354	.0003983	.000344	2.7631	.001492	.0003098
%RSD	.9704019	.1722196	18.24058	1412.667	.7552473	128.3369	.5575224
#1	.0690037	19.44640	.0025812	.000285	367.8072	-.002782	.0554713
#2	.0695876	19.46157	.0021849	.000037	367.0668	-.000861	.0559062
#3	.0682529	19.51057	.0017846	-.000395	362.6943	.000155	.0553067

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5305147	.0258114	.0003658	-.003572	-.000591	1.213534	.0080627
Stddev	.0208068	.0004295	.0003134	.000370	.000462	.004653	.0018051
%RSD	3.922000	1.663871	85.68219	10.36882	78.05824	.3833872	22.38889
#1	.5128300	.0262774	.0004440	-.003320	-.001124	1.213939	.0066234
#2	.5252730	.0254316	.0000207	-.003997	-.000303	1.217971	.0100880
#3	.5534411	.0257250	.0006327	-.003399	-.000347	1.208692	.0074766

Reviewed By:jaswal
On:5/16/2025 2:34:16 PM
Inst Id :P4
LB :LB135794

Sample Name: Q2004-08 Acquired: 5/15/2025 15:13:55 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v46) 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	1.502261	-.007438	.0183592
Stddev	.008704	.000844	.0000545
%RSD	.5793792	11.34804	.2971528
#1	1.507855	-.006654	.0183249
#2	1.492233	-.008331	.0184221
#3	1.506696	-.007330	.0183306

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2742.952	61970.30	18527.79	2503.381	3674.669
Stddev	3.410	100.18	43.28	9.772	4.776
%RSD	.1243335	.1616525	.2335684	.3903696	.1299793
#1	2739.021	61871.69	18519.05	2513.926	3669.368
#2	2744.722	62071.98	18574.77	2501.589	3678.637
#3	2745.114	61967.23	18489.55	2494.629	3676.003

Reviewed By:jaswal
On:5/16/2025 2:34:16 PM
Inst Id :P4
LB :LB135794

Sample Name: Q2004-10 Acquired: 5/15/2025 15:18:22 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v46) 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	-.000017	-.003475	.0025408	.0012639	-.000407	.0873817	.1874735
Stddev	.004230	.001128	.0011416	.0035347	.002118	.0027711	.0007208
%RSD	24989.62	32.47458	44.92923	279.6654	519.9305	3.171239	.3844744
#1	-.000493	-.003331	.0028054	-.000970	.001269	.0841820	.1869917
#2	.004431	-.002425	.0012902	.005339	-.002788	.0889726	.1883022
#3	-.003989	-.004668	.0035269	-.000577	.000296	.0889906	.1871268

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000054	-.000052	55.25916	-.000403	.0010032	.0174508	.1815965
Stddev	.000033	.000074	.07670	.000326	.0001405	.0002989	.0062523
%RSD	61.65249	141.0452	.1388012	80.91141	14.00187	1.712943	3.442948
#1	-.000016	-.000013	55.17431	-.000780	.0011251	.0173070	.1854598
#2	-.000067	-.000007	55.27962	-.000202	.0008496	.0172509	.1743831
#3	-.000078	-.000138	55.32356	-.000228	.0010349	.0177944	.1849465

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2207647	28.32069	.0033199	-.000014	368.6465	-.000222	.0556806
Stddev	.0012192	.07341	.0004031	.000254	1.1175	.001098	.0005943
%RSD	.5522406	.2592257	12.14309	1815.844	.3031292	494.2643	1.067254
#1	.2193767	28.23593	.0031589	-.000300	368.6098	-.001425	.0558081
#2	.2216623	28.36209	.0037787	.000075	367.5478	.000726	.0550330
#3	.2212550	28.36406	.0030222	.000184	369.7819	.000033	.0562008

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.294896	.0193675	.0004859	-.004596	.0002830	1.453652	.0033919
Stddev	.055015	.0006575	.0001712	.000732	.0002947	.008786	.0020128
%RSD	4.248566	3.395047	35.23736	15.93450	104.1170	.6044169	59.34158
#1	1.280512	.0187922	.0003274	-.005415	.0000242	1.444158	.0021472
#2	1.355674	.0192261	.0004629	-.004006	.0006037	1.455299	.0023145
#3	1.248502	.0200843	.0006675	-.004366	.0002211	1.461497	.0057141

Reviewed By:jaswal
On:5/16/2025 2:34:16 PM
Inst Id :P4
LB :LB135794

Sample Name: Q2004-10 Acquired: 5/15/2025 15:18:22 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v46) 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	1.397349	-.010308	.0831778
Stddev	.006437	.001907	.0000698
%RSD	.4606909	18.49698	.0839091
#1	1.391382	-.010565	.0831000
#2	1.396493	-.012073	.0831986
#3	1.404171	-.008286	.0832348

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2721.818	60949.31	18849.84	2449.268	3697.103
Stddev	3.009	38.02	30.63	11.834	2.341
%RSD	.1105644	.0623841	.1625132	.4831821	.0633266
#1	2725.022	60963.27	18866.37	2448.764	3699.720
#2	2721.381	60906.28	18814.49	2461.347	3695.208
#3	2719.052	60978.38	18868.66	2437.694	3696.380

Reviewed By:jaswal
On:5/16/2025 2:34:16 PM
Inst Id :P4
LB :LB135794

Sample Name: Q2004-12 Acquired: 5/15/2025 15:22:47 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v46) 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	-.002494	-.002593	.0002678	.0011929	-.000806	-.002905	.1208255
Stddev	.002544	.003213	.0011007	.0019582	.000452	.002192	.0011015
%RSD	102.0192	123.9048	410.9668	164.1527	56.11434	75.44498	.9116233
#1	-.000840	-.004479	.0013641	-.000907	-.000434	-.005053	.1195605
#2	-.001218	-.004416	.0002768	.002969	-.001309	-.000672	.1213432
#3	-.005423	.001117	-.000837	.001518	-.000674	-.002991	.1215727

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000041	-.000100	75.52147	-.000257	.0024418	.0072094	.8342341
Stddev	.000017	.000050	.26363	.000242	.0000412	.0004633	.0067654
%RSD	41.80603	49.41549	.3490841	94.01400	1.686395	6.426284	.8109675
#1	-.000047	-.000044	75.26499	-.000469	.0024886	.0076812	.8416165
#2	-.000022	-.000119	75.50769	-.000310	.0024112	.0071917	.8327554
#3	-.000055	-.000138	75.79172	.000007	.0024256	.0067552	.8283304

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3741366	38.73642	.0077656	-.000088	347.3109	.0014435	.0384483
Stddev	.0007682	.10291	.0004195	.000195	3.1953	.0009550	.0006993
%RSD	.2053339	.2656627	5.401842	221.7991	.9200006	66.15765	1.818712
#1	.3732514	38.62518	.0078708	-.000065	344.8663	.0003935	.0376537
#2	.3745293	38.82822	.0073036	.000095	346.1400	.0022603	.0389698
#3	.3746292	38.75586	.0081225	-.000292	350.9265	.0016767	.0387213

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.185467	.0115638	.0005386	-.005353	-.001538	1.812122	.0024985
Stddev	.004346	.0009976	.0002057	.000701	.001405	.022361	.0032683
%RSD	.0702615	8.627247	38.19563	13.10272	91.36613	1.233995	130.8125
#1	6.181046	.0120881	.0007191	-.006143	-.003140	1.790892	.0011311
#2	6.185620	.0121899	.0003146	-.005110	-.000959	1.810008	.0001359
#3	6.189734	.0104133	.0005820	-.004805	-.000515	1.835465	.0062284

Reviewed By:jaswal
On:5/16/2025 2:34:16 PM
Inst Id :P4
LB :LB135794

Sample Name: Q2004-12 Acquired: 5/15/2025 15:22:47 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v46) 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	.2279726	-.010655	.1277711
Stddev	.0059930	.000851	.0004417
%RSD	2.628801	7.983227	.3457368
#1	.2318840	-.010350	.1272997
#2	.2210731	-.011616	.1278381
#3	.2309606	-.009999	.1281756

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2679.139	60140.52	17724.29	2409.612	3687.072
Stddev	2.381	170.30	12.58	8.215	11.169
%RSD	.0888666	.2831653	.0710019	.3409237	.3029140
#1	2681.715	60333.25	17733.22	2417.838	3699.922
#2	2678.683	60010.37	17729.75	2401.408	3681.604
#3	2677.019	60077.93	17709.89	2409.590	3679.691

Reviewed By:jaswal
On:5/16/2025 2:34:16 PM
Inst Id :P4
LB :LB135794

Sample Name: Q2001-03 Acquired: 5/15/2025 15:27:12 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v46) 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	-.005345	-.003841	.0002580	-.000152	.0005370	.3433960	.1156133
Stddev	.001274	.001638	.0022848	.002477	.0016557	.0061808	.0007175
%RSD	23.82839	42.64146	885.6076	1634.549	308.3053	1.799898	.6206338
#1	-.004376	-.001956	.0028368	-.002338	-.001247	.3497103	.1161234
#2	-.004872	-.004911	-.001514	.002538	.000834	.3373581	.1159236
#3	-.006787	-.004657	-.000549	-.000655	.002024	.3431195	.1147928

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000107	-.000041	276.9527	.0022047	-.000435	.0063457	.0700815
Stddev	.000081	.000119	.4678	.0003939	.000367	.0006201	.0102089
%RSD	75.55410	293.2416	.1689012	17.86510	84.35052	9.771728	14.56712
#1	-.000054	-.000172	276.7249	.0024652	-.000075	.0061480	.0818695
#2	-.000066	.000061	277.4907	.0023974	-.000808	.0058487	.0641440
#3	-.000199	-.000010	276.6425	.0017516	-.000422	.0070406	.0642308

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0102569	.0133493	.0033993	-.000214	481.1979	.0010876	.0059147
Stddev	.0001246	.0035611	.0006336	.000340	3.6930	.0018399	.0001392
%RSD	1.214915	26.67606	18.64022	159.1178	.7674653	169.1588	2.353026
#1	.0101151	.0149454	.0027553	-.000360	477.1587	.0016897	.0060754
#2	.0103065	.0158332	.0034208	.000175	482.0332	.0025510	.0058384
#3	.0103491	.0092694	.0040220	-.000457	484.4017	-.000978	.0058305

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.67464	.0017644	.0151020	-.006817	-.005904	1.173605	-.000587
Stddev	.09299	.0007340	.0003451	.001277	.000146	.009146	.005631
%RSD	.7965257	41.60274	2.285419	18.73894	2.474462	.7792955	959.8340
#1	11.78061	.0011534	.0147614	-.007568	-.005964	1.172984	.002172
#2	11.63666	.0015611	.0154515	-.005342	-.005738	1.183046	.003133
#3	11.60665	.0025787	.0150932	-.007540	-.006011	1.164786	-.007065

Reviewed By:jaswal
On:5/16/2025 2:34:16 PM
Inst Id :P4
LB :LB135794

Sample Name: Q2001-03 Acquired: 5/15/2025 15:27:12 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v46) 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	5.527324	-.040083	1.735804
Stddev	.016645	.000415	.007882
%RSD	.3011325	1.036260	.4540936
#1	5.542986	-.040549	1.727105
#2	5.509846	-.039948	1.742472
#3	5.529139	-.039752	1.737834

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2623.218	58978.40	17202.95	2344.254	3551.401
Stddev	4.253	84.24	65.75	7.573	2.506
%RSD	.1621396	.1428268	.3822036	.3230314	.0705592
#1	2621.529	58881.40	17262.70	2337.254	3551.171
#2	2628.056	59020.65	17132.51	2352.292	3554.014
#3	2620.068	59033.16	17213.65	2343.217	3549.019

Reviewed By:jaswal
On:5/16/2025 2:34:16 PM
Inst Id :P4
LB :LB135794

Sample Name: Q1992-01DLX5 Acquired: 5/15/2025 15:31:47 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v46) 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	.0599586	.0032105	.0119868	.0880766	.0452336	.0318719	.0058645
Stddev	.0030085	.0017703	.0021100	.0055127	.0016676	.0036188	.0008922
%RSD	5.017555	55.14183	17.60263	6.258995	3.686728	11.35427	15.21360
#1	.0569971	.0017191	.0095514	.0934496	.0469586	.0278581	.0066800
#2	.0630119	.0027454	.0131434	.0824341	.0451122	.0348853	.0060021
#3	.0598668	.0051669	.0132657	.0883461	.0436299	.0328723	.0049115

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0016026	-.015293	10.58827	.0009840	.0048484	.0735963	152.5680
Stddev	.0001162	.000387	.09610	.0001747	.0003914	.0008697	1.1658
%RSD	7.253049	2.530267	.9076471	17.75495	8.072216	1.181672	.7641465
#1	.0015722	-.015303	10.69169	.0007825	.0052994	.0726387	153.1904
#2	.0017311	-.015674	10.57139	.0010936	.0046492	.0743370	153.2906
#3	.0015047	-.014901	10.50171	.0010758	.0045968	.0738133	151.2230

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.062915	3.112928	.0023837	.0080538	59.34741	-.001331	.3637545
Stddev	.021043	.034275	.0005046	.0000923	.41957	.000144	.0028085
%RSD	1.020080	1.101059	21.17033	1.146708	.7069748	10.80314	.7720995
#1	2.086772	3.148676	.0023929	.0079968	59.61092	-.001483	.3665372
#2	2.054986	3.109762	.0028837	.0081604	59.56773	-.001312	.3638055
#3	2.046989	3.080345	.0018745	.0080043	58.86357	-.001197	.3609209

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.051986	.0252066	.0008382	.0679460	.0009179	.1418098	.1126509
Stddev	.068388	.0015691	.0003310	.0019709	.0000940	.0036522	.0046330
%RSD	.9697747	6.224927	39.48762	2.900682	10.24075	2.575438	4.112674
#1	7.076576	.0243725	.0004574	.0692903	.0010115	.1408365	.1104629
#2	7.104678	.0270166	.0010005	.0656836	.0009186	.1458501	.1095172
#3	6.974702	.0242307	.0010568	.0688642	.0008235	.1387429	.1179727

Reviewed By:jaswal
On:5/16/2025 2:34:16 PM
Inst Id :P4
LB :LB135794

Sample Name: Q1992-01DLX5 Acquired: 5/15/2025 15:31:47 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v46) 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	8.707186	.0640424	-.098611
Stddev	.183041	.0014715	.000966
%RSD	2.102184	2.297743	.9798312
#1	8.629867	.0655816	-.098755
#2	8.916200	.0638961	-.099497
#3	8.575492	.0626495	-.097581

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2576.415	62536.46	20857.18	2292.117	4563.152
Stddev	90.375	66.81	78.38	6.348	78.042
%RSD	3.507767	.1068347	.3757972	.2769569	1.710266
#1	2533.454	62591.59	20781.97	2284.882	4520.324
#2	2680.257	62462.16	20938.39	2296.754	4653.231
#3	2515.535	62555.63	20851.20	2294.714	4515.901

Reviewed By:jaswal
On:5/16/2025 2:34:16 PM
Inst Id :P4
LB :LB135794

Sample Name: Q2005-01 Acquired: 5/15/2025 15:35:59 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v46) 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	.0269821	-.002063	.0174921	.0002755	.0016161	.1216481
Stddev	.0003913	.001819	.0024200	.0017963	.0009818	.0072752
%RSD	1.450211	88.13385	13.83485	652.0558	60.75227	5.980565
#1	.0273078	-.000887	.0156430	-.000501	.0021685	.1165943
#2	.0270905	-.004158	.0166024	-.001002	.0021973	.1299865
#3	.0265480	-.001145	.0202311	.002329	.0004825	.1183635

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1204258	.0000459	.0010493	100.8803	.0165917	.0112393
Stddev	.0009200	.0000625	.0001131	.6789	.0003128	.0004134
%RSD	.7639337	135.9689	10.78141	.6729602	1.885586	3.678529
#1	.1200012	.0000149	.0009190	100.1038	.0167058	.0108235
#2	.1214814	.0001178	.0011059	101.3616	.0162378	.0112443
#3	.1197948	.0000051	.0011229	101.1756	.0168315	.0116503

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0443462	21.10096	2.205061	18.20338	.2622702	.0005462
Stddev	.0005907	.31451	.024621	.07928	.0007392	.0001210
%RSD	1.332060	1.490522	1.116586	.4355163	.2818511	22.14958
#1	.0442393	21.46063	2.176878	18.24203	.2630808	.0005197
#2	.0449831	20.87756	2.222392	18.11219	.2616333	.0006782
#3	.0438163	20.96468	2.215914	18.25592	.2620966	.0004406

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	71.57535	.0018710	.0250233	12.15190	.1903828	.0428642
Stddev	.14398	.0017911	.0005581	.06262	.0019633	.0001904
%RSD	.2011629	95.73059	2.230295	.5152965	1.031248	.4442677
#1	71.40939	.0028919	.0253450	12.22316	.1883239	.0427172
#2	71.64966	-.000197	.0253460	12.12688	.1922340	.0427960
#3	71.66700	.002918	.0243788	12.10566	.1905905	.0430793

Reviewed By:jaswal
On:5/16/2025 2:34:16 PM
Inst Id :P4
LB :LB135794

Sample Name: Q2005-01 Acquired: 5/15/2025 15:35:59 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v46) 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	-.000865	.0010134	4.625145	.4741249	F 96.56827	.1516037
Stddev	.001636	.0002174	.023183	.0042965	.14438	.0042869
%RSD	189.1402	21.45313	.5012460	.9062069	.1495114	2.827709
#1	-.000892	.0009922	4.648466	.4725121	96.71740	.1467324
#2	-.002487	.0012407	4.602102	.4789945	96.55825	.1548013
#3	.000784	.0008074	4.624868	.4708680	96.42916	.1532774

Elem	Sr4077
Units	ppm
Avg	.5710023
Stddev	.0132271
%RSD	2.316478
#1	.5559028
#2	.5805423
#3	.5765618

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2796.910	66548.13	19039.56	2575.712	4023.191
Stddev	31.310	378.05	245.19	23.373	30.527
%RSD	1.119443	.5680924	1.287797	.9074483	.7587819
#1	2833.028	66124.82	19320.95	2549.073	4058.367
#2	2777.466	66852.17	18871.80	2592.784	4007.579
#3	2780.236	66667.39	18925.93	2585.280	4003.627

Reviewed By:jaswal
On:5/16/2025 2:34:16 PM
Inst Id :P4
LB :LB135794

Sample Name: Q1985-01 Acquired: 5/15/2025 15:40:11 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v46) 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	.0006687	-.002250	-.000050	.0056616	.0013525	.0480573
Stddev	.0019534	.001392	.002615	.0025269	.0002207	.0016819
%RSD	292.1215	61.84700	5254.246	44.63300	16.32085	3.499807
#1	-.001063	-.003042	-.000443	.0042707	.0011670	.0472924
#2	.000283	-.000643	-.002447	.0041357	.0012939	.0499858
#3	.002786	-.003066	.002740	.0085784	.0015967	.0468939

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0113161	-.000006	-.000188	2.768467	.0049692	.0011430
Stddev	.0011422	.000081	.000024	.003624	.0003436	.0002862
%RSD	10.09396	1399.841	12.58668	.1309133	6.914907	25.04193
#1	.0125677	-.000032	-.000215	2.772418	.0053257	.0009885
#2	.0110508	.000085	-.000172	2.767686	.0046401	.0009672
#3	.0103299	-.000070	-.000177	2.765297	.0049418	.0014732

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0010757	1.355034	.1039088	2.660857	.0010837	.0001484
Stddev	.0002159	.005050	.0003547	.024141	.0002546	.0001608
%RSD	20.07099	.3726703	.3413873	.9072464	23.49664	108.3340
#1	.0010059	1.360698	.1039238	2.685883	.0008092	.0002198
#2	.0009034	1.351002	.1035469	2.658976	.0013122	.0002613
#3	.0013179	1.353402	.1042559	2.637712	.0011296	-.000036

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	89.57457	.0014846	.0028251	666.0677	.0417327	.0026653
Stddev	.36937	.0018443	.0001718	3.9022	.0011865	.0001528
%RSD	.4123612	124.2309	6.082550	.5858554	2.843180	5.733358
#1	89.18321	.0001252	.0029892	661.6925	.0415967	.0025252
#2	89.62342	.0035840	.0026464	669.1882	.0406200	.0028283
#3	89.91709	.0007446	.0028395	667.3225	.0429814	.0026425

Reviewed By:jaswal
On:5/16/2025 2:34:16 PM
Inst Id :P4
LB :LB135794

Sample Name: Q1985-01 Acquired: 5/15/2025 15:40:11 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v46) 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	.0103119	.0010918	F 16.48147	9.053115	F 30.29098	.0010274
Stddev	.0013397	.0014044	.03892	.037267	.15736	.0008300
%RSD	12.99149	128.6309	.2361538	.4116454	.5194807	80.78657
#1	.0087738	-.000462	16.43823	9.071560	30.45210	.0001710
#2	.0109386	.002270	16.49247	9.010223	30.13768	.0010830
#3	.0112234	.001468	16.51370	9.077562	30.28317	.0018283

Elem	Sr4077
Units	ppm
Avg	.0307871
Stddev	.0001053
%RSD	.3419869
#1	.0308181
#2	.0306697
#3	.0308733

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2749.016	61369.39	17674.25	2484.875	3761.992
Stddev	16.095	177.02	33.24	17.166	19.334
%RSD	.5854927	.2884443	.1880622	.6908079	.5139197
#1	2734.374	61572.31	17638.35	2504.657	3745.672
#2	2766.250	61246.67	17680.44	2473.904	3783.344
#3	2746.424	61289.18	17703.96	2476.064	3756.959

Reviewed By:jaswal
On:5/16/2025 2:34:16 PM
Inst Id :P4
LB :LB135794

Sample Name: Q1985-01DUP Acquired: 5/15/2025 15:44:35 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v46) 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	.0011441	-.002628	.0014964	.0037952	-.001044	.0620940
Stddev	.0024600	.002339	.0020755	.0054737	.000650	.0019842
%RSD	215.0176	89.01445	138.7030	144.2265	62.24473	3.195523
#1	.0003841	-.003044	.0034617	.0097345	-.000412	.0637704
#2	-.000846	-.004731	.0017017	.0026979	-.001710	.0626083
#3	.003894	-.000109	-.000674	-.001047	-.001009	.0599032

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0104388	-.000067	-.000111	2.788722	.0049473	.0010792
Stddev	.0008973	.000078	.000065	.008720	.0004040	.0001669
%RSD	8.595312	117.2716	58.92962	.3126790	8.166061	15.46392
#1	.0096542	-.000101	-.000185	2.795278	.0053084	.0012408
#2	.0114170	.000023	-.000080	2.778826	.0045110	.0010892
#3	.0102452	-.000122	-.000066	2.792062	.0050227	.0009075

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006490	1.374475	.0374135	2.638515	.0005527	.0002598
Stddev	.0001416	.013271	.0006508	.008292	.0003347	.0001758
%RSD	21.81406	.9655586	1.739399	.3142716	60.56228	67.65887
#1	.0005953	1.378836	.0366704	2.630355	.0001665	.0000595
#2	.0005422	1.359572	.0378820	2.646933	.0007589	.0003885
#3	.0008096	1.385017	.0376880	2.638255	.0007328	.0003312

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	92.04976	-.000195	.0037434	687.3085	.0415409	.0026759
Stddev	.55179	.000622	.0003710	9.7517	.0008243	.0004099
%RSD	.5994466	318.4328	9.910211	1.418826	1.984355	15.31922
#1	92.68439	.000444	.0041542	698.0162	.0407093	.0022880
#2	91.68339	-.000798	.0034329	684.9722	.0423578	.0031048
#3	91.78150	-.000232	.0036429	678.9371	.0415556	.0026349

Reviewed By:jaswal
On:5/16/2025 2:34:16 PM
Inst Id :P4
LB :LB135794

Sample Name: Q1985-01DUP Acquired: 5/15/2025 15:44:35 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v46) 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	.0103425	.0004890	F 16.88857	9.210770	F 31.05312	.0008999
Stddev	.0006544	.0005684	.08705	.020095	.02126	.0007266
%RSD	6.327469	116.2256	.5154439	.2181701	.0684574	80.74527
#1	.0110644	.0000079	16.98909	9.187706	31.04534	.0015894
#2	.0101749	.0011162	16.83843	9.224507	31.07717	.0001411
#3	.0097882	.0003430	16.83820	9.220096	31.03684	.0009691

Elem	Sr4077
Units	ppm
Avg	.0307707
Stddev	.0001272
%RSD	.4134072
#1	.0306241
#2	.0308365
#3	.0308515

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2680.439	60224.95	17851.26	2417.988	3652.974
Stddev	5.998	263.86	50.83	16.729	9.135
%RSD	.2237721	.4381319	.2847594	.6918643	.2500717
#1	2677.197	59920.50	17901.40	2398.975	3659.406
#2	2687.361	60366.81	17799.76	2424.541	3656.997
#3	2676.760	60387.54	17852.61	2430.449	3642.517

Reviewed By:jaswal
On:5/16/2025 2:34:16 PM
Inst Id :P4
LB :LB135794

Sample Name: Q1985-01LX5 Acquired: 5/15/2025 15:48:59 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v46) 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	-.000909	.0005255	-.001232	.0038792	.0056847	.0191186	.0011393
Stddev	.002419	.0012314	.000734	.0023078	.0028863	.0014482	.0006963
%RSD	266.1730	234.3031	59.54199	59.49124	50.77272	7.574709	61.11266
#1	-.000500	.0005895	-.001612	.0023758	.0082429	.0182442	.0015408
#2	-.003506	-.000737	-.001698	.0065364	.0025557	.0207903	.0015417
#3	.001280	.001724	-.000386	.0027255	.0062555	.0183215	.0003353

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000061	-.000067	.5335120	.0009082	.0002012	.0004083	.2446586
Stddev	.0000625	.000095	.0027415	.0000386	.0004112	.0001035	.0057494
%RSD	1028.933	141.5985	.5138651	4.246066	204.3283	25.35299	2.349977
#1	.0000184	.000043	.5333469	.0008906	-.000152	.0005184	.2459625
#2	-.000062	-.000116	.5308567	.0008815	.000652	.0003129	.2383693
#3	.000061	-.000129	.5363324	.0009524	.000104	.0003936	.2496442

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0198302	.5079550	.0000914	.0001268	16.21162	-.001123	.0017870
Stddev	.0000948	.0176312	.0003735	.0003259	.06204	.000541	.0001037
%RSD	.4782576	3.471008	408.5399	257.0149	.3826746	48.17617	5.803988
#1	.0197989	.5203930	.0004737	.0004855	16.19115	-.001533	.0016712
#2	.0197550	.5156942	-.000273	-.000151	16.16240	-.000510	.0018713
#3	.0199367	.4877779	.000073	.000046	16.28130	-.001326	.0018185

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	121.6934	.0082768	.0007120	.0060707	.0006211	3.001195	1.776517
Stddev	.2911	.0008009	.0000838	.0008442	.0003572	.013150	.005167
%RSD	.2392425	9.675997	11.76583	13.90641	57.50937	.4381685	.2908591
#1	121.7157	.0088406	.0006180	.0053247	.0005525	2.986050	1.771259
#2	121.3917	.0073601	.0007392	.0069871	.0010075	3.007819	1.776703
#3	121.9727	.0086298	.0007788	.0059004	.0003031	3.009716	1.781588

Reviewed By:jaswal
On:5/16/2025 2:34:16 PM
Inst Id :P4
LB :LB135794

Sample Name: Q1985-01LX5 Acquired: 5/15/2025 15:48:59 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v46) 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	5.962198	.0017214	.0059593
Stddev	.015327	.0005863	.0000419
%RSD	.2570711	34.05935	.7034932
#1	5.957773	.0022325	.0059140
#2	5.979251	.0010814	.0059673
#3	5.949571	.0018504	.0059967

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2789.586	63506.46	17491.02	2557.335	3939.703
Stddev	10.800	259.87	156.16	14.706	11.564
%RSD	.3871453	.4091973	.8927825	.5750353	.2935327
#1	2783.250	63309.61	17367.28	2542.940	3928.289
#2	2802.056	63408.76	17439.31	2556.733	3951.412
#3	2783.452	63801.02	17666.48	2572.333	3939.409

Reviewed By:jaswal
On:5/16/2025 2:34:16 PM
Inst Id :P4
LB :LB135794

Sample Name: CCV03 Acquired: 5/15/2025 15:53:15 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v46) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV03 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.925032	4.914740	4.928566	4.863057	4.893679	9.951749	9.352309
Stddev	.016008	.024247	.006802	.004222	.008037	.022846	.086724
%RSD	.3250247	.4933475	.1380111	.0868242	.1642422	.2295628	.9272971
#1	4.916839	4.889857	4.920731	4.866790	4.892994	9.935788	9.256602
#2	4.914779	4.938297	4.932009	4.858475	4.886005	9.977919	9.425679
#3	4.943477	4.916065	4.932958	4.863906	4.902036	9.941540	9.374647

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2611276	2.431345	24.46435	.9951064	2.463273	1.239065	4.538535
Stddev	.0005144	.001590	.06163	.0019344	.000830	.002440	.009503
%RSD	.1969785	.0654126	.2519122	.1943891	.0336893	.1969265	.2093844
#1	.2608617	2.433181	24.52977	.9960521	2.464137	1.241600	4.541030
#2	.2617204	2.430384	24.45589	.9963859	2.463199	1.236733	4.546542
#3	.2608005	2.430470	24.40739	.9928811	2.462483	1.238860	4.528034

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.430969	24.08293	2.438090	1.220139	22.92098	2.412712	2.456335
Stddev	.006440	.13588	.000807	.000427	.00651	.001075	.006904
%RSD	.2649295	.5641970	.0330837	.0349777	.0284114	.0445604	.2810686
#1	2.426176	24.04888	2.437182	1.220499	22.92803	2.411699	2.449846
#2	2.438289	24.23260	2.438725	1.220249	22.91520	2.413840	2.463590
#3	2.428440	23.96732	2.438362	1.219667	22.91970	2.412598	2.455568

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	22.66381	5.128481	4.979928	4.893795	4.798731	4.524602	4.926974
Stddev	.02608	.014677	.005326	.007535	.003291	.022224	.019563
%RSD	.1150941	.2861902	.1069588	.1539605	.0685895	.4911846	.3970536
#1	22.65215	5.114717	4.982670	4.885112	4.800428	4.499456	4.908158
#2	22.69369	5.143926	4.973790	4.898610	4.800827	4.532737	4.925558
#3	22.64558	5.126799	4.983326	4.897663	4.794937	4.541612	4.947207

Reviewed By:jaswal
On:5/16/2025 2:34:16 PM
Inst Id :P4
LB :LB135794

Sample Name: CCV03 Acquired: 5/15/2025 15:53:15 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v46) 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	4.841939	4.908477	4.950852
Stddev	.003108	.007594	.013434
%RSD	.0641860	.1547213	.2713507
#1	4.845401	4.917006	4.945712
#2	4.839390	4.902446	4.966097
#3	4.841027	4.905979	4.940747

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2838.950	64957.55	16814.37	2590.997	3974.618
Stddev	7.766	140.62	36.21	9.322	10.798
%RSD	.2735430	.2164809	.2153450	.3598013	.2716656
#1	2830.380	65113.03	16855.28	2601.762	3962.150
#2	2845.521	64920.35	16786.44	2585.628	3980.896
#3	2840.949	64839.28	16801.38	2585.602	3980.809

Reviewed By:jaswal
On:5/16/2025 2:34:16 PM
Inst Id :P4
LB :LB135794

Sample Name: CCB03 Acquired: 5/15/2025 15:57:28 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v46) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB03 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001075	.0024939	.0012667	.0032742	.0014375	.0220810	.0002985
Stddev	.004797	.0004271	.0002212	.0003615	.0012443	.0016796	.0001655
%RSD	446.2828	17.12384	17.46411	11.03985	86.56123	7.606385	55.45776
#1	.002430	.0024368	.0011655	.0036899	.0026064	.0203743	.0004725
#2	-.006542	.0020983	.0011142	.0030991	.0001295	.0237320	.0002800
#3	.000888	.0029467	.0015204	.0030337	.0015766	.0221367	.0001430

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000244	.0001593	.0017458	-.000062	.0000819	-.000240	.0121999
Stddev	.0000092	.0000654	.0048951	.000230	.0002586	.000269	.0022444
%RSD	37.57477	41.07712	280.4012	371.6082	315.8558	112.2201	18.39653
#1	.0000349	.0002159	.0010230	.000071	.0001967	.000070	.0139039
#2	.0000197	.0000877	-.002748	-.000327	.0002632	-.000416	.0130389
#3	.0000185	.0001742	.006962	.000070	-.000214	-.000373	.0096569

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0010817	-.001293	.0003320	.0003794	-.237288	-.000202	.0017419
Stddev	.0000853	.003240	.0003227	.0002609	.006021	.000374	.0005054
%RSD	7.887597	250.5097	97.19930	68.76930	2.537489	185.2152	29.01682
#1	.0011681	-.003461	.0003509	.0004251	-.231431	-.000608	.0013056
#2	.0009975	-.002850	.0000002	.0006146	-.236972	-.000123	.0016243
#3	.0010796	.002431	.0006448	.0000987	-.243461	.000126	.0022958

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.028054	.0070515	.0010333	-.000927	.0014412	.0005303	-.003128
Stddev	.033692	.0000598	.0001360	.000322	.0005137	.0158677	.002552
%RSD	120.0940	.8484260	13.16047	34.72434	35.64166	2992.402	81.60172
#1	-.043120	.0070018	.0010103	-.000630	.0011542	.0144851	-.002964
#2	-.051585	.0070349	.0009103	-.000882	.0020343	-.016730	-.005758
#3	.010541	.0071179	.0011793	-.001269	.0011353	.003835	-.000661

Reviewed By:jaswal
On:5/16/2025 2:34:16 PM
Inst Id :P4
LB :LB135794

Sample Name: CCB03 Acquired: 5/15/2025 15:57:28 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v46) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB03 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0045491	-.001632	.0006766
Stddev	.0036513	.000470	.0000771
%RSD	80.26383	28.81179	11.39948
#1	.0012517	-.001280	.0007077
#2	.0039224	-.001450	.0007332
#3	.0084731	-.002166	.0005887

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2949.478	67116.10	19094.52	2656.923	4415.713
Stddev	4.429	193.01	58.11	13.396	3.035
%RSD	.1501583	.2875739	.3043192	.5042022	.0687240
#1	2952.824	67336.14	19093.94	2670.630	4418.786
#2	2951.155	66975.44	19036.70	2656.278	4415.636
#3	2944.456	67036.73	19152.91	2643.860	4412.718

Reviewed By:jaswal
On:5/16/2025 2:34:16 PM
Inst Id :P4
LB :LB135794

Sample Name: Q1985-01MS Acquired: 5/15/2025 16:01:47 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v46) 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	.7881511	1.810945	.9417415	1.832386	.7687565	1.934778
Stddev	.0026843	.011892	.0032082	.004874	.0028284	.009914
%RSD	.3405861	.6566800	.3406624	.2659790	.3679181	.5123861
#1	.7851054	1.799715	.9451086	1.837729	.7678138	1.936928
#2	.7901723	1.823404	.9387203	1.828184	.7665197	1.923966
#3	.7891756	1.809714	.9413957	1.831244	.7719358	1.943440

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1899452	.1818097	.1980466	3.768294	.3981182	.1959789
Stddev	.0006888	.0011177	.0003044	.008886	.0001065	.0006709
%RSD	.3626097	.6147650	.1536999	.2358125	.0267456	.3423143
#1	.1907405	.1812675	.1980072	3.768119	.3981195	.1964247
#2	.1895483	.1810666	.1983688	3.777266	.3982239	.1963047
#3	.1895467	.1830951	.1977638	3.759496	.3980110	.1952074

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2797551	4.331526	.3397373	4.503212	.4821230	.0597939
Stddev	.0008342	.042140	.0010429	.042745	.0011552	.0005745
%RSD	.2981819	.9728564	.3069614	.9492058	.2396160	.9608469
#1	.2794290	4.353373	.3389709	4.473362	.4831720	.0595331
#2	.2791332	4.358256	.3409249	4.552179	.4823122	.0604526
#3	.2807031	4.282949	.3393162	4.484095	.4808849	.0593960

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	96.07381	.2828734	.2011936	702.0022	.3054108	.4100419
Stddev	.67046	.0011885	.0007278	4.5404	.0021102	.0007284
%RSD	.6978596	.4201547	.3617470	.6467717	.6909446	.1776431
#1	96.45502	.2833411	.2007022	707.0875	.3043982	.4094208
#2	96.46674	.2815222	.2008489	698.3553	.3039977	.4108437
#3	95.29965	.2837569	.2020298	700.5638	.3078365	.4098613

Reviewed By:jaswal
On:5/16/2025 2:34:16 PM
Inst Id :P4
LB :LB135794

Sample Name: Q1985-01MS Acquired: 5/15/2025 16:01:47 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v46) 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	.7050514	.1916982	F 17.98260	15.44695	F 31.52717	.2071802
Stddev	.0019128	.0007250	.12143	.04409	.07865	.0010367
%RSD	.2713004	.3781720	.6752791	.2854388	.2494803	.5004092
#1	.7049066	.1915517	18.02572	15.40190	31.49641	.2080154
#2	.7070326	.1924852	18.07659	15.49001	31.61655	.2075053
#3	.7032152	.1910577	17.84549	15.44894	31.46854	.2060198

Elem	Sr4077
Units	ppm
Avg	.2209267
Stddev	.0002757
%RSD	.1248056
#1	.2206422
#2	.2211927
#3	.2209452

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2660.844	59638.64	17468.67	2420.429	3616.584
Stddev	4.076	168.43	69.54	2.585	1.735
%RSD	.1531800	.2824093	.3980839	.1068078	.0479672
#1	2665.023	59573.57	17492.39	2417.523	3618.490
#2	2660.629	59512.45	17523.24	2421.294	3615.098
#3	2656.880	59829.89	17390.37	2422.472	3616.164

Reviewed By:jaswal
On:5/16/2025 2:34:16 PM
Inst Id :P4
LB :LB135794

Sample Name: Q1985-01MSD Acquired: 5/15/2025 16:05:58 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v46) 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	.7814222	1.789179	.9370218	1.830286	.7625619	1.923547
Stddev	.0047902	.011189	.0022321	.006785	.0024400	.004243
%RSD	.6130046	.6253784	.2382150	.3707053	.3199691	.2205693
#1	.7835073	1.790984	.9381915	1.827735	.7630471	1.918659
#2	.7759429	1.777198	.9344480	1.825146	.7599158	1.926277
#3	.7848165	1.799357	.9384260	1.837977	.7647228	1.925706

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1864829	.1843587	.1965900	3.685994	.3951331	.1943850
Stddev	.0006135	.0003313	.0006484	.001093	.0011317	.0007844
%RSD	.3289950	.1797045	.3298401	.0296564	.2864010	.4035417
#1	.1861980	.1840168	.1972369	3.687125	.3946691	.1951030
#2	.1871870	.1846783	.1959400	3.684944	.3964231	.1935478
#3	.1860635	.1843810	.1965931	3.685911	.3943073	.1945041

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2765453	4.278469	.2260641	4.443497	.4769660	.0586091
Stddev	.0005831	.008380	.0006631	.010037	.0009719	.0002656
%RSD	.2108564	.1958745	.2933161	.2258755	.2037754	.4531964
#1	.2764462	4.272373	.2259546	4.445592	.4773287	.0587921
#2	.2760180	4.288025	.2254626	4.432578	.4758648	.0583044
#3	.2771715	4.275008	.2267752	4.452321	.4777044	.0587308

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	93.79721	.2781669	.2002367	686.7444	.3080190	.4029400
Stddev	.19858	.0009500	.0004379	1.9581	.0010549	.0011382
%RSD	.2117117	.3415333	.2187101	.2851323	.3424876	.2824792
#1	93.96931	.2790935	.2001707	686.4555	.3068491	.4020950
#2	93.57993	.2771950	.2007038	688.8310	.3083099	.4024908
#3	93.84240	.2782122	.1998355	684.9469	.3088979	.4042343

Reviewed By:jaswal
On:5/16/2025 2:34:16 PM
Inst Id :P4
LB :LB135794

Sample Name: Q1985-01MSD Acquired: 5/15/2025 16:05:58 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v46) 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	.6989516	.1886993	F 17.57086	15.35903	F 31.36461	.2040343
Stddev	.0015053	.0014926	.03173	.06185	.10574	.0012155
%RSD	.2153635	.7909671	.1805782	.4027256	.3371382	.5957552
#1	.7006460	.1891314	17.58752	15.37868	31.41531	.2034657
#2	.6977687	.1870383	17.59079	15.28974	31.24307	.2054299
#3	.6984401	.1899281	17.53427	15.40867	31.43546	.2032072

Elem	Sr4077
Units	ppm
Avg	.2178429
Stddev	.0006322
%RSD	.2902035
#1	.2176682
#2	.2173164
#3	.2185441

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2642.060	58519.82	16987.62	2382.501	3578.898
Stddev	9.829	71.17	27.93	1.862	10.877
%RSD	.3720149	.1216144	.1643875	.0781667	.3039186
#1	2650.224	58558.79	17019.85	2381.521	3584.149
#2	2644.806	58563.00	16972.35	2384.648	3586.152
#3	2631.150	58437.68	16970.66	2381.333	3566.391

Reviewed By:jaswal
On:5/16/2025 2:34:16 PM
Inst Id :P4
LB :LB135794

Sample Name: Q1985-01A Acquired: 5/15/2025 16:10:10 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v46) 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	.7766234	1.762008	.9280380	1.806595	.7661387	1.918680
Stddev	.0014359	.007726	.0026657	.005742	.0019945	.003617
%RSD	.1848948	.4384732	.2872417	.3178464	.2603290	.1885191
#1	.7782420	1.759063	.9282542	1.809118	.7661546	1.914934
#2	.7761254	1.770774	.9252707	1.800023	.7641364	1.918951
#3	.7755027	1.756188	.9305890	1.810643	.7681253	1.922153

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1906048	.1771092	.1946916	3.689958	.3981328	.1940253
Stddev	.0006449	.0013363	.0004126	.004541	.0014738	.0006727
%RSD	.3383259	.7545274	.2119474	.1230612	.3701837	.3467116
#1	.1905807	.1766401	.1947826	3.684776	.3964946	.1937828
#2	.1912613	.1786168	.1942411	3.691852	.3985529	.1935074
#3	.1899723	.1760706	.1950512	3.693244	.3993510	.1947856

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2745162	4.404381	.2796207	4.391636	.4745051	.0505537
Stddev	.0006594	.037219	.0015298	.023678	.0004263	.0004557
%RSD	.2402186	.8450525	.5470819	.5391506	.0898477	.9013584
#1	.2737701	4.403920	.2782267	4.367284	.4744072	.0506496
#2	.2747572	4.367394	.2812572	4.414576	.4741363	.0500578
#3	.2750211	4.441829	.2793780	4.393048	.4749719	.0509539

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	95.08963	.2826058	.1992709	694.6915	.2951264	.4113542
Stddev	.50312	.0032403	.0016031	3.8860	.0017873	.0016890
%RSD	.5291003	1.146597	.8044659	.5593888	.6055873	.4105884
#1	95.14377	.2805193	.1974261	691.1129	.2935874	.4097523
#2	94.56162	.2863388	.2003256	698.8253	.2970866	.4111919
#3	95.56348	.2809593	.2000609	694.1364	.2947051	.4131185

Reviewed By:jaswal
On:5/16/2025 2:34:16 PM
Inst Id :P4
LB :LB135794

Sample Name: Q1985-01A Acquired: 5/15/2025 16:10:10 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v46) 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	.7002125	.1936509	F 17.92207	14.78821	F 29.87660	.2032847
Stddev	.0018184	.0014327	.08526	.01241	.05349	.0004763
%RSD	.2596972	.7398574	.4757533	.0838900	.1790332	.2342805
#1	.7017346	.1952711	17.88876	14.78526	29.83456	.2035581
#2	.6981988	.1931304	17.85849	14.80182	29.85842	.2027348
#3	.7007042	.1925511	18.01897	14.77754	29.93681	.2035613

Elem	Sr4077
Units	ppm
Avg	.2171989
Stddev	.0001225
%RSD	.0564154
#1	.2173186
#2	.2172042
#3	.2170737

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2693.469	59185.84	17837.49	2413.511	3680.917
Stddev	5.601	122.87	74.10	11.715	2.780
%RSD	.2079619	.2076003	.4153987	.4854013	.0755276
#1	2699.415	59182.33	17837.83	2410.358	3680.288
#2	2692.698	59310.42	17763.22	2426.480	3683.957
#3	2688.292	59064.76	17911.41	2403.695	3678.505

Reviewed By:jaswal
On:5/16/2025 2:34:16 PM
Inst Id :P4
LB :LB135794

Sample Name: PB167943TB Acquired: 5/15/2025 16:14:21 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v46) 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	-.003014	-.001252	-.001411	.0052515	.0012596	.0092918	-.001064
Stddev	.001066	.000702	.000193	.0017515	.0018767	.0032307	.000862
%RSD	35.37620	56.04861	13.68492	33.35181	148.9896	34.76889	80.98354
#1	-.003247	-.001202	-.001634	.0057048	.0031811	.0114590	-.000460
#2	-.003944	-.001977	-.001299	.0033179	.0011664	.0108378	-.000681
#3	-.001850	-.000576	-.001300	.0067317	-.000569	.0055787	-.002052

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000041	-.000084	.0007063	.0000978	-.000411	-.000322	.0321249
Stddev	.000024	.000096	.0079308	.0002165	.000089	.000151	.0044534
%RSD	57.84555	114.8010	1122.891	221.3890	21.61259	46.98342	13.86281
#1	-.000015	-.000050	-.008342	-.000139	-.000342	-.000380	.0369244
#2	-.000061	-.000193	.004009	.000147	-.000511	-.000435	.0281263
#3	-.000046	-.000009	.006452	.000285	-.000379	-.000150	.0313241

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0030303	-.010792	.0009872	.0003075	479.9505	-.001233	.0006278
Stddev	.0001690	.015386	.0002877	.0001412	6.2516	.002063	.0002371
%RSD	5.578869	142.5684	29.14301	45.90268	1.302547	167.3387	37.77056
#1	.0030573	-.026952	.0011330	.0001512	476.0621	.000612	.0006304
#2	.0031842	-.009102	.0011727	.0003457	476.6276	-.000850	.0008636
#3	.0028493	.003679	.0006557	.0004257	487.1618	-.003460	.0003894

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1398293	.0013675	.0004841	-.000141	.0006350	-.010586	.0021314
Stddev	.0179813	.0010128	.0001286	.000793	.0005870	.000312	.0027676
%RSD	12.85944	74.05994	26.56929	561.5013	92.43481	2.948271	129.8527
#1	.1603964	.0022838	.0003383	.000567	.0011405	-.010230	-.000980
#2	.1320096	.0002800	.0005816	-.000998	.0007734	-.010715	.003055
#3	.1270818	.0015388	.0005324	.000007	-.000009	-.010813	.004319

Reviewed By:jaswal
On:5/16/2025 2:34:16 PM
Inst Id :P4
LB :LB135794

Sample Name: PB167943TB Acquired: 5/15/2025 16:14:21 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v46) 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	.0353624	-.003072	.0000018
Stddev	.0028961	.000554	.0000611
%RSD	8.189715	18.02730	3435.388
#1	.0320849	-.002706	.0000510
#2	.0375763	-.002801	-.000067
#3	.0364261	-.003710	.000021

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2687.260	60510.29	17215.88	2427.055	3715.080
Stddev	5.275	51.50	82.26	6.074	5.097
%RSD	.1962922	.0851104	.4777994	.2502769	.1371862
#1	2682.761	60526.31	17132.43	2424.602	3715.490
#2	2693.065	60551.88	17296.88	2422.591	3719.960
#3	2685.953	60452.69	17218.34	2433.972	3709.791

Reviewed By:jaswal
On:5/16/2025 2:34:16 PM
Inst Id :P4
LB :LB135794

Sample Name: PB167954BL Acquired: 5/15/2025 16:18:50 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v46) 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	.0003057	-.000362	.0010158	.0035391	.0007327	.0018392	-.001088
Stddev	.0026958	.001771	.0003391	.0031981	.0006672	.0060031	.000338
%RSD	881.9164	489.3589	33.38279	90.36411	91.06002	326.3995	31.04871
#1	-.000223	.000469	.0007434	.0000381	.0003252	.0031531	-.000884
#2	-.002087	.000841	.0009084	.0042724	.0015026	-.004712	-.000903
#3	.003227	-.002396	.0013956	.0063070	.0003702	.007077	-.001479

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000003	.0000268	.0079093	-.000212	-.000045	-.000124	.0008735
Stddev	.000047	.0000277	.0025639	.000781	.000141	.000702	.0006842
%RSD	1752.900	103.2682	32.41627	368.1459	315.3802	567.6071	78.33601
#1	-.000053	.0000287	.0108694	-.000435	-.000172	-.000693	.0005229
#2	.000040	-.000002	.0063857	.000656	-.000070	.000661	.0004356
#3	.000004	.000053	.0064728	-.000858	.000107	-.000339	.0016620

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000331	-.014845	-.000121	.0001333	.2497753	-.000909	.0007093
Stddev	.0002514	.015455	.000053	.0005463	.0187459	.001500	.0000512
%RSD	758.3669	104.1082	43.92231	409.7341	7.505115	164.9477	7.220694
#1	-.000171	-.002078	-.000065	.0006907	.2647587	-.000852	.0006691
#2	.000314	-.010430	-.000171	-.000401	.2558125	.000561	.0007670
#3	-.000044	-.032027	-.000127	.000110	.2287546	-.002437	.0006919

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3218504	.0007989	.0003772	.0044475	.0003124	-.006954	-.003795
Stddev	.0280450	.0004466	.0003891	.0004855	.0006787	.005729	.002301
%RSD	8.713678	55.89609	103.1559	10.91700	217.2724	82.37350	60.63941
#1	.3176787	.0012180	-.000071	.0044314	-.000390	-.012147	-.003523
#2	.3517476	.0008497	.000570	.0049408	.000363	-.007907	-.001642
#3	.2961249	.0003292	.000632	.0039702	.000964	-.000809	-.006220

Reviewed By:jaswal
On:5/16/2025 2:34:16 PM
Inst Id :P4
LB :LB135794

Sample Name: PB167954BL Acquired: 5/15/2025 16:18:50 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v46) 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	.0062255	.0025574	.0000333
Stddev	.0021514	.0010696	.0000726
%RSD	34.55738	41.82564	218.2652
#1	.0067916	.0037800	.0000497
#2	.0080373	.0017942	-.000046
#3	.0038477	.0020980	.000096

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2896.848	64217.93	17184.10	2584.990	4318.896
Stddev	.813	47.98	52.55	2.656	2.226
%RSD	.0280779	.0747074	.3057928	.1027659	.0515475
#1	2896.187	64195.55	17129.06	2587.452	4321.269
#2	2896.600	64273.00	17189.49	2582.174	4318.563
#3	2897.756	64185.23	17233.74	2585.344	4316.854

Reviewed By:jaswal
On:5/16/2025 2:34:16 PM
Inst Id :P4
LB :LB135794

Sample Name: PB167954BS Acquired: 5/15/2025 16:23:07 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v46) 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	.7364388	1.835334	.9086216	1.814002	.7396869	1.820721
Stddev	.0040430	.002251	.0037879	.001092	.0030602	.004886
%RSD	.5489941	.1226539	.4168856	.0601979	.4137100	.2683506
#1	.7385161	1.836942	.9043339	1.813364	.7420320	1.815273
#2	.7317795	1.836299	.9100173	1.815263	.7362253	1.822177
#3	.7390210	1.832761	.9115137	1.813378	.7408034	1.824714

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1717212	.1862134	.1805746	.9314433	.3752279	.1800098
Stddev	.0018938	.0006180	.0004553	.0064001	.0006732	.0004276
%RSD	1.102860	.3319021	.2521578	.6871145	.1794059	.2375144
#1	.1735155	.1856423	.1800882	.9385728	.3745033	.1796739
#2	.1719068	.1868696	.1806447	.9295637	.3753464	.1798645
#3	.1697414	.1861284	.1809908	.9261935	.3758340	.1804911

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2829195	2.656144	.1833312	1.758116	.4463559	.0697309
Stddev	.0010594	.009090	.0011671	.020879	.0009879	.0001817
%RSD	.3744669	.3422225	.6366106	1.187552	.2213192	.2605538
#1	.2823602	2.648053	.1825842	1.780753	.4458659	.0698280
#2	.2822570	2.665980	.1846761	1.753980	.4457087	.0695213
#3	.2841414	2.654398	.1827333	1.739615	.4474930	.0698435

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.664041	.2677071	.1882663	8.620201	.2823318	.3844183
Stddev	.008357	.0027156	.0005793	.018321	.0007159	.0014626
%RSD	.3136985	1.014392	.3076981	.2125300	.2535809	.3804570
#1	2.659497	.2682478	.1881004	8.641172	.2820021	.3842077
#2	2.658941	.2701116	.1877881	8.612128	.2831532	.3830724
#3	2.673686	.2647618	.1889105	8.607304	.2818402	.3859747

Reviewed By:jaswal
On:5/16/2025 2:34:16 PM
Inst Id :P4
LB :LB135794

Sample Name: PB167954BS Acquired: 5/15/2025 16:23:07 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v46) 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	.6363934	.1832431	.7620553	5.355405	F -.003714	.1915944
Stddev	.0018550	.0004593	.0111805	.013070	.002306	.0003569
%RSD	.2914839	.2506478	1.467153	.2440538	62.09361	.1862912
#1	.6345584	.1828438	.7724218	5.351701	-.005620	.1914858
#2	.6363541	.1837450	.7635358	5.344587	-.001150	.1913044
#3	.6382678	.1831406	.7502082	5.369927	-.004372	.1919930

Elem	Sr4077
Units	ppm
Avg	.1860388
Stddev	.0003875
%RSD	.2082618
#1	.1858091
#2	.1864861
#3	.1858212

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2924.891	65539.21	17722.59	2620.847	4335.633
Stddev	10.771	235.39	26.93	8.814	9.252
%RSD	.3682483	.3591524	.1519687	.3363031	.2133988
#1	2916.051	65711.91	17747.81	2620.000	4329.593
#2	2936.887	65634.61	17694.22	2630.054	4346.284
#3	2921.735	65271.10	17725.75	2612.487	4331.021

Reviewed By:jaswal
On:5/16/2025 2:34:16 PM
Inst Id :P4
LB :LB135794

Sample Name: PB167984BL Acquired: 5/15/2025 16:27:13 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v46) 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	.0021979	.0006356	.0007476	.0010712	.0011301	.0030519	-.001388
Stddev	.0051025	.0009045	.0001768	.0025207	.0015134	.0035737	.000394
%RSD	232.1532	142.3021	23.65513	235.3224	133.9212	117.0953	28.38431
#1	-.002703	-.000373	.0009518	.0025151	.0022537	-.000628	-.001125
#2	.007481	.001375	.0006457	-.001839	-.000591	.003275	-.001842
#3	.001816	.000905	.0006454	.002538	.001727	.006509	-.001198

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000511	-.000081	.0116725	-.000161	.0000204	-.000125	-.000840
Stddev	.0000702	.000037	.0012750	.000175	.0000978	.000293	.002440
%RSD	137.3125	45.66354	10.92348	108.2503	478.3077	234.2341	290.3690
#1	-.000030	-.000090	.0119891	-.000215	.0001201	-.000016	.001764
#2	.000086	-.000041	.0127594	-.000303	-.000075	.000098	-.001212
#3	.000097	-.000113	.0102690	.000034	.000017	-.000458	-.003073

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000249	-.006748	-.000112	.0003413	-.057318	.0003189	.0004817
Stddev	.000381	.008798	.000144	.0002046	.002715	.0027032	.0001344
%RSD	152.6475	130.3731	128.5829	59.95095	4.736301	847.7741	27.89436
#1	-.000564	-.014355	.000008	.0002596	-.056214	.0007022	.0006368
#2	.000174	-.008775	-.000271	.0001902	-.055330	-.002556	.0004037
#3	-.000358	.002886	-.000073	.0005742	-.060411	.002810	.0004045

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0844029	.0007355	.0004294	.0042830	.0004062	-.007786	-.002197
Stddev	.0067450	.0002959	.0002990	.0012488	.0005665	.002043	.003461
%RSD	7.991497	40.23205	69.63814	29.15749	139.4661	26.24334	157.5372
#1	.0921754	.0006210	.0002400	.0047881	-.000191	-.007190	-.001791
#2	.0800844	.0005140	.0002741	.0028607	.000475	-.010061	-.005844
#3	.0809488	.0010716	.0007741	.0052001	.000935	-.006107	.001043

Reviewed By:jaswal
On:5/16/2025 2:34:16 PM
Inst Id :P4
LB :LB135794

Sample Name: PB167984BL Acquired: 5/15/2025 16:27:13 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v46) 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	.0009932	.0001023	-.000025
Stddev	.0049576	.0002122	.000064
%RSD	499.1307	207.4792	253.4843
#1	-.004551	.0002855	-.000099
#2	.002529	-.000130	.000017
#3	.005001	.000151	.000006

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2912.210	66105.03	16685.83	2630.546	4361.254
Stddev	5.674	124.95	34.24	5.521	7.742
%RSD	.1948460	.1890175	.2051911	.2098662	.1775231
#1	2914.601	66084.05	16718.05	2631.483	4361.564
#2	2916.298	65991.90	16689.56	2624.616	4368.837
#3	2905.731	66239.15	16649.88	2635.537	4353.362

Reviewed By:jaswal
On:5/16/2025 2:34:16 PM
Inst Id :P4
LB :LB135794

Sample Name: PB167984BS Acquired: 5/15/2025 16:31:32 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v46) 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	.7669142	1.882380	.9320669	1.886745	.7558788	1.866549
Stddev	.0038156	.016293	.0024275	.007525	.0019147	.003883
%RSD	.4975227	.8655570	.2604404	.3988516	.2533102	.2080530
#1	.7635580	1.899104	.9315590	1.894088	.7548157	1.869588
#2	.7710642	1.881479	.9347081	1.879050	.7547315	1.862174
#3	.7661205	1.866556	.9299336	1.887096	.7580892	1.867884

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1715456	.2012528	.1860564	.9378642	.3850349	.1850537
Stddev	.0012416	.0007084	.0004559	.0054808	.0011722	.0002260
%RSD	.7237979	.3520107	.2450302	.5843955	.3044450	.1221394
#1	.1725331	.2020622	.1856555	.9349326	.3862487	.1851778
#2	.1701517	.2007454	.1865523	.9441873	.3839093	.1847928
#3	.1719520	.2009507	.1859614	.9344727	.3849465	.1851905

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2912197	2.652084	.1860702	1.797813	.4587846	.0720405
Stddev	.0005761	.017852	.0009503	.011881	.0012513	.0005319
%RSD	.1978328	.6731394	.5107409	.6608703	.2727337	.7383340
#1	.2918185	2.661165	.1866196	1.808873	.4580502	.0714800
#2	.2911713	2.631517	.1866180	1.799311	.4602294	.0725382
#3	.2906693	2.663571	.1849728	1.785253	.4580743	.0721035

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.529215	.2711940	.1946316	8.465502	.3044416	.3887197
Stddev	.020903	.0009174	.0006219	.069615	.0006995	.0013852
%RSD	.8264809	.3382902	.3195392	.8223398	.2297506	.3563384
#1	2.522038	.2717233	.1945612	8.409319	.3052428	.3902246
#2	2.512847	.2701346	.1940478	8.443804	.3039529	.3884361
#3	2.552762	.2717240	.1952857	8.543382	.3041290	.3874982

Reviewed By:jaswal
On:5/16/2025 2:34:16 PM
Inst Id :P4
LB :LB135794

Sample Name: PB167984BS Acquired: 5/15/2025 16:31:32 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v46) 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	.6509419	.1840745	.7502238	5.626835	F -.003603	.1975365
Stddev	.0005532	.0020871	.0030902	.019894	.002825	.0001604
%RSD	.0849784	1.133819	.4119096	.3535633	78.41615	.0812121
#1	.6503075	.1864219	.7466885	5.649530	-.006385	.1976631
#2	.6513233	.1824283	.7515721	5.618568	-.000736	.1973561
#3	.6511948	.1833735	.7524108	5.612407	-.003687	.1975903

Elem	Sr4077
Units	ppm
Avg	.1882333
Stddev	.0002037
%RSD	.1082052
#1	.1882853
#2	.1884060
#3	.1880087

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2862.785	63819.32	16758.39	2571.417	4206.700
Stddev	6.021	188.13	70.33	5.303	7.197
%RSD	.2103178	.2947783	.4196888	.2062459	.1710775
#1	2857.542	63714.50	16677.25	2565.359	4208.508
#2	2861.453	64036.50	16796.06	2575.221	4198.772
#3	2869.360	63706.95	16801.86	2573.671	4212.821

Reviewed By:jaswal
On:5/16/2025 2:34:16 PM
Inst Id :P4
LB :LB135794

Sample Name: PB168012BL Acquired: 5/15/2025 16:35:39 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v46) 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	.0019814	.0006977	-.000206	.0011282	.0007126	.0271252	-.000714
Stddev	.0016014	.0004453	.000749	.0028948	.0005346	.0021145	.000584
%RSD	80.81844	63.83055	363.8332	256.5840	75.02466	7.795316	81.85734
#1	.0001333	.0003348	.000659	.0044704	.0013297	.0274256	-.000156
#2	.0029573	.0011946	-.000643	-.000589	.0004186	.0248765	-.000664
#3	.0028537	.0005636	-.000633	-.000496	.0003895	.0290733	-.001321

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000951	.0000565	-.001902	-.000087	-.000079	.0001254	.0032769
Stddev	.0000309	.0000194	.004377	.000446	.000091	.0002377	.0010283
%RSD	32.52208	34.27080	230.1579	509.8838	115.2950	189.5303	31.37887
#1	.0000595	.0000440	-.006834	-.000177	-.000083	.0003413	.0020906
#2	.0001107	.0000789	-.000391	-.000482	.000014	-.000129	.0039123
#3	.0001152	.0000468	.001520	.000396	-.000168	.000164	.0038278

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004628	.0059908	-.000127	.0002802	-.187354	-.001359	.0011690
Stddev	.0002864	.0045400	.000397	.0004206	.000744	.000661	.0001922
%RSD	61.89350	75.78301	311.8146	150.1026	.3973366	48.62601	16.43743
#1	.0004555	.0009899	-.000376	.0004662	-.187713	-.001852	.0013399
#2	.0001800	.0071293	.000330	-.000201	-.186498	-.001618	.0009610
#3	.0007527	.0098532	-.000337	.000576	-.187850	-.000608	.0012061

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0198250	.0001052	.0005432	-.001992	.0002680	-.009595	-.001001
Stddev	.0022568	.0003670	.0004225	.000741	.0002914	.008892	.001781
%RSD	11.38340	348.7119	77.77282	37.21424	108.7285	92.66983	177.8715
#1	.0224294	.0005267	.0000612	-.001921	.0003164	-.005928	-.000625
#2	.0184484	-.000144	.0008494	-.001288	-.000045	-.003123	-.002940
#3	.0185970	-.000067	.0007190	-.002766	.000532	-.019734	.000562

Reviewed By:jaswal
On:5/16/2025 2:34:16 PM
Inst Id :P4
LB :LB135794

Sample Name: PB168012BL Acquired: 5/15/2025 16:35:39 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v46) 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	.0038939	-.001568	.0000644
Stddev	.0022537	.001246	.0000129
%RSD	57.87793	79.45148	20.01012
#1	.0019674	-.002116	.0000497
#2	.0063723	-.002446	.0000696
#3	.0033421	-.000142	.0000738

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2912.343	65033.31	17952.56	2611.467	4374.184
Stddev	27.644	192.13	49.54	13.310	37.349
%RSD	.9491926	.2954317	.2759409	.5096664	.8538455
#1	2880.812	65006.12	17940.07	2610.362	4331.223
#2	2923.806	64856.23	18007.15	2598.743	4392.395
#3	2932.412	65237.59	17910.47	2625.294	4398.935

Reviewed By:jaswal
On:5/16/2025 2:34:16 PM
Inst Id :P4
LB :LB135794

Sample Name: CCV04 Acquired: 5/15/2025 16:39:59 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v46) 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	4.930794	4.891082	4.958198	4.829977	4.825897	9.915030	9.520397
Stddev	.017177	.023985	.010177	.020003	.019610	.007057	.061349
%RSD	.3483703	.4903795	.2052646	.4141372	.4063404	.0711798	.6443983
#1	4.944890	4.906277	4.965602	4.849356	4.843040	9.908269	9.577734
#2	4.911662	4.863432	4.962400	4.809404	4.804515	9.922351	9.527760
#3	4.935832	4.903537	4.946592	4.831171	4.830135	9.914471	9.455699

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2511525	2.445670	24.54886	.9982362	2.477954	1.235222	4.677596
Stddev	.0014087	.002656	.14055	.0038545	.005053	.005039	.066902
%RSD	.5608791	.1085873	.5725261	.3861299	.2039079	.4079211	1.430266
#1	.2511956	2.447461	24.40349	.9943305	2.481710	1.239920	4.652199
#2	.2525392	2.446929	24.55907	.9983408	2.479943	1.229901	4.627112
#3	.2497229	2.442619	24.68403	1.002037	2.472209	1.235845	4.753478

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.417428	23.83991	2.442337	1.220503	23.44807	2.420032	2.435178
Stddev	.002472	.15753	.004205	.002950	.06789	.007324	.003074
%RSD	.1022502	.6607671	.1721554	.2416756	.2895527	.3026467	.1262210
#1	2.415092	23.66888	2.446249	1.222956	23.43245	2.416459	2.434143
#2	2.420016	23.87181	2.442871	1.217230	23.38935	2.415180	2.432756
#3	2.417176	23.97905	2.437891	1.221323	23.52241	2.428456	2.438636

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.31300	4.983767	4.963835	4.920189	4.823574	4.655814	5.002773
Stddev	.15231	.026398	.018706	.001417	.016748	.041788	.016926
%RSD	.6533422	.5296882	.3768437	.0288070	.3472187	.8975501	.3383234
#1	23.19392	4.989178	4.981575	4.919727	4.804246	4.633352	5.002752
#2	23.26045	5.007040	4.944293	4.919060	4.832665	4.630061	5.019709
#3	23.48463	4.955082	4.965637	4.921779	4.833811	4.704030	4.985858

Reviewed By:jaswal
On:5/16/2025 2:34:16 PM
Inst Id :P4
LB :LB135794

Sample Name: CCV04 Acquired: 5/15/2025 16:39:59 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v46) 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	4.872478	4.897282	4.945146
Stddev	.007375	.012183	.073332
%RSD	.1513527	.2487714	1.482915
#1	4.880907	4.898684	4.932471
#2	4.869315	4.908703	5.023990
#3	4.867213	4.884458	4.878978

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2812.105	64484.14	17225.29	2588.270	3923.417
Stddev	16.176	492.56	53.92	16.027	17.173
%RSD	.5752442	.7638493	.3130495	.6192120	.4377170
#1	2793.490	64731.16	17284.24	2595.734	3904.311
#2	2822.747	64804.32	17213.17	2599.204	3928.372
#3	2820.078	63916.95	17178.45	2569.872	3937.569

Reviewed By:jaswal
On:5/16/2025 2:34:16 PM
Inst Id :P4
LB :LB135794

Sample Name: CCB04 Acquired: 5/15/2025 16:44:11 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v46) 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	.0000656	.0027908	.0009518	.0023307	.0003241	.0067410	.0007707
Stddev	.0030174	.0006140	.0009042	.0018419	.0024165	.0023435	.0017594
%RSD	4596.113	21.99960	94.99455	79.02859	745.5732	34.76511	228.2800
#1	.0033516	.0022470	.0018118	.0044244	.0031044	.0077546	.0020732
#2	-.002581	.0026687	.0000091	.0009600	-.001271	.0084072	.0014698
#3	-.000574	.0034566	.0010347	.0016077	-.000861	.0040613	-.001231

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000649	.0001142	.0015493	.0003238	-.000102	.0018559	.0137866
Stddev	.0000337	.0001017	.0054889	.0002464	.000123	.0002491	.0017438
%RSD	51.95096	89.06351	354.2887	76.10209	120.5074	13.42185	12.64886
#1	.0000261	.0002309	.0076317	.0000437	-.000201	.0021127	.0141326
#2	.0000815	.0000450	-.003035	.0004207	.000035	.0016154	.0153315
#3	.0000870	.0000666	.000051	.0005070	-.000140	.0018395	.0118957

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003053	-.008816	.0002856	.0002443	-.199482	-.002205	.0032721
Stddev	.0002277	.011532	.0002332	.0000782	.003783	.000380	.0003132
%RSD	74.58952	130.8046	81.64054	31.99833	1.896398	17.21577	9.572532
#1	.0005604	.003543	.0003493	.0002222	-.195640	-.001928	.0031317
#2	.0001226	-.010704	.0004804	.0001795	-.199603	-.002048	.0036310
#3	.0002328	-.019288	.0000272	.0003311	-.203203	-.002638	.0030537

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.004519	.0075053	.0007976	-.001586	.0014207	.0017135	-.004032
Stddev	.004827	.0007290	.0003413	.000365	.0002533	.0040729	.001972
%RSD	106.8095	9.712660	42.79420	22.99788	17.82796	237.7009	48.91435
#1	-.002796	.0077633	.0010368	-.002007	.0013111	.0038316	-.006207
#2	-.000790	.0066825	.0004067	-.001361	.0012407	-.002982	-.003530
#3	-.009972	.0080702	.0009493	-.001391	.0017104	.004291	-.002359

Reviewed By:jaswal
On:5/16/2025 2:34:16 PM
Inst Id :P4
LB :LB135794

Sample Name: CCB04 Acquired: 5/15/2025 16:44:11 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v46) 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	.0022166	-.001611	.0003208
Stddev	.0030106	.001613	.0000677
%RSD	135.8213	100.1156	21.08828
#1	.0051791	-.000412	.0003986
#2	-.000840	-.000977	.0002762
#3	.002311	-.003445	.0002875

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2893.684	65405.20	18343.28	2637.389	4293.140
Stddev	7.709	126.86	58.02	7.919	8.707
%RSD	.2664122	.1939532	.3163151	.3002748	.2028144
#1	2893.057	65381.85	18281.76	2632.198	4289.996
#2	2901.688	65542.10	18351.07	2646.504	4302.983
#3	2886.309	65291.63	18397.02	2633.464	4286.442

Reviewed By:jaswal
On:5/16/2025 2:34:16 PM
Inst Id :P4
LB :LB135794

Sample Name: PB168012BS Acquired: 5/15/2025 16:48:31 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v46) 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	.7694878	1.910852	.9472858	1.912334	.7496506	1.861023
Stddev	.0016979	.012577	.0022443	.006346	.0046514	.006404
%RSD	.2206543	.6581844	.2369152	.3318452	.6204826	.3440977
#1	.7691963	1.896825	.9460892	1.905147	.7450228	1.853977
#2	.7713126	1.914608	.9458934	1.914695	.7496038	1.866489
#3	.7679545	1.921123	.9498748	1.917162	.7543254	1.862604

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1754835	.1950454	.1898471	.9403354	.3894584	.1877863
Stddev	.0019505	.0008293	.0006716	.0080101	.0003521	.0003996
%RSD	1.111531	.4251816	.3537516	.8518317	.0904187	.2128159
#1	.1732397	.1941689	.1895667	.9320675	.3896147	.1881141
#2	.1764363	.1951495	.1893612	.9480599	.3890551	.1873411
#3	.1767746	.1958177	.1906135	.9408787	.3897053	.1879036

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2938360	2.735007	.1869719	1.808018	.4668369	.0718776
Stddev	.0007778	.015227	.0013412	.014127	.0013073	.0001879
%RSD	.2647078	.5567270	.7173031	.7813323	.2800315	.2614860
#1	.2933134	2.734532	.1856567	1.808283	.4657991	.0720053
#2	.2934647	2.750465	.1883376	1.822011	.4664066	.0716617
#3	.2947299	2.720023	.1869214	1.793761	.4683051	.0719656

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.569436	.2761861	.1933731	8.778158	.2998216	.3850374
Stddev	.012063	.0031326	.0006718	.029805	.0021882	.0014620
%RSD	.4694675	1.134231	.3474365	.3395415	.7298281	.3796944
#1	2.576282	.2727547	.1935589	8.806888	.2976579	.3844114
#2	2.576518	.2769108	.1939325	8.780204	.2997733	.3839926
#3	2.555508	.2788928	.1926279	8.747382	.3020335	.3867081

Reviewed By:jaswal
On:5/16/2025 2:34:16 PM
Inst Id :P4
LB :LB135794

Sample Name: PB168012BS Acquired: 5/15/2025 16:48:31 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v46) 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	.6516122	.1821644	.7478670	5.725112	F -.005402	.1956732
Stddev	.0010955	.0004218	.0055396	.015447	.003606	.0009189
%RSD	.1681196	.2315478	.7407255	.2698143	66.74752	.4696076
#1	.6518731	.1816974	.7415799	5.708581	-.006742	.1949724
#2	.6504098	.1825177	.7499902	5.727578	-.001318	.1967136
#3	.6525537	.1822781	.7520310	5.739179	-.008145	.1953337

Elem	Sr4077
Units	ppm
Avg	.1895468
Stddev	.0006116
%RSD	.3226827
#1	.1891223
#2	.1902479
#3	.1892702

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2854.840	64129.61	17350.89	2589.385	4165.633
Stddev	1.612	126.98	38.18	13.066	3.922
%RSD	.0564586	.1980019	.2200311	.5046080	.0941438
#1	2852.980	63998.66	17373.36	2578.200	4161.813
#2	2855.736	64137.98	17372.50	2586.209	4165.437
#3	2855.806	64252.20	17306.81	2603.747	4169.649

Reviewed By:jaswal
On:5/16/2025 2:34:16 PM
Inst Id :P4
LB :LB135794

Sample Name: PB167963TB Acquired: 5/15/2025 16:52:37 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v46) 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	-.003562	-.001565	-.000248	.0015924	.0000459	.0025708	-.001084
Stddev	.002468	.001267	.001171	.0020850	.0014322	.0024192	.001260
%RSD	69.29644	80.99019	472.9988	130.9366	3119.574	94.10345	116.2727
#1	-.005668	-.000817	-.001535	.0027462	-.001428	.0052232	-.001069
#2	-.000846	-.003028	.000038	.0028453	.000133	.0020035	.000169
#3	-.004173	-.000849	.000754	-.000814	.001433	.0004857	-.002351

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000103	-.000001	.0000476	.0002370	-.000296	-.000169	.0017762
Stddev	.000038	.000062	.0046956	.0001389	.000199	.000330	.0029957
%RSD	36.58052	4674.035	9855.973	58.60319	67.35604	194.6660	168.6611
#1	-.000141	-.000072	-.005258	.0003615	-.000399	.000211	.0034951
#2	-.000102	.000045	.003669	.0000872	-.000423	-.000341	-.001683
#3	-.000066	.000023	.001732	.0002625	-.000066	-.000378	.003516

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0025089	-.010668	.0008190	.0003882	312.6106	-.001165	.0035965
Stddev	.0003633	.016544	.0001122	.0003414	3.4707	.000953	.0001769
%RSD	14.47929	155.0845	13.69576	87.94660	1.110221	81.80746	4.919213
#1	.0029008	-.029648	.0008640	.0007769	310.9015	-.001589	.0034084
#2	.0021835	.000705	.0009018	.0001374	316.6044	-.000074	.0036217
#3	.0024424	-.003061	.0006914	.0002501	310.3259	-.001833	.0037595

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0197654	.0026150	.0001409	-.000588	.0004802	-.006071	.0041603
Stddev	.0322002	.0003707	.0001253	.000385	.0006587	.001483	.0032712
%RSD	162.9119	14.17481	88.94037	65.41178	137.1802	24.42188	78.62726
#1	-.006846	.0026410	.0001535	-.000156	.0012384	-.004869	.0013885
#2	.010583	.0029721	.0000098	-.000893	.0001534	-.005616	.0033241
#3	.055559	.0022321	.0002595	-.000716	.0000487	-.007728	.0077684

Reviewed By:jaswal
On:5/16/2025 2:34:16 PM
Inst Id :P4
LB :LB135794

Sample Name: PB167963TB Acquired: 5/15/2025 16:52:37 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v46) 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	.0299440	-.003404	.0000671
Stddev	.0024738	.000160	.0000753
%RSD	8.261446	4.702769	112.1469
#1	.0313713	-.003392	.0001467
#2	.0270875	-.003570	.0000575
#3	.0313732	-.003250	-.000003

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2727.307	61832.51	18510.65	2484.906	3792.682
Stddev	13.900	64.99	39.42	15.252	15.472
%RSD	.5096628	.1051014	.2129458	.6137893	.4079427
#1	2740.275	61821.44	18465.70	2476.143	3809.265
#2	2729.012	61773.77	18526.96	2476.057	3790.147
#3	2712.632	61902.32	18539.30	2502.517	3778.634

Reviewed By:jaswal
On:5/16/2025 2:34:16 PM
Inst Id :P4
LB :LB135794

Sample Name: PB167963TBRE Acquired: 5/15/2025 16:57:04 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v46) 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	-.004444	-.002037	-.001615	.0046809	.0006791	.0075802	.0022126
Stddev	.002665	.001448	.001416	.0014774	.0004412	.0043135	.0005043
%RSD	59.97215	71.07209	87.67355	31.56202	64.96520	56.90555	22.79416
#1	-.001866	-.003217	-.000916	.0058078	.0003437	.0123969	.0019545
#2	-.004277	-.002472	-.000684	.0052265	.0005147	.0040737	.0018896
#3	-.007188	-.000422	-.003245	.0030083	.0011789	.0062699	.0027938

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000066	.0000027	.0369239	.0005235	-.000166	.0001411	.0073792
Stddev	.000054	.0000428	.0061691	.0001278	.000065	.0001265	.0036924
%RSD	81.31304	1563.685	16.70760	24.40993	39.25818	89.67850	50.03798
#1	-.000012	-.000016	.0405026	.0005385	-.000208	.0002872	.0037120
#2	-.000119	.000052	.0298004	.0006431	-.000200	.0000702	.0110963
#3	-.000066	-.000028	.0404685	.0003889	-.000091	.0000659	.0073294

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0039977	-.013852	.0012190	.0000838	293.1949	.0001537	.0066289
Stddev	.0001273	.007521	.0003055	.0002823	1.8019	.0010718	.0004425
%RSD	3.183083	54.29280	25.06288	336.8369	.6145648	697.2703	6.675626
#1	.0041446	-.022536	.0014148	.0000897	291.2194	-.000586	.0063240
#2	.0039279	-.009581	.0013753	-.000201	293.6172	.001383	.0064263
#3	.0039207	-.009440	.0008670	.000363	294.7481	-.000335	.0071364

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0290180	.0014895	.0000459	-.001270	.0007411	-.007711	.0034922
Stddev	.0197730	.0013253	.0003330	.000955	.0004419	.009465	.0045842
%RSD	68.14058	88.98040	726.2216	75.20007	59.62418	122.7488	131.2684
#1	.0145449	.0028816	.0000775	-.000469	.0004017	-.014215	.0011980
#2	.0515473	.0002429	-.000302	-.001015	.0005810	.003147	.0005081
#3	.0209618	.0013440	.000362	-.002327	.0012408	-.012064	.0087706

Reviewed By:jaswal
On:5/16/2025 2:34:16 PM
Inst Id :P4
LB :LB135794

Sample Name: PB167963TBRE Acquired: 5/15/2025 16:57:04 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v46) 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	.0401790	-.003847	.0000210
Stddev	.0001034	.001604	.0000165
%RSD	.2572856	41.69606	78.35049
#1	.0400823	-.004572	.0000267
#2	.0401666	-.002008	.0000339
#3	.0402880	-.004959	.0000025

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2725.272	60556.22	16992.20	2463.060	3779.120
Stddev	15.175	142.50	127.94	5.646	25.248
%RSD	.5568245	.2353159	.7529598	.2292384	.6680890
#1	2722.405	60718.33	16866.18	2467.983	3783.776
#2	2741.676	60499.57	16988.42	2464.299	3801.716
#3	2711.735	60450.76	17121.99	2456.897	3751.869

Reviewed By:jaswal
On:5/16/2025 2:34:16 PM
Inst Id :P4
LB :LB135794

Sample Name: Q2017-04 Acquired: 5/15/2025 17:01:32 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v46) 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	-.005024	-.002604	.0018007	.0055820	.0003599	.0807723	.3050673
Stddev	.004208	.002918	.0009892	.0035484	.0022774	.0046825	.0014969
%RSD	83.74879	112.0395	54.93716	63.56957	632.7576	5.797163	.4906622
#1	-.000488	.000689	.0026352	.0086342	-.002067	.0774200	.3044617
#2	-.005786	-.003634	.0020589	.0064231	.000696	.0787746	.3039681
#3	-.008799	-.004867	.0007079	.0016885	.002451	.0861224	.3067720

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001297	.0022801	13.92345	-.000359	.0002280	.0322525	.0061826
Stddev	.0000157	.0001034	.04630	.000371	.0001114	.0004048	.0024237
%RSD	12.07098	4.535729	.3325549	103.3786	48.86947	1.255062	39.20130
#1	.0001129	.0023890	13.92247	-.000764	.0002287	.0319249	.0038595
#2	.0001438	.0022681	13.87764	-.000279	.0001162	.0321274	.0059927
#3	.0001325	.0021832	13.97023	-.000034	.0003390	.0327050	.0086956

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3845029	1.191121	.0017567	-.000071	396.1823	.0012878	.0885630
Stddev	.0013617	.009789	.0002061	.000483	1.5837	.0012448	.0009037
%RSD	.3541484	.8218622	11.73138	683.7422	.3997410	96.65941	1.020415
#1	.3857329	1.198234	.0018091	.000080	395.4358	.0009821	.0884146
#2	.3830396	1.195172	.0015294	-.000611	398.0012	.0026569	.0895317
#3	.3847361	1.179956	.0019314	.000319	395.1097	.0002243	.0877427

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7438321	.0322245	.0003469	-.003238	-.000036	.6214401	.0277508
Stddev	.0325911	.0007945	.0003548	.000254	.000527	.0062984	.0038442
%RSD	4.381511	2.465502	102.2899	7.858438	1444.347	1.013518	13.85268
#1	.7402518	.0331054	.0006702	-.003411	-.000538	.6221749	.0316735
#2	.7131789	.0315622	-.000033	-.003356	.000512	.6148065	.0275887
#3	.7780655	.0320060	.000403	-.002946	-.000084	.6273389	.0239901

Reviewed By:jaswal
On:5/16/2025 2:34:16 PM
Inst Id :P4
LB :LB135794

Sample Name: Q2017-04 Acquired: 5/15/2025 17:01:32 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v46) 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	.2951482	-.004430	.0752339
Stddev	.0022076	.000633	.0000324
%RSD	.7479590	14.29420	.0430947
#1	.2926100	-.003888	.0752391
#2	.2966209	-.005126	.0751993
#3	.2962139	-.004277	.0752635

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2700.640	59384.42	16666.72	2443.326	3659.170
Stddev	7.660	195.70	70.70	1.050	7.756
%RSD	.2836239	.3295457	.4241863	.0429863	.2119526
#1	2704.220	59581.33	16734.77	2442.370	3663.400
#2	2705.854	59381.96	16671.75	2444.450	3663.891
#3	2691.846	59189.96	16593.64	2443.158	3650.219

Reviewed By:jaswal
On:5/16/2025 2:34:16 PM
Inst Id :P4
LB :LB135794

Sample Name: Q2017-08 Acquired: 5/15/2025 17:05:59 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v46) 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	-.002824	-.003003	.0001675	.0017629	.0029876	.0255720	.2956807
Stddev	.001406	.001924	.0015638	.0019393	.0012493	.0021851	.0006379
%RSD	49.79233	64.07515	933.8895	110.0089	41.81536	8.544852	.2157373
#1	-.001623	-.005108	.0014325	.0027665	.0027759	.0271661	.2950248
#2	-.004371	-.001336	.0006508	-.000473	.0018577	.0264687	.2957187
#3	-.002479	-.002564	-.001581	.002995	.0043293	.0230812	.2962989

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000127	.0000614	7.526394	-.000693	-.000316	.0115405	.0038933
Stddev	.0000781	.0000130	.025509	.000334	.000260	.0004184	.0010611
%RSD	613.0374	21.08705	.3389318	48.26399	82.33222	3.625859	27.25397
#1	.0000393	.0000599	7.536404	-.000551	-.000615	.0110577	.0031631
#2	.0000740	.0000751	7.545380	-.001075	-.000188	.0117652	.0051105
#3	-.000075	.0000493	7.497398	-.000453	-.000144	.0117986	.0034065

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0181928	1.123786	.0009966	.0002986	440.8753	-.000478	.0661438
Stddev	.0002960	.014863	.0003072	.0002248	1.7541	.001367	.0002272
%RSD	1.627058	1.322592	30.82795	75.27087	.3978663	286.1455	.3435162
#1	.0180591	1.128645	.0012365	.0002107	438.8641	.000360	.0661569
#2	.0185320	1.135612	.0006503	.0001311	441.6731	.000262	.0659104
#3	.0179872	1.107102	.0011028	.0005541	442.0887	-.002056	.0663642

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7241257	.0364475	-.000073	-.001427	-.000303	.3970278	.0921748
Stddev	.0433456	.0004265	.000238	.000554	.000483	.0007826	.0024450
%RSD	5.985918	1.170158	325.0919	38.84001	159.0450	.1971104	2.652580
#1	.7615002	.0365789	.000187	-.001019	.000246	.3978211	.0947907
#2	.6766079	.0359708	-.000278	-.001204	-.000497	.3962563	.0917864
#3	.7342690	.0367928	-.000128	-.002058	-.000659	.3970061	.0899472

Reviewed By:jaswal
On:5/16/2025 2:34:16 PM
Inst Id :P4
LB :LB135794

Sample Name: Q2017-08 Acquired: 5/15/2025 17:05:59 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v46) 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	.3753865	-.004326	.0477186
Stddev	.0022202	.000728	.0001775
%RSD	.5914409	16.82109	.3718877
#1	.3752078	-.004873	.0478410
#2	.3732611	-.004603	.0477996
#3	.3776907	-.003500	.0475151

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2700.433	59406.61	17460.78	2428.101	3724.104
Stddev	6.330	114.04	54.00	2.571	8.219
%RSD	.2344160	.1919692	.3092461	.1058944	.2207036
#1	2695.957	59525.88	17480.15	2430.532	3719.437
#2	2707.676	59395.30	17399.77	2428.362	3733.594
#3	2697.666	59298.64	17502.42	2425.410	3719.281

Reviewed By:jaswal
On:5/16/2025 2:34:16 PM
Inst Id :P4
LB :LB135794

Sample Name: Q2017-08DUP Acquired: 5/15/2025 17:10:25 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v46) 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	-.004929	-.002336	.0004031	.0028463	.0002046	.0217025	.2267801
Stddev	.003007	.000832	.0015316	.0019213	.0018934	.0021974	.0008296
%RSD	61.01739	35.61916	379.9403	67.49902	925.2451	10.12496	.3658357
#1	-.001820	-.003083	.0005451	.0006300	-.001785	.0192039	.2272132
#2	-.007823	-.001439	-.001195	.0040384	.000415	.0233339	.2258235
#3	-.005142	-.002487	.001859	.0038707	.001984	.0225698	.2273036

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000265	-.000053	5.773196	-.001082	-.000313	.0086885	.0023502
Stddev	.0000122	.000059	.012785	.000302	.000357	.0003942	.0021666
%RSD	45.97483	112.6483	.2214606	27.92074	114.2247	4.536445	92.18431
#1	.0000130	-.000038	5.774980	-.001429	-.000676	.0087661	.0028771
#2	.0000299	-.000118	5.759612	-.000877	-.000300	.0082614	.0042048
#3	.0000367	-.000002	5.784995	-.000941	.000038	.0090381	-.000031

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0135823	.8643367	.0006273	.0001332	326.8689	.0005109	.0512308
Stddev	.0002301	.0027040	.0002914	.0003584	2.2147	.0027969	.0006771
%RSD	1.694411	.3128444	46.44603	269.0012	.6775508	547.4805	1.321604
#1	.0133509	.8629593	.0003362	.0000839	326.9271	.0002388	.0508179
#2	.0135848	.8674521	.0006268	-.000198	324.6258	.0034339	.0508623
#3	.0138112	.8625988	.0009189	.000514	329.0540	-.002140	.0520122

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4913784	.0282668	.0004394	-.002794	.0002999	.2812200	.0717225
Stddev	.0157892	.0012567	.0003376	.001167	.0005895	.0066165	.0025270
%RSD	3.213247	4.445835	76.84054	41.76717	196.5857	2.352792	3.523233
#1	.4772539	.0292469	.0004503	-.003806	.0005518	.2765034	.0688094
#2	.5084242	.0287034	.0000964	-.001517	.0007214	.2783731	.0730346
#3	.4884570	.0268500	.0007714	-.003058	-.000374	.2887835	.0733236

Reviewed By:jaswal
On:5/16/2025 2:34:16 PM
Inst Id :P4
LB :LB135794

Sample Name: Q2017-08DUP Acquired: 5/15/2025 17:10:25 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v46) 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	.2866658	-.003984	.0366023
Stddev	.0025019	.000216	.0000151
%RSD	.8727621	5.428771	.0411772
#1	.2847668	-.003752	.0366057
#2	.2895007	-.004019	.0366154
#3	.2857298	-.004180	.0365859

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2718.796	59992.86	17156.16	2455.167	3770.803
Stddev	3.519	119.31	118.48	5.669	3.220
%RSD	.1294373	.1988703	.6905910	.2308979	.0853948
#1	2721.640	59933.12	17079.36	2460.176	3773.610
#2	2719.887	60130.24	17292.61	2449.013	3767.288
#3	2714.860	59915.23	17096.51	2456.313	3771.512

Reviewed By:jaswal
On:5/16/2025 2:34:16 PM
Inst Id :P4
LB :LB135794

Sample Name: Q2017-08LX5 Acquired: 5/15/2025 17:14:52 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v46) 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	.0010640	.0014111	-.000409	.0023884	.0000027	.0140869	.0588208
Stddev	.0038203	.0015762	.000155	.0027506	.0019841	.0007967	.0006544
%RSD	359.0452	111.7019	37.84586	115.1644	73803.04	5.655876	1.112546
#1	.0035597	-.000406	-.000240	.0054587	.0020330	.0136749	.0582940
#2	.0029663	.002415	-.000544	.0015576	-.001932	.0150053	.0586151
#3	-.003334	.002224	-.000442	.0001490	-.000093	.0135805	.0595533

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000325	-.000024	1.449731	-.000291	.0001427	.0025553	-.000743
Stddev	.0000425	.000065	.010470	.000312	.0000653	.0003214	.001155
%RSD	130.5829	271.4916	.7222057	107.2976	45.76972	12.57880	155.5245
#1	.0000351	-.000097	1.438784	-.000467	.0002179	.0022012	-.000634
#2	.0000737	.000024	1.459648	.000069	.0001001	.0026362	.000354
#3	-.000011	.000002	1.450762	-.000475	.0001102	.0028286	-.001949

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0034564	.2134587	.0000506	.0001802	78.80328	-.001048	.0128551
Stddev	.0002000	.0070192	.0001674	.0001647	.27455	.001198	.0003570
%RSD	5.787661	3.288305	330.9800	91.39683	.3483936	114.3936	2.777451
#1	.0035230	.2111573	-.000099	.0002399	78.59756	-.001634	.0124644
#2	.0036146	.2213396	.000020	.0003067	79.11503	-.001839	.0131644
#3	.0032315	.2078791	.000231	-.000006	78.69724	.000331	.0129365

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2721221	.0084052	.0002071	.0024941	-.000292	.0560072	.0138427
Stddev	.0253691	.0006767	.0001894	.0006033	.000855	.0102115	.0016739
%RSD	9.322703	8.051367	91.43396	24.18682	292.5253	18.23248	12.09260
#1	.2692134	.0077558	.0001118	.0031751	.000132	.0442962	.0135955
#2	.2483327	.0091063	.0004252	.0020266	.000268	.0630519	.0156265
#3	.2988202	.0083536	.0000844	.0022806	-.001276	.0606735	.0123061

Reviewed By:jaswal
On:5/16/2025 2:34:16 PM
Inst Id :P4
LB :LB135794

Sample Name: Q2017-08LX5 Acquired: 5/15/2025 17:14:52 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v46) 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	.0724696	.0010986	.0092744
Stddev	.0029308	.0005153	.0000557
%RSD	4.044136	46.90874	.6008837
#1	.0690931	.0005047	.0093140
#2	.0743555	.0013639	.0092107
#3	.0739601	.0014272	.0092986

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2800.371	61588.07	16657.20	2524.536	3956.774
Stddev	10.410	181.08	63.68	12.146	12.004
%RSD	.3717201	.2940116	.3822937	.4811336	.3033754
#1	2791.472	61796.77	16662.23	2531.116	3943.952
#2	2811.818	61472.73	16718.21	2531.974	3967.745
#3	2797.824	61494.70	16591.15	2510.520	3958.625

Reviewed By:jaswal
On:5/16/2025 2:34:16 PM
Inst Id :P4
LB :LB135794

Sample Name: Q2017-08MS Acquired: 5/15/2025 17:19:10 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v46) 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	.8869031	2.033620	1.067481	2.114785	.8584764	2.166745	.5312954
Stddev	.0030415	.003842	.002595	.004403	.0020471	.002023	.0022941
%RSD	.3429340	.1889324	.2430934	.2082070	.2384522	.0933756	.4317971
#1	.8834297	2.032413	1.065030	2.117403	.8606452	2.164450	.5289552
#2	.8881904	2.037921	1.067214	2.109702	.8565779	2.167510	.5335405
#3	.8890893	2.030527	1.070200	2.117251	.8582062	2.168274	.5313905

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2181154	.2240378	9.687079	.4498104	.2194996	.3240839	3.144786
Stddev	.0019612	.0004748	.036563	.0003055	.0005693	.0008188	.007077
%RSD	.8991527	.2119251	.3774385	.0679230	.2593638	.2526479	.2250541
#1	.2160954	.2239441	9.652236	.4501565	.2191422	.3231512	3.151591
#2	.2200119	.2236169	9.725148	.4496966	.2192005	.3246843	3.145302
#3	.2182387	.2245525	9.683854	.4495781	.2201561	.3244161	3.137464

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2337627	3.359951	.5408582	.0806147	471.8076	.3183879	.2916543
Stddev	.0008825	.021428	.0013612	.0008403	5.5787	.0007087	.0019609
%RSD	.3775162	.6377445	.2516744	1.042325	1.182414	.2225841	.6723244
#1	.2328299	3.335545	.5396412	.0808868	471.8374	.3176532	.2912182
#2	.2338740	3.368633	.5406053	.0812853	477.3713	.3190673	.2937965
#3	.2345843	3.375676	.5423281	.0796721	466.2140	.3184434	.2899483

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.96204	.3473656	.4626003	.7889434	.2169358	1.344297	7.077652
Stddev	.10499	.0028769	.0011984	.0047766	.0012105	.012923	.010798
%RSD	.8777313	.8282082	.2590550	.6054360	.5579874	.9613049	.1525641
#1	12.06616	.3448808	.4630839	.7864660	.2157078	1.353218	7.075322
#2	11.85620	.3505174	.4612357	.7859146	.2169718	1.329477	7.068210
#3	11.96377	.3466985	.4634813	.7944497	.2181279	1.350195	7.089425

Reviewed By:jaswal
On:5/16/2025 2:34:16 PM
Inst Id :P4
LB :LB135794

Sample Name: Q2017-08MS Acquired: 5/15/2025 17:19:10 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v46) 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	.4378228	.2250824	.2685824
Stddev	.0021435	.0004943	.0007237
%RSD	.4895906	.2196255	.2694618
#1	.4401875	.2245116	.2679343
#2	.4360072	.2253719	.2684494
#3	.4372738	.2253637	.2693633

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2667.287	59409.35	16190.53	2435.653	3629.822
Stddev	.616	96.51	109.58	3.601	4.511
%RSD	.0230905	.1624454	.6768285	.1478388	.1242734
#1	2666.642	59298.20	16305.34	2435.790	3633.932
#2	2667.869	59457.95	16087.05	2439.183	3630.538
#3	2667.352	59471.89	16179.19	2431.985	3624.996

Reviewed By:jaswal
On:5/16/2025 2:34:16 PM
Inst Id :P4
LB :LB135794

Sample Name: Q2017-08MSD Acquired: 5/15/2025 17:23:23 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v46) 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	.9149923	2.113799	1.105619	2.192290	.8815727	2.209181	.5058751
Stddev	.0010596	.012094	.002842	.010073	.0034307	.010472	.0008925
%RSD	.1157996	.5721306	.2570567	.4594702	.3891546	.4740039	.1764337
#1	.9146408	2.110048	1.107335	2.193180	.8807395	2.217052	.5051102
#2	.9141531	2.104026	1.102338	2.181801	.8786354	2.197296	.5056594
#3	.9161829	2.127324	1.107184	2.201888	.8853432	2.213194	.5068558

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2281697	.2311916	9.133728	.4615122	.2266961	.3343964	3.093723
Stddev	.0008266	.0006289	.012542	.0005868	.0003455	.0008317	.007450
%RSD	.3622612	.2720125	.1373107	.1271428	.1523837	.2487113	.2407978
#1	.2273735	.2310598	9.119323	.4609517	.2269164	.3341550	3.102315
#2	.2290236	.2306391	9.139641	.4614626	.2262980	.3337121	3.089075
#3	.2281120	.2318760	9.142220	.4621221	.2268739	.3353221	3.089777

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2382522	3.341131	.5758826	.0814008	424.4466	.3253612	.2888525
Stddev	.0003966	.036941	.0021265	.0002796	2.5859	.0019837	.0013014
%RSD	.1664789	1.105636	.3692506	.3435407	.6092478	.6097067	.4505409
#1	.2380370	3.317664	.5771858	.0815539	421.5110	.3249750	.2873519
#2	.2380096	3.383713	.5734287	.0810780	426.3874	.3235990	.2895335
#3	.2387099	3.322018	.5770332	.0815704	425.4413	.3275097	.2896720

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.59773	.3602853	.4725696	.8171709	.2205537	1.283964	7.427233
Stddev	.05482	.0003649	.0011315	.0033044	.0008127	.014537	.029645
%RSD	.4726983	.1012819	.2394434	.4043748	.3684593	1.132160	.3991348
#1	11.61108	.3598779	.4720280	.8207953	.2196175	1.267274	7.427128
#2	11.53747	.3605822	.4718105	.8143257	.2209660	1.290762	7.397641
#3	11.64465	.3603957	.4738701	.8163918	.2210775	1.293856	7.456930

Reviewed By:jaswal
On:5/16/2025 2:34:16 PM
Inst Id :P4
LB :LB135794

Sample Name: Q2017-08MSD Acquired: 5/15/2025 17:23:23 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v46) 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	.4154906	.2301172	.2688766
Stddev	.0044022	.0001325	.0002915
%RSD	1.059513	.0575913	.1084189
#1	.4182614	.2300724	.2685635
#2	.4104145	.2300129	.2689261
#3	.4177959	.2302663	.2691402

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2619.639	59914.91	15722.80	2444.492	3553.381
Stddev	13.167	168.64	8.78	5.465	16.110
%RSD	.5026206	.2814696	.0558489	.2235699	.4533604
#1	2604.682	59779.32	15715.19	2438.808	3534.839
#2	2629.479	60103.75	15732.41	2444.959	3563.946
#3	2624.757	59861.67	15720.80	2449.708	3561.357

Reviewed By:jaswal
On:5/16/2025 2:34:16 PM
Inst Id :P4
LB :LB135794

Sample Name: CCV05 Acquired: 5/15/2025 17:41:26 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v46) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV05 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.904555	4.949159	4.999793	4.792315	4.795646	9.950043	9.443998
Stddev	.015053	.046136	.017685	.008747	.010960	.025817	.048551
%RSD	.3069164	.9322087	.3537151	.1825229	.2285366	.2594660	.5140924
#1	4.893081	4.924516	4.981121	4.784849	4.784118	9.923632	9.466226
#2	4.898986	5.002384	5.001967	4.801939	4.796888	9.975221	9.477455
#3	4.921599	4.920576	5.016290	4.790158	4.805932	9.951276	9.388312

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2631668	2.467848	25.18232	1.023864	2.493413	1.230724	4.858199
Stddev	.0016992	.009543	.11248	.002655	.009113	.002642	.014895
%RSD	.6456866	.3866877	.4466464	.2593401	.3654709	.2147101	.3066006
#1	.2624362	2.458513	25.15478	1.022959	2.485003	1.228333	4.861475
#2	.2651091	2.467444	25.30601	1.026854	2.492141	1.230278	4.871185
#3	.2619550	2.477586	25.08618	1.021780	2.503095	1.233561	4.841939

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.449884	24.63982	2.460329	1.246785	23.63871	2.447183	2.504639
Stddev	.005668	.15873	.009770	.001330	.08416	.004550	.012708
%RSD	.2313463	.6442068	.3971206	.1067107	.3560340	.1859428	.5073986
#1	2.443496	24.53317	2.450781	1.247992	23.73471	2.448310	2.498696
#2	2.454312	24.82223	2.459900	1.247005	23.60376	2.451064	2.519230
#3	2.451843	24.56404	2.470308	1.245358	23.57765	2.442175	2.495992

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.54185	5.112047	4.969588	4.961313	4.857574	4.757261	5.065069
Stddev	.06639	.024036	.011150	.021805	.022694	.011108	.026532
%RSD	.2820171	.4701774	.2243647	.4395000	.4671944	.2334877	.5238302
#1	23.61815	5.096786	4.957045	4.937305	4.865017	4.749027	5.036724
#2	23.51021	5.139753	4.978377	4.966750	4.875613	4.752862	5.069172
#3	23.49720	5.099602	4.973340	4.979886	4.832093	4.769894	5.089310

Reviewed By:jaswal
On:5/16/2025 2:34:16 PM
Inst Id :P4
LB :LB135794

Sample Name: CCV05 Acquired: 5/15/2025 17:41:26 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v46) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV05 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.879978	4.819011	4.862188
Stddev	.018531	.014614	.034795
%RSD	.3797257	.3032613	.7156221
#1	4.881069	4.819153	4.887873
#2	4.860926	4.833553	4.876100
#3	4.897939	4.804326	4.822589

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2798.361	61187.87	16436.42	2513.028	3892.618
Stddev	6.327	393.28	102.94	17.131	13.533
%RSD	.2261010	.6427356	.6262954	.6817047	.3476640
#1	2805.052	60798.41	16381.48	2502.678	3906.319
#2	2797.556	61180.33	16372.61	2503.602	3892.276
#3	2792.475	61584.86	16555.18	2532.802	3879.259

Reviewed By:jaswal
On:5/16/2025 2:34:16 PM
Inst Id :P4
LB :LB135794

Sample Name: CCB05 Acquired: 5/15/2025 17:56:57 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v46) 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	.0005498	.0000765	-.001828	.0010971	.0011992	-.001728	.0039682
Stddev	.0038508	.0010109	.000785	.0031360	.0025176	.006471	.0010227
%RSD	700.3729	1322.307	42.92245	285.8538	209.9369	374.5463	25.77221
#1	-.003859	-.000798	-.002720	-.002494	.0040538	.005090	.0051232
#2	.002255	.001183	-.001523	.002487	.0002486	-.002489	.0036036
#3	.003253	-.000156	-.001242	.003298	-.000705	-.007785	.0031777

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000822	.0000065	.0038502	-.000507	.0000819	.0003449	-.003211
Stddev	.0000622	.0000624	.0031788	.000297	.0000973	.0001874	.005877
%RSD	75.61947	958.9640	82.56151	58.66240	118.7978	54.31789	183.0391
#1	.0000214	-.000035	.0007422	-.000167	-.000002	.0002807	-.002407
#2	.0000795	-.000024	.0037130	-.000718	.000059	.0005560	-.009448
#3	.0001457	.000078	.0070954	-.000637	.000189	.0001981	.002223

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003741	-.019717	-.000011	.0003533	.0323283	-.001206	.0000977
Stddev	.0001903	.008039	.000160	.0002560	.0098380	.000984	.0003048
%RSD	50.86501	40.77187	1461.774	72.46345	30.43162	81.56376	311.8460
#1	.0005903	-.025352	.000122	.0006215	.0434418	-.000197	-.000237
#2	.0003003	-.010511	.000034	.0003268	.0247334	-.001260	.000359
#3	.0002318	-.023289	-.000189	.0001116	.0288097	-.002162	.000171

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0616402	.0042605	.0003022	.0004944	.0001615	-.005838	-.004421
Stddev	.0455452	.0007248	.0003250	.0010836	.0010441	.009465	.001846
%RSD	73.88887	17.01138	107.5578	219.1707	646.5730	162.1430	41.76084
#1	.1096326	.0049835	.0001453	.0015653	.0000794	.004713	-.002351
#2	.0190183	.0042638	.0006759	.0005195	.0012442	-.008644	-.005898
#3	.0562697	.0035340	.0000854	-.000602	-.000839	-.013582	-.005013

Reviewed By:jaswal
On:5/16/2025 2:34:16 PM
Inst Id :P4
LB :LB135794

Sample Name: CCB05 Acquired: 5/15/2025 17:56:57 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v46) 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	.0001938	-.000180	-.000007
Stddev	.0025720	.001093	.000024
%RSD	1327.028	607.7318	353.7358
#1	-.000201	-.001236	-.000033
#2	.002940	-.000250	.000014
#3	-.002158	.000947	-.000002

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2848.102	62084.21	16528.85	2537.604	4219.887
Stddev	19.286	247.30	26.46	21.791	21.256
%RSD	.6771644	.3983340	.1600670	.8587226	.5037163
#1	2825.857	61982.07	16557.43	2532.208	4195.718
#2	2860.128	62366.22	16523.90	2561.586	4228.273
#3	2858.322	61904.34	16505.22	2519.018	4235.672

Reviewed By:jaswal
On:5/16/2025 2:34:16 PM
Inst Id :P4
LB :LB135794

Sample Name: Q2017-08A Acquired: 5/15/2025 18:01:16 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v46) 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	.8971834	2.060701	1.083069	2.144221	.8670311	2.193872	.5290441
Stddev	.0068308	.012137	.003472	.007850	.0002604	.004373	.0003504
%RSD	.7613637	.5889664	.3205923	.3661096	.0300375	.1993349	.0662246
#1	.8924274	2.066094	1.085990	2.142054	.8667554	2.188902	.5293669
#2	.8941120	2.046803	1.079230	2.137683	.8672730	2.195586	.5286715
#3	.9050108	2.069207	1.083987	2.152928	.8670649	2.197130	.5290939

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2190991	.2266754	9.504519	.4599743	.2227714	.3293925	3.282685
Stddev	.0008119	.0006894	.027114	.0028452	.0009237	.0013752	.044648
%RSD	.3705392	.3041467	.2852697	.6185581	.4146311	.4174898	1.360093
#1	.2191989	.2266057	9.487474	.4574388	.2233991	.3298681	3.237076
#2	.2182419	.2260235	9.490297	.4630514	.2217108	.3278426	3.326305
#3	.2198564	.2273970	9.535784	.4594328	.2232045	.3304667	3.284676

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2369568	3.374510	.5554223	.0829780	467.8895	.3235695	.3029801
Stddev	.0013216	.017742	.0020174	.0007538	6.1808	.0037509	.0010699
%RSD	.5577366	.5257670	.3632253	.9084606	1.320991	1.159225	.3531161
#1	.2374850	3.373412	.5552934	.0821232	461.6711	.3202631	.3017465
#2	.2354528	3.392776	.5534723	.0835477	474.0319	.3276455	.3036545
#3	.2379326	3.357343	.5575010	.0832631	467.9654	.3227999	.3035393

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.36507	.3500019	.4675354	.7994084	.2210947	1.381588	7.279261
Stddev	.19598	.0006100	.0019278	.0036624	.0012304	.018913	.016655
%RSD	1.584930	.1742895	.4123388	.4581384	.5565235	1.368919	.2288045
#1	12.16494	.3500617	.4683916	.8007802	.2198950	1.382914	7.280636
#2	12.55661	.3493642	.4653278	.7952581	.2223537	1.399803	7.261960
#3	12.37368	.3505798	.4688868	.8021868	.2210355	1.362047	7.295186

Reviewed By:jaswal
On:5/16/2025 2:34:16 PM
Inst Id :P4
LB :LB135794

Sample Name: Q2017-08A Acquired: 5/15/2025 18:01:16 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v46) 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	.4289941	.2260670	.2701786
Stddev	.0086337	.0013513	.0003785
%RSD	2.012535	.5977531	.1401023
#1	.4376523	.2259874	.2698799
#2	.4203852	.2247572	.2700515
#3	.4289447	.2274564	.2706043

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2634.529	58227.63	16320.21	2401.470	3584.252
Stddev	12.876	341.34	72.48	2.396	12.579
%RSD	.4887329	.5862189	.4441345	.0997826	.3509540
#1	2620.795	58533.08	16251.59	2403.111	3570.418
#2	2636.466	57859.18	16396.03	2398.720	3587.336
#3	2646.327	58290.64	16313.01	2402.580	3595.002

Reviewed By:jaswal
On:5/16/2025 2:34:16 PM
Inst Id :P4
LB :LB135794

Sample Name: Q2006-02 Acquired: 5/15/2025 18:05:28 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v46) 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	-.004065	-.003145	.0035462	.0056580	.0037347	.0905930	.0207226
Stddev	.003110	.003073	.0004276	.0040521	.0010862	.0028514	.0002327
%RSD	76.49523	97.70535	12.05866	71.61729	29.08340	3.147465	1.123118
#1	-.004286	.000304	.0040262	.0073677	.0024959	.0897997	.0209639
#2	-.007058	-.005592	.0032060	.0085749	.0045239	.0937570	.0204995
#3	-.000851	-.004148	.0034063	.0010312	.0041843	.0882222	.0207045

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000714	.0002798	29.01400	.0008722	.0002867	.1802390	.7934721
Stddev	.0000347	.0000330	.10184	.0004729	.0001158	.0003051	.0061418
%RSD	48.66137	11.78350	.3510114	54.21889	40.39381	.1692551	.7740365
#1	.0000742	.0002872	28.99059	.0013872	.0001760	.1802191	.7889856
#2	.0000354	.0002437	28.92591	.0004574	.0004070	.1799443	.8004719
#3	.0001047	.0003084	29.12551	.0007721	.0002770	.1805535	.7909589

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0573560	6.312466	.0034038	.0001687	1093.496	.0003272	.4624830
Stddev	.0006007	.038259	.0003128	.0004511	1.255	.0018446	.0020026
%RSD	1.047338	.6060900	9.188600	267.4598	.1147877	563.7512	.4330191
#1	.0566937	6.295968	.0037556	.0006397	1093.109	.0007768	.4611363
#2	.0578656	6.285224	.0031571	-.000260	1094.899	.0019054	.4647843
#3	.0575088	6.356206	.0032988	.000126	1092.480	-.001701	.4615283

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.579703	.0271080	.0016412	-.000967	.0021897	3.509574	5.491225
Stddev	.029988	.0003097	.0001223	.001525	.0006342	.021132	.022063
%RSD	.8377198	1.142360	7.452331	157.7093	28.96342	.6021350	.4017804
#1	3.604119	.0267536	.0015093	.000582	.0015083	3.489896	5.466222
#2	3.588759	.0272442	.0016634	-.001016	.0022981	3.506918	5.507956
#3	3.546231	.0273262	.0017508	-.002468	.0027628	3.531909	5.499498

Reviewed By:jaswal
On:5/16/2025 2:34:16 PM
Inst Id :P4
LB :LB135794

Sample Name: Q2006-02 Acquired: 5/15/2025 18:05:28 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v46) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	14.00291	-.001035	.1502941
Stddev	.04260	.000492	.0001566
%RSD	.3042373	47.59624	.1041986
#1	13.97317	-.000834	.1502250
#2	13.98385	-.000674	.1504733
#3	14.05172	-.001596	.1501839

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2593.858	57252.66	16966.55	2378.265	3430.766
Stddev	9.709	154.92	109.36	2.761	11.333
%RSD	.3743038	.2705940	.6445863	.1161022	.3303474
#1	2583.961	57333.72	16886.58	2380.001	3417.790
#2	2603.368	57350.24	17091.18	2375.081	3438.726
#3	2594.244	57074.02	16921.90	2379.713	3435.783

Reviewed By:jaswal
On:5/16/2025 2:34:16 PM
Inst Id :P4
LB :LB135794

Sample Name: Q2006-02DUP Acquired: 5/15/2025 18:09:51 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v46) 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	-.004824	-.003318	.0036076	.0053656	.0018113	.0889695	.0201487
Stddev	.001705	.002482	.0013362	.0027339	.0021245	.0044062	.0000341
%RSD	35.34145	74.78449	37.03974	50.95266	117.2914	4.952514	.1690078
#1	-.006326	-.003844	.0051482	.0051509	.0012734	.0844789	.0201649
#2	-.002971	-.005495	.0029108	.0027454	.0000074	.0891433	.0201716
#3	-.005174	-.000616	.0027637	.0082006	.0041530	.0932863	.0201095

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000618	-.000001	31.15694	.0006498	.0000086	.1893444	.8229601
Stddev	.0000639	.000051	.09149	.0002784	.0002682	.0015636	.0113300
%RSD	103.4168	4421.462	.2936571	42.84581	3112.170	.8257992	1.376738
#1	.0001003	-.000043	31.25326	.0009350	-.000164	.1909148	.8359740
#2	.0000972	-.000017	31.14636	.0003788	-.000128	.1877877	.8176140
#3	-.000012	.000056	31.07119	.0006355	.000318	.1893306	.8152923

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0710209	6.980224	.0020939	-.000216	1125.463	-.000513	.3208531
Stddev	.0003938	.030538	.0005291	.000083	11.000	.001123	.0025021
%RSD	.5544853	.4374925	25.26948	38.24299	.9773544	218.9566	.7798432
#1	.0706604	6.972843	.0016460	-.000194	1129.530	-.000598	.3219506
#2	.0709612	6.954054	.0019579	-.000307	1133.850	-.001591	.3179898
#3	.0714412	7.013777	.0026777	-.000146	1113.008	.000650	.3226190

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.716864	.0286101	.0010680	-.002950	.0017651	3.688144	5.817064
Stddev	.016319	.0005488	.0002136	.000748	.0002623	.023522	.043917
%RSD	.4390570	1.918071	20.00101	25.35957	14.85864	.6377824	.7549679
#1	3.703839	.0282854	.0010437	-.003634	.0018116	3.685603	5.855965
#2	3.711584	.0292437	.0008676	-.003063	.0020009	3.712834	5.769440
#3	3.735170	.0283012	.0012928	-.002151	.0014826	3.665995	5.825788

Reviewed By:jaswal
On:5/16/2025 2:34:16 PM
Inst Id :P4
LB :LB135794

Sample Name: Q2006-02DUP Acquired: 5/15/2025 18:09:51 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v46) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	14.74912	-.002429	.1639090
Stddev	.13453	.001083	.0004072
%RSD	.9121288	44.56617	.2484405
#1	14.84148	-.001919	.1640523
#2	14.59477	-.001696	.1634495
#3	14.81110	-.003673	.1642253

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2596.712	55687.61	15692.27	2325.095	3429.291
Stddev	20.342	77.49	50.89	4.796	29.031
%RSD	.7833850	.1391560	.3243078	.2062723	.8465642
#1	2579.498	55663.34	15723.92	2319.558	3401.301
#2	2619.160	55625.15	15719.34	2327.819	3459.262
#3	2591.477	55774.33	15633.57	2327.909	3427.310

Reviewed By:jaswal
On:5/16/2025 2:34:16 PM
Inst Id :P4
LB :LB135794

Sample Name: Q2006-02LX5 Acquired: 5/15/2025 18:14:14 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v46) 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	.0021263	-.001176	.0002298	-.000203	.0020659	.0206757	.0075743
Stddev	.0005915	.001146	.0001305	.002119	.0006223	.0060598	.0016356
%RSD	27.81593	97.44169	56.79556	1043.305	30.12319	29.30877	21.59375
#1	.0016593	-.002217	.0003542	-.002288	.0013480	.0231826	.0060596
#2	.0019283	-.001364	.0002414	-.000270	.0023966	.0137648	.0073547
#3	.0027914	.000052	.0000939	.001948	.0024530	.0250799	.0093086

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000740	-.000049	5.746633	-.000045	.0002020	.0349171	.1385706
Stddev	.0000292	.000063	.044410	.000184	.0001273	.0004834	.0090646
%RSD	39.48697	129.1649	.7728042	407.5890	63.01660	1.384519	6.541510
#1	.0000972	-.000009	5.746475	-.000004	.0003372	.0344355	.1403458
#2	.0000836	-.000121	5.702302	.000115	.0001844	.0354023	.1466163
#3	.0000412	-.000016	5.791122	-.000247	.0000845	.0349134	.1287497

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0112084	1.245881	.0004234	.0001791	192.0163	-.001129	.1137427
Stddev	.0000923	.023703	.0003802	.0005191	2.3905	.001495	.0013112
%RSD	.8232804	1.902470	89.80303	289.7743	1.244964	132.3879	1.152822
#1	.0112944	1.255185	-.000016	-.000054	190.5013	.000142	.1132838
#2	.0111109	1.218938	.000650	.000774	194.7721	-.000753	.1152217
#3	.0112198	1.263520	.000635	-.000182	190.7756	-.002776	.1127226

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7231820	.0056408	.0002842	.0027692	.0007289	.6014577	.9655660
Stddev	.0354891	.0004242	.0002283	.0009961	.0012906	.0076822	.0009096
%RSD	4.907360	7.519442	80.34782	35.97295	177.0521	1.277273	.0942049
#1	.7466276	.0061265	.0001305	.0016205	.0013338	.6075174	.9660974
#2	.7405661	.0054522	.0001755	.0033961	-.000753	.5928174	.9645157
#3	.6823524	.0053436	.0005466	.0032909	.001606	.6040383	.9660850

Reviewed By:jaswal
On:5/16/2025 2:34:16 PM
Inst Id :P4
LB :LB135794

Sample Name: Q2006-02LX5 Acquired: 5/15/2025 18:14:14 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v46) 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	2.444341	.0030864	.0288043
Stddev	.008287	.0015619	.0002899
%RSD	.3390132	50.60495	1.006606
#1	2.446363	.0019971	.0289499
#2	2.451430	.0048759	.0284704
#3	2.435231	.0023864	.0289926

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2821.208	63131.25	16978.61	2608.606	3902.862
Stddev	3.945	517.83	153.82	13.001	3.160
%RSD	.1398217	.8202472	.9059893	.4983786	.0809742
#1	2818.018	63362.15	17014.21	2610.060	3900.030
#2	2819.988	62538.13	17111.51	2594.939	3902.285
#3	2825.619	63493.45	16810.11	2620.818	3906.271

Reviewed By:jaswal
On:5/16/2025 2:34:16 PM
Inst Id :P4
LB :LB135794

Sample Name: Q2006-02MS Acquired: 5/15/2025 18:18:41 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v46) 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	.9388993	2.061232	1.126157	2.194356	.8949522	2.341295	.2290308
Stddev	.0068112	.014375	.000938	.010044	.0022284	.010142	.0013166
%RSD	.7254477	.6973893	.0832707	.4577079	.2489911	.4331976	.5748589
#1	.9382165	2.046985	1.125896	2.193583	.8974781	2.336709	.2285391
#2	.9324552	2.075731	1.125377	2.184721	.8932643	2.334255	.2280308
#3	.9460263	2.060979	1.127197	2.204764	.8941143	2.352920	.2305225

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2283245	.2367336	32.96709	.4796319	.2310834	.5078194	4.673318
Stddev	.0006821	.0004980	.03594	.0031535	.0004502	.0015702	.022879
%RSD	.2987364	.2103692	.1090148	.6574823	.1948379	.3092050	.4895652
#1	.2275463	.2362587	32.92629	.4760238	.2305667	.5078372	4.651291
#2	.2288186	.2366903	32.98094	.4818611	.2313917	.5062403	4.671699
#3	.2286087	.2372519	32.99404	.4810108	.2312919	.5093806	4.696963

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2881631	9.115471	.5676269	.0419350	1166.230	.3361382	.7125426
Stddev	.0004530	.021686	.0009584	.0005801	1.815	.0002086	.0018848
%RSD	.1571912	.2379044	.1688497	1.383226	.1555963	.0620428	.2645157
#1	.2876447	9.090611	.5669312	.0425524	1164.475	.3363790	.7132217
#2	.2884822	9.125298	.5672293	.0414014	1168.099	.3360157	.7104124
#3	.2883626	9.130504	.5687201	.0418511	1166.117	.3360199	.7139937

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.99107	.3360995	.4649170	.8212648	.2282145	4.867750	13.65120
Stddev	.02473	.0009535	.0003680	.0013960	.0011625	.009364	.02956
%RSD	.1455496	.2836960	.0791602	.1699799	.5093891	.1923662	.2165737
#1	17.01408	.3365118	.4653024	.8226333	.2293129	4.857765	13.61832
#2	16.96492	.3367775	.4645693	.8198429	.2269970	4.869149	13.65966
#3	16.99420	.3350093	.4648792	.8213183	.2283335	4.876335	13.67561

Reviewed By:jaswal
On:5/16/2025 2:34:16 PM
Inst Id :P4
LB :LB135794

Sample Name: Q2006-02MS Acquired: 5/15/2025 18:18:41 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v46) 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	15.02107	.2423409	.3877134
Stddev	.04471	.0004660	.0003173
%RSD	.2976710	.1922917	.0818410
#1	14.96958	.2424832	.3875329
#2	15.04355	.2427191	.3875276
#3	15.05009	.2418203	.3880798

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2589.199	55604.37	16226.71	2329.524	3391.332
Stddev	5.442	67.16	17.99	4.496	3.125
%RSD	.2101922	.1207908	.1108838	.1930192	.0921477
#1	2583.040	55681.06	16239.15	2324.335	3388.670
#2	2593.361	55555.97	16206.08	2332.266	3394.773
#3	2591.194	55576.09	16234.89	2331.972	3390.553

Reviewed By:jaswal
On:5/16/2025 2:34:16 PM
Inst Id :P4
LB :LB135794

Sample Name: Q2006-02MSD Acquired: 5/15/2025 18:22:51 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v46) 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	.8895435	1.953385	1.057064	2.065055	.8438553	2.201399	.2080684
Stddev	.0032835	.016783	.004263	.000570	.0020463	.005172	.0015590
%RSD	.3691173	.8591555	.4033257	.0276006	.2424995	.2349638	.7492757
#1	.8868179	1.971216	1.056426	2.065625	.8422404	2.207352	.2090608
#2	.8931887	1.951044	1.053155	2.064485	.8431689	2.198839	.2088730
#3	.8886238	1.937896	1.061610	2.065055	.8461566	2.198006	.2062715

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2208998	.2223011	31.47293	.4440972	.2174613	.4853195	4.018296
Stddev	.0006182	.0008495	.18281	.0024288	.0005538	.0008681	.027033
%RSD	.2798369	.3821284	.5808580	.5468973	.2546628	.1788727	.6727572
#1	.2213545	.2228576	31.47594	.4436200	.2177001	.4843660	4.006746
#2	.2211490	.2213233	31.65422	.4467291	.2168281	.4855281	4.049185
#3	.2201960	.2227224	31.28863	.4419425	.2178556	.4860642	3.998956

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2678950	8.794594	.5343448	.0513756	1099.065	.3108338	.5497376
Stddev	.0022992	.056867	.0022866	.0005975	7.473	.0016533	.0019631
%RSD	.8582608	.6466098	.4279166	1.163108	.6799092	.5318838	.3570877
#1	.2663154	8.747575	.5333877	.0517949	1107.466	.3104885	.5475742
#2	.2705328	8.857800	.5326922	.0516406	1093.160	.3126325	.5514053
#3	.2668367	8.778408	.5369543	.0506914	1096.568	.3093805	.5502331

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.31380	.3277878	.4424646	.7692676	.2095547	4.542449	13.02918
Stddev	.09952	.0020116	.0003997	.0005139	.0013754	.041235	.00983
%RSD	.6498813	.6136911	.0903256	.0667989	.6563290	.9077646	.0754317
#1	15.28291	.3300370	.4422394	.7687878	.2081444	4.512565	13.01784
#2	15.42510	.3271654	.4422283	.7698098	.2108923	4.589493	13.03540
#3	15.23339	.3261609	.4429261	.7692051	.2096275	4.525289	13.03428

Reviewed By:jaswal
On:5/16/2025 2:34:16 PM
Inst Id :P4
LB :LB135794

Sample Name: Q2006-02MSD Acquired: 5/15/2025 18:22:51 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v46) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	14.70770	.2257800	.3708150
Stddev	.04492	.0018186	.0015022
%RSD	.3054179	.8054738	.4051095
#1	14.70089	.2264013	.3704930
#2	14.66657	.2272066	.3724522
#3	14.75564	.2237322	.3695000

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2596.664	56522.75	15816.05	2368.166	3409.404
Stddev	6.823	262.89	32.15	6.642	8.153
%RSD	.2627773	.4651050	.2032790	.2804606	.2391431
#1	2604.355	56691.25	15825.78	2372.467	3417.909
#2	2594.302	56219.83	15780.16	2360.517	3408.646
#3	2591.336	56657.17	15842.21	2371.515	3401.655

Reviewed By:jaswal
On:5/16/2025 2:34:16 PM
Inst Id :P4
LB :LB135794

Sample Name: Q2006-02A Acquired: 5/15/2025 18:27:01 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v46) 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	.7996861	1.775687	.9656615	1.859399	.7636593	1.972799	.1892985
Stddev	.0041756	.005645	.0056477	.001574	.0029201	.014657	.0021808
%RSD	.5221501	.3179303	.5848546	.0846747	.3823858	.7429325	1.152038
#1	.7958243	1.778370	.9721657	1.860114	.7602961	1.981792	.1910856
#2	.8041170	1.779490	.9619995	1.860489	.7651327	1.980718	.1899414
#3	.7991169	1.769200	.9628192	1.857594	.7655492	1.955886	.1868686

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2020552	.2029357	29.97114	.3997063	.1973202	.4470900	3.564744
Stddev	.0005596	.0012798	.18030	.0012626	.0002995	.0006371	.031074
%RSD	.2769441	.6306309	.6015878	.3158795	.1517685	.1424980	.8717130
#1	.2026771	.2044023	30.05935	.3997751	.1975833	.4467309	3.573261
#2	.2015922	.2020451	30.09035	.3984107	.1969943	.4478256	3.590672
#3	.2018965	.2023598	29.76371	.4009331	.1973830	.4467135	3.530299

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2484775	8.318615	.4869155	.0530497	1049.746	.2805720	.5167748
Stddev	.0016123	.062574	.0021747	.0007942	1.907	.0047236	.0033050
%RSD	.6488601	.7522136	.4466242	1.497046	.1816223	1.683542	.6395508
#1	.2486817	8.364225	.4889489	.0528416	1051.660	.2848874	.5129635
#2	.2499779	8.344341	.4846228	.0539272	1049.732	.2813031	.5185099
#3	.2467728	8.247279	.4871749	.0523803	1047.847	.2755256	.5188509

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.97466	.3025679	.3999320	.7133238	.1900353	4.286607	12.06381
Stddev	.10522	.0001317	.0004775	.0034157	.0011549	.024611	.02376
%RSD	.7529444	.0435139	.1193961	.4788377	.6077239	.5741309	.1969564
#1	14.05751	.3027196	.4001344	.7171861	.1902332	4.265445	12.08834
#2	14.01019	.3024827	.3993867	.7107009	.1910784	4.313614	12.06218
#3	13.85627	.3025014	.4002750	.7120844	.1887942	4.280764	12.04090

Reviewed By:jaswal
On:5/16/2025 2:34:16 PM
Inst Id :P4
LB :LB135794

Sample Name: Q2006-02A Acquired: 5/15/2025 18:27:01 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v46) 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	13.96521	.2021436	.3414366
Stddev	.02086	.0009149	.0025565
%RSD	.1493573	.4526218	.7487462
#1	13.98066	.2023119	.3423650
#2	13.94149	.2029626	.3433993
#3	13.97350	.2011561	.3385457

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2709.742	57431.17	16130.24	2414.700	3546.343
Stddev	30.275	54.72	68.05	7.486	28.185
%RSD	1.117249	.0952712	.4218925	.3100328	.7947669
#1	2743.817	57376.50	16058.76	2420.339	3575.342
#2	2699.466	57431.07	16137.72	2406.207	3544.640
#3	2685.943	57485.93	16194.25	2417.556	3519.049

Reviewed By:jaswal
On:5/16/2025 2:34:16 PM
Inst Id :P4
LB :LB135794

Sample Name: Q2026-01 Acquired: 5/15/2025 18:31:12 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v46) 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	.0079377	-.002955	.2570643	-.002642	.0078989	16.93147
Stddev	.0023889	.002271	.0019248	.003452	.0012389	.10538
%RSD	30.09628	76.84843	.7487664	130.6496	15.68488	.6224001
#1	.0098191	-.003386	.2562076	-.001686	.0079931	16.86709
#2	.0087440	-.000500	.2557166	-.006471	.0066155	17.05308
#3	.0052499	-.004981	.2592687	.000231	.0090880	16.87424

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3397482	.0013373	.0008197	161.9059	.0590563	.0164409
Stddev	.0030289	.0000382	.0002121	.9785	.0005929	.0005537
%RSD	.8915206	2.857732	25.87571	.6043873	1.003913	3.368032
#1	.3370386	.0013396	.0009812	160.9163	.0587689	.0159182
#2	.3430182	.0012979	.0005795	162.8729	.0597381	.0163833
#3	.3391879	.0013743	.0008983	161.9286	.0586620	.0170212

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2309818	42.17613	.7956658	29.94275	.0439758	.0023442
Stddev	.0018465	.47857	.0039598	.19765	.0002115	.0003073
%RSD	.7994264	1.134685	.4976729	.6601074	.4810241	13.10799
#1	.2308920	41.77296	.7916971	29.71955	.0439191	.0025080
#2	.2291818	42.70500	.7996166	30.09561	.0437985	.0019898
#3	.2328716	42.05044	.7956837	30.01310	.0442099	.0025349

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	42.22369	.0439534	1.888332	17.30846	.0905371	.0300413
Stddev	.52928	.0009157	.011898	.25762	.0000386	.0003887
%RSD	1.253521	2.083403	.6300922	1.488382	.0426326	1.293754
#1	41.88959	.0429051	1.882876	17.12832	.0905253	.0297321
#2	42.83394	.0445973	1.901979	17.60354	.0905803	.0304776
#3	41.94755	.0443577	1.880139	17.19353	.0905058	.0299143

Reviewed By:jaswal
On:5/16/2025 2:34:16 PM
Inst Id :P4
LB :LB135794

Sample Name: Q2026-01 Acquired: 5/15/2025 18:31:12 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v46) 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	-.002055	.7268409	F 29.83430	6.632152	9.072090	.0171164
Stddev	.001226	.0065372	.37020	.037879	.045001	.0007113
%RSD	59.67722	.8993982	1.240842	.5711492	.4960365	4.155675
#1	-.000838	.7194190	29.55374	6.620998	9.063383	.0169035
#2	-.002036	.7317443	30.25388	6.601102	9.032079	.0179099
#3	-.003290	.7293594	29.69529	6.674357	9.120808	.0165359

Elem	Sr4077
Units	ppm
Avg	.4054772
Stddev	.0023167
%RSD	.5713543
#1	.4036170
#2	.4080722
#3	.4047424

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2841.598	64715.35	17181.41	2624.520	3911.188
Stddev	5.981	537.35	55.15	12.912	14.377
%RSD	.2104876	.8303290	.3210104	.4919740	.3675758
#1	2845.087	64974.41	17197.60	2634.183	3919.686
#2	2845.016	64097.55	17119.97	2609.855	3919.288
#3	2834.692	65074.11	17226.65	2629.521	3894.589

Reviewed By:jaswal
On:5/16/2025 2:34:16 PM
Inst Id :P4
LB :LB135794

Sample Name: Q2026-02 Acquired: 5/15/2025 18:35:19 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v46) 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	.0103543	-.001705	.2516688	-.004808	.0089388	16.29058
Stddev	.0004842	.000862	.0019530	.004515	.0012701	.04852
%RSD	4.675928	50.59371	.7760020	93.91300	14.20889	.2978118
#1	.0103020	-.001737	.2539163	-.003673	.0092570	16.34346
#2	.0108624	-.000826	.2503844	-.009783	.0100196	16.28016
#3	.0098984	-.002550	.2507058	-.000969	.0075399	16.24813

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3448232	.0011444	-.000030	162.2895	.0578653	.0162304
Stddev	.0018001	.0000659	.000043	.7505	.0006362	.0001471
%RSD	.5220263	5.754272	143.6593	.4624536	1.099477	.9060226
#1	.3468860	.0011937	-.000008	163.1525	.0582073	.0160619
#2	.3435706	.0010696	-.000079	161.7899	.0582573	.0162962
#3	.3440130	.0011698	-.000003	161.9261	.0571312	.0163330

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2309833	45.32063	.7859520	29.42602	.0429443	.0022575
Stddev	.0013113	.31956	.0024657	.13474	.0001390	.0002252
%RSD	.5676993	.7050984	.3137187	.4578894	.3237883	9.973418
#1	.2302261	45.32444	.7887985	29.50967	.0430816	.0022431
#2	.2302264	45.63826	.7845800	29.27059	.0428035	.0024895
#3	.2324974	44.99918	.7844774	29.49780	.0429478	.0020399

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	45.72746	.0426860	1.897343	18.67925	.0914057	.0292023
Stddev	.43912	.0004380	.004213	.16606	.0003402	.0004068
%RSD	.9603053	1.026105	.2220418	.8890218	.3722056	1.392973
#1	45.71591	.0426200	1.892485	18.68442	.0916898	.0296312
#2	46.17225	.0422848	1.899545	18.84266	.0910287	.0288221
#3	45.29423	.0431533	1.899999	18.51066	.0914988	.0291535

Reviewed By:jaswal
On:5/16/2025 2:34:16 PM
Inst Id :P4
LB :LB135794

Sample Name: Q2026-02 Acquired: 5/15/2025 18:35:19 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v46) 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	-.003760	.7092876	F 31.54717	6.724748	9.224330	.0175749
Stddev	.001172	.0022074	.23130	.013692	.029421	.0007036
%RSD	31.18648	.3112198	.7331772	.2036007	.3189482	4.003459
#1	-.004216	.7116748	31.52282	6.734142	9.206396	.0180863
#2	-.002428	.7073201	31.78967	6.709038	9.208309	.0178658
#3	-.004635	.7088678	31.32900	6.731063	9.258284	.0167725

Elem	Sr4077
Units	ppm
Avg	.3964777
Stddev	.0012671
%RSD	.3195796
#1	.3978834
#2	.3961259
#3	.3954236

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2804.528	62808.30	18131.97	2555.756	3853.220
Stddev	12.224	286.41	134.14	9.223	9.312
%RSD	.4358641	.4560050	.7397754	.3608848	.2416620
#1	2797.757	62662.09	18007.55	2563.025	3842.987
#2	2818.639	62624.50	18274.07	2545.380	3861.196
#3	2797.187	63138.30	18114.30	2558.861	3855.476

Reviewed By:jaswal
On:5/16/2025 2:34:16 PM
Inst Id :P4
LB :LB135794

Sample Name: CCV06 Acquired: 5/15/2025 18:47:58 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v46) 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	4.791698	4.850202	4.936388	4.641764	4.679689	9.835413	9.275267
Stddev	.011904	.033887	.006601	.010398	.012650	.010453	.019173
%RSD	.2484219	.6986790	.1337212	.2240180	.2703251	.1062840	.2067091
#1	4.800863	4.855168	4.933397	4.652595	4.688855	9.824349	9.255828
#2	4.778244	4.814106	4.931812	4.640838	4.684955	9.845124	9.275811
#3	4.795987	4.881333	4.943955	4.631860	4.665256	9.836765	9.294162

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2624018	2.442773	24.98839	1.026560	2.463997	1.210530	4.785595
Stddev	.0012269	.002416	.07025	.005680	.002629	.004010	.025275
%RSD	.4675487	.0988944	.2811405	.5533507	.1066902	.3312701	.5281413
#1	.2612839	2.441930	24.92096	1.029054	2.466565	1.214550	4.781352
#2	.2622071	2.440891	24.98304	1.020059	2.461311	1.210512	4.762710
#3	.2637143	2.445497	25.06116	1.030566	2.464116	1.206529	4.812723

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.445197	24.63047	2.431544	1.233104	23.23289	2.425477	2.480878
Stddev	.004316	.07950	.002974	.006371	.06237	.001983	.010257
%RSD	.1765266	.3227860	.1223104	.5166718	.2684679	.0817429	.4134556
#1	2.440550	24.54248	2.432061	1.233759	23.30465	2.427568	2.487222
#2	2.449081	24.65180	2.428345	1.226430	23.19164	2.425239	2.469044
#3	2.445961	24.69713	2.434225	1.239122	23.20239	2.423624	2.486368

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.15544	5.072246	4.907155	4.899602	4.794978	4.742988	4.981797
Stddev	.04929	.032028	.017297	.004269	.005312	.024909	.016776
%RSD	.2128826	.6314281	.3524945	.0871337	.1107815	.5251695	.3367372
#1	23.20232	5.048472	4.926118	4.901069	4.792428	4.721438	4.967193
#2	23.10404	5.059600	4.892241	4.894792	4.791422	4.737266	4.978079
#3	23.15997	5.108666	4.903106	4.902943	4.801084	4.770260	5.000120

Reviewed By:jaswal
On:5/16/2025 2:34:16 PM
Inst Id :P4
LB :LB135794

Sample Name: CCV06 Acquired: 5/15/2025 18:47:58 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v46) 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	4.727444	4.734320	4.836056
Stddev	.008926	.001532	.013853
%RSD	.1888089	.0323560	.2864433
#1	4.726980	4.736087	4.820356
#2	4.718760	4.733498	4.841252
#3	4.736593	4.733374	4.846559

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2829.537	61071.81	16347.39	2533.495	3937.220
Stddev	9.156	197.28	38.75	8.388	1.392
%RSD	.3235699	.3230256	.2370434	.3310769	.0353586
#1	2819.545	60926.18	16358.85	2525.161	3935.882
#2	2831.544	61296.33	16379.12	2541.936	3938.661
#3	2837.523	60992.94	16304.20	2533.387	3937.119

Reviewed By:jaswal
On:5/16/2025 2:34:16 PM
Inst Id :P4
LB :LB135794

Sample Name: CCB06 Acquired: 5/15/2025 18:52:11 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v46) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB06 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0013116	.0027760	.0015784	-.000817	-.001646	.0081190
Stddev	.0011864	.0004355	.0001942	.000945	.000768	.0064631
%RSD	90.45960	15.68888	12.30346	115.6781	46.68153	79.60429
#1	.0007811	.0029210	.0017558	-.001757	-.002236	.0110169
#2	.0004829	.0022865	.0016084	-.000828	-.001923	.0126260
#3	.0026707	.0031205	.0013709	.000133	-.000777	.0007141

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0083447	.0002916	.0000666	-.014645	-.000967	-.000063
Stddev	.0123590	.0001467	.0000253	.006130	.000205	.000050
%RSD	148.1067	50.31516	37.89227	41.85557	21.15808	78.49877
#1	.0212388	.0004496	.0000570	-.019570	-.001200	-.000063
#2	.0071940	.0002654	.0000476	-.016584	-.000820	-.000014
#3	-.003399	.0001597	.0000953	-.007780	-.000879	-.000114

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003138	-.000355	-.000201	-.018662	.0001120	.0008060
Stddev	.0001820	.006431	.001123	.005322	.0000945	.0010521
%RSD	57.99455	1813.450	558.2883	28.51632	84.33428	130.5369
#1	.0004754	.006589	.001090	-.024664	.0001857	.0001628
#2	.0001167	-.001549	-.000740	-.016799	.0000055	.0002350
#3	.0003492	-.006104	-.000954	-.014522	.0001448	.0020200

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.314423	.0021414	-.000187	-.049796	.0145107	.0002181
Stddev	.043798	.0022335	.000253	.006105	.0052205	.0001670
%RSD	13.92962	104.3036	134.9742	12.26055	35.97691	76.58949
#1	-.264555	.0000422	-.000098	-.043902	.0196582	.0003741
#2	-.332064	.0044885	-.000473	-.056092	.0146540	.0002382
#3	-.346649	.0018934	.000009	-.049394	.0092201	.0000419

Reviewed By:jaswal
On:5/16/2025 2:34:16 PM
Inst Id :P4
LB :LB135794

Sample Name: CCB06 Acquired: 5/15/2025 18:52:11 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v46) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB06 Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002934	.0031799	-.031917	F -.013759	-.005678	-.002476
Stddev	.000594	.0006992	.003102	.001653	.001003	.002086
%RSD	20.26023	21.98804	9.720060	12.01248	17.66626	84.23524
#1	-.002388	.0039867	-.032387	-.012029	-.004521	-.000802
#2	-.003568	.0027506	-.028607	-.015322	-.006212	-.004813
#3	-.002847	.0028023	-.034759	-.013926	-.006301	-.001814

Elem	Sr4077
Units	ppm
Avg	.0005433
Stddev	.0001996
%RSD	36.72966
#1	.0006787
#2	.0006371
#3	.0003142

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6052.121	138910.3	15543.44	5341.373	9135.967
Stddev	290.714	14243.4	4761.16	1061.449	408.737
%RSD	4.803509	10.25368	30.63134	19.87222	4.473927
#1	6252.753	122775.7	11628.99	5431.134	9464.675
#2	6184.883	144215.2	14157.54	6355.090	9264.920
#3	5718.728	149740.0	20843.79	4237.893	8678.307